

- **Latest Govt Job updates**
- Private Job updates
- Free Mock tests available

Visit - teachingninja.in

Bihar STET

Previous Year Paper PGT (Physics) 13 Sept, 2023 Shift 1



QUESTION PAPER Uchcha Madhyamic Physics [SHIFT - 1]

Exam Date: 13/09/2023 Time: 03:00 PM - 05:30 PM Subject Name: Physics Subject Code: 214 **Subject Question** Question Id: 1 **Ouestion 1** which of the following is the SI unit of electric flux? Answer: Option Id (A) Weber (B) Volt /meter 1002 (C) Vm 1003 (D) Nm 1004 Right Option Id: 1003 **Right Answer:** Question 2 Question Id: 55 A partical of mass m and fixed kinetic energy K is moving in a circle. The magnitude of its average velocity over a half-cycle is Answer: Option Id 55001 55002 55003 (C) $(2k/2)^{\frac{1}{2}}$ (D) None of these 55004 **Right Answer:** Right Option Id: 55001 $\left(\frac{8k}{\pi^2}m\right)^{\frac{1}{2}}$ **Ouestion 3 Ouestion Id: 54** The mass of the bob of a simple pendulum is m. At the lower point, the bob is given such a horizontal velocity that is undergoes vertical circular motions. The difference between tension force in the string will be Option Id (A) 4mg 54001 (B) 5mg 54002 (C) 6mg 54003 (D) None of these 54004 **Right Answer:** Right Option Id: 54003 6mg **Question 4** Question Id: 53 The mass of an inhomogeneous ring of radius R is M. At a point in its axis, at distance x from its centre, Option Id Answer: 53001 ^(A) The gravitational potential is – GM/ $(r^2 + x^2)^{\frac{1}{2}}$ 53002 the magnitude of gravitational field intensity is $Gmx/(r^2+x^2)\frac{1}{2}$ (C) the gravitional potential is – GM/de 53003 (D) None of these 53004 **Right Answer:** Right Option Id: 53001 The gravitational potential is – $GM/(r^2 + x^2)^{\frac{1}{2}}$

Question 5	Question Id : 52
The distance between the centres of the Earth and its satellite is d, and the masses of the Earth and th	
mass be at rest, the orbital speed of the satellite will be	e satemite are in and my respectively. It then ective of
Answer:	Option Id
(A) 6	52001
$M = \frac{\delta}{(M+m)d}$	32001
(D)	F2002
(B) <u>6M</u>	52002
√ d	
(C) 6	52003
$m\sqrt{(M+m)d}$	
(D) None of these	52004
Right Answer:	Right Option Id : 52001
Tan and a	
$M\sqrt{\frac{6}{(M+m)d}}$	
14	
Question 6	Question Id: 51
A torque τ is applied about the axis of a cylinder for a time interval of t. the mass and the radius of the	e cylinder are M and R, respectively. The angular
velocity produced will be	
Answer:	Option Id
(A) $2\tau t/MR^2$	51001
(B) 2rt/MR ²	51002
(C) $2\tau T/MR^2$	51003
(D) None of these	51004
Right Answer:	Right Option Id : 51001
2τt/MR ²	
Question 7	Question Id: 50
If the vector \overrightarrow{r} of a particle turns about the origin at an angular velocity	
$\vec{w}(\downarrow\vec{r}$) the velocity $\vec{\vartheta}$ of the particle is given by: Answer :	Ontine Id
	Option Id
(A) $\vec{\vartheta} = \vec{r} \times \vec{w}$	50001
(B)	50002
$\vec{w} = \vec{r} \times \vec{v}$	
(C) $\vec{w}r = \vec{\vartheta}$	50003
(D) None of these	50004
(b) None of these	30004
Right Answer:	Dight Option Id . F0002
Right Aliswer:	Right Option Id : 50002
$\vec{w} = \vec{r} \times \vec{v}$	
w-r×v	
Question 8	Question Id: 49
Which of the following the expressions represents correctly the velocity of a particle moving in XY- plants.	
Answer:	Option Id
	49001
$\begin{bmatrix} \dot{y} \end{bmatrix} \begin{bmatrix} \sin \theta - r \cos \theta \end{bmatrix} \begin{bmatrix} \dot{q} \end{bmatrix}$	
$ \begin{bmatrix} \dot{x} \\ \dot{y} \end{bmatrix} = \begin{bmatrix} \sin \theta & r \sin q \\ \cos \theta - r \cos \theta \end{bmatrix} \begin{bmatrix} r \\ \dot{q} \end{bmatrix} $	49002
$[y] [\cos \theta - r \cos \theta] $ [4]	40000
(C) $ \begin{bmatrix} \dot{x} \\ \dot{y} \end{bmatrix} = \begin{bmatrix} -r\sin q & \cos\theta \\ r\cos\theta & \sin\theta \end{bmatrix} \qquad \begin{bmatrix} r \\ \dot{q} \end{bmatrix} $	49003
	40004
(D) none of these	49004
Right Answer:	Right Option Id : 49001
$ \begin{bmatrix} \dot{x} \\ \dot{y} \end{bmatrix} = \begin{bmatrix} \cos \theta & -r \sin \theta \\ \sin \theta - r \cos \theta \end{bmatrix} \begin{bmatrix} r \\ \dot{q} \end{bmatrix} $	
Ly I $\sin \theta - r \cos \theta$ J Lq J	
Outstier 0	O
Question 9	Question Id: 48
Select the incorrect statement : Answer :	Option Id

	(A) If the Lagrangian L is explicit function of time, the Hamiltonian is equal to total energy	48001	
	(B) The relationship between generalized momentum p is $q^{\circ} = \partial H/\partial p$	48002	
	(C) The rate of change of generalized momentum is $(-\partial H/\partial q)$	48003	
	(D) Action is the time -integral of Lagrangian	48004	
	(b) Action is the time integral of Lagrangian	48004	
	Right Answer:	Right Option Id : 48001	
	If the Lagrangian L is explicit function of time, the Hamiltonian is equal to		
	total energy		
	Question 10 Select the incorrect statement:	Question Id: 47	
	Answer:	Option Id	
	(A) The speed of light in a vaccum has the same value in all the inertial frames	47001	
	(B) Neither mass nor energy is conserved, but ,mass-energy is conserved	47001	
	(C) In different inertial frames, neither time interval nor space interval remains the same, but the square of the interval of space.		
	time remains the same	47003	
	(D) If a cube moves in a direction normal to its one face, all the 12 sides of the cube get contracted	47004	
	Right Answer:	Right Option Id: 47004	
	If a cube moves in a direction normal to its one face, all the 12 sides of the		
	cube get contracted		
	Question 11	Question Id: 46	
	The modulus of elasticity is dimensionally equivalent to:	question iu : 40	
	Answer:	Option Id	
	(A) Strain	46001	
	(B) Surface tension	46002	
	(C) stress	46003	
	(D) Poisson's ratio	46004	
	Right Answer:	Right Option Id : 46003	
	stress		
	Overting 12	Overtheir Id. 45	
	Question 12 If there is no change in the volume off wire due to change in its length on stretching, the Poisson's ratio of material of wire is:	Question Id: 45	
	Answer:	Option Id	
	(A) -0.5	45001	
	(B) 0.5	45002	
	(C) -0.25	45002	
	(D) 0.25	45004	
	(b) 0.23	43004	
	Right Answer:	Right Option Id : 45001	
	-0.5	Right Option id : 45001	
	Question 13	Question Id: 44	
	The Young's modulus for a plastic body is:	Ontion ld	
	Answer:	Option Id	
	(A) less than 1	44001	
	(B) 0	44002	
	(C) 1	44003	
	(D) Infinity	44004	
	Dight Anguar	Dight Ontion Id. 44002	
	Right Answer:	Right Option Id: 44002	
L			
Ĺ			
	Question 14	Question Id: 43	
	A liquid has only:		
	Answer:	Option Id	
	(A) Bulls manufulus	12004	

(B) Youngs modulus (C) Shear modulus (D) All of the above Right Answer:	43002 43003 43004 Right Option Id: 43001	
Bulk modulus		
Question 15 What do we call the maximum velocity of a fluid in a tube for which the flow remains streamlined?	Question ld : 42	
Answer:	Option Id	
(A) Lamellar velocity	42001	
(B) critical velocity (C) Streamlined velocity	42002 42003	
(D) Hyper velocity	42003	
(-) / (-) · · · · · · · /	12001	
Right Answer:	Right Option Id: 42002	
critical velocity		
Question 16	Question Id : 41	
Bernoulli's theorem deals with the principles of:	Ontion Id	
Answer: (A) Energy	Option Id	
(B) Force	41001 41002	
(C) Mass	41002	
(D) Momentum	41004	
Right Answer:	Right Option Id: 41001	
Energy		
Question 17	Question Id: 56	
When is a fluid called turbulent?	Ontinald	
Answer: (A) High viscosity of fluid	Option Id 56001	
(B) Reynolds number is greater than 2000	56002	
(C) Reynolds number is less than 2000	56003	
(D) The density of the fluid is low	56004	
Right Answer:	Right Option Id: 56003	
Reynolds number is less than 2000		
Question 18 An iron needle floats on the surface of water. This phenomenon is attributed to:	Question Id: 57	
Answer:	Option Id	
(A) Upthrust of liquid	57001	
(B) Surface tension	57002	
(C) Gravitational force	57003	
(D) Nuclear force	57004	
Right Answer: Surface tension	Right Option Id : 57002	
Question 19	Question Id : 58	
Work done in increasing the size of a soap bubble from a radius of 3 cm to 5 cm is nearly (Surface tension of soap s		
Answer:	Option Id	
(A) 4π mJ	58001	
^(B) 2π mJ	58002	
(C) 0.4= ml	58003	

$^{(D)}$ π mJ	58004	
Right Answer:	Right Option Id : 58003	
0.4π mJ		
Question 20	Question Id: 67	
With rise in temperature, the liquid height in a capillary will:	Ontion Id	
Answer: (A) Increase	Option Id	
	67001	
(B) Decrease (C) Remain constant	67002 67003	
(D) First decrease then increase	67003	
(b) First decrease their increase	07004	
Right Answer:	Right Option Id: 67002	
Decrease		
	A 40	
Question 21	Question Id: 73	
The Zeroth law of thermodynamics based on which parameter?	Ontinald	
Answer:	Option Id	
(A) Temperature	73001	
(B) Pressure	73002	
(C) Density	73003	
(D) Velocity	73004	
Right Answer:	Right Option Id : 73001	
Temperature		
Question 22	Question Id: 72	
"When two body are in thermal equilibrium with the third body, then they all are also in thermal equilibrium with each of		
Answer:	Option Id	
(A) Second law of thermodynamics	72001	
(B) Third law of thermodynamics	72002	
(C) First law of thermodynamics	72003	
(D) Zeroth law of thermodynamics	72004	
Right Answer:	Right Option Id : 72003	
First law of thermodynamics	ragin option ia : 72003	
Question 23	Question Id: 71	
Which of the following occurs without a change in the internal energy?		
Answer:	Option Id	
(A) Isochoric process	71001	
(B) Isobaric process	71002	
(C) Steady-state process	71003	
(D) Isothermal process	71004	
Right Answer:	Right Option Id : 71002	
Isobaric process		
Question 24	Question Id: 70	
Which of the following follows the Carnot theorem? Answer:	Option Id	
(A) Heat engines (B) Gas turbine engines	70001	
(B) Gas turbine engines	70002	
(C) Gas compressors (D) All of the mentioned	70003 70004	
(b) the dictinentalies	70004	
Right Answer:	Right Option Id: 70004	

All of the mentioned

Question 25 The enthalpy and internal energy are the function of temperature for:	Question ld : 69	
Answer:	Option Id	
(A) all gases	69001	
(B) steam	69002	
(C) water	69003	
(D) ideal gas	69004	
(5)	03004	
Right Answer: ideal gas	Right Option Id : 69004	
Question 26 Which of the following is true according to Clausius statement? Answer:	Question Id : 68 Option Id	
(A) it is possible to construct a device that can transfer heat from a cooler body to a hotter body without any effect	68001	
(B) it is impossible to construct a device that can transfer heat from a cooler body to a hotter body without any effect	68002	
(C) it is impossible to construct a device that can transfer heat from a hotter body to a cooler body without any effect	68003	
(D) none of the mentioned	68004	
Right Answer:	Right Option Id: 68002	
it is impossible to construct a device that can transfer heat from a cooler		
body to a hotter body without any effect		
Question 27	Question Id : 66	
If a system undergoes a reversible isothermal process without transfer of heat, the temperature at which this process take		
Answer:	Option Id	
(A) triple point of water	66001	
(B) boiling point of water	66002	
(C) absolute zero	66003	
(D) none of the mentioned	66004	
Right Answer: absolute zero	Right Option Id : 66003	
Question 28	Question Id: 59	
Which of the following thermodynamic law gives the concept of entropy?		
Answer:	Option Id	
(A) First law of thermodynamics	59001	
(B) Second law of thermodynamics	59002	
(C) Third law of thermodynamics	59003	
(D) Zeroth law of thermodynamics	59004	
Right Answer: Second law of thermodynamics	Right Option Id : 59002	
Question 29	Question Id: 65	
Kelvin planks law of thermodynamics deals with:		
Answer:	Option Id	
(A) Conservation of work	65001	
(B) Conservation of heat	65002	
(C) Conversion of heat into work	65003	
(D) Conversion of work into heat	65004	
Right Answer: Conversion of heat into work	Right Option Id : 65003	

Question 30	Question Id: 64
The efficiency of a Carnot engine is 20%. The efficiency is increased to 30% when the sink temperature is reduce temperature?	ed by 25°C. What will be the source
Answer:	Option Id
(A) 200°C	64001
(B) 450°C	64002
(C) 300°C	64003
(D) 250°C	64004
Right Answer: 250°C	Right Option Id: 64004
Question 31	Question Id: 63
If the two particles performing S.H.M. with same amplitude and initial phase angle then initial phase angle	
Answer:	Option Id
(A) initial phase angle only (B) initial phase angle and amplitude	63001 63002
(C) amplitude of individual only	63003
(D) neither amplitude nor initial phase angle	63004
Right Answer:	Right Option Id: 63001
initial phase angle only	
Question 32 The motion in which a body moves from one place to another with respect to time is called as	Question Id: 62
Answer:	Option Id
(A) vibrational motion	62001
(B) rotational motion	62002
(C) circular motion	62003
(D) translational motion	62004
	Right Option Id : 62004
Right Answer: translational motion	Right Option Id : 62004
Right Answer:	Right Option Id : 62004
Right Answer:	Right Option Id : 62004
Right Answer:	Right Option Id : 62004 Question Id : 61
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as	Question Id : 61
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as	Question Id : 61 Option Id
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as	Question Id : 61 Option Id 61001
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as	Question Id : 61 Option Id 61001 61002
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as	Question Id : 61 Option Id 61001 61002 61003
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as	Question Id : 61 Option Id 61001 61002
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as	Question Id : 61 Option Id 61001 61002 61003
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as	Question Id : 61 Option Id 61001 61002 61003 61004
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as	Question Id : 61 Option Id 61001 61002 61003 61004
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as Answer: (A) periodic motion (B) circular motion (C) translational motion (D) rotational motion Right Answer: periodic motion	Question Id : 61 Option Id 61001 61002 61003 61004 Right Option Id : 61001
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as Answer: (A) periodic motion (B) circular motion (C) translational motion (D) rotational motion Right Answer: periodic motion	Question Id : 61 Option Id 61001 61002 61003 61004 Right Option Id : 61001
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as Answer: (A) periodic motion (B) circular motion (C) translational motion (D) rotational motion Right Answer: periodic motion	Question Id : 61 Option Id 61001 61002 61003 61004 Right Option Id : 61001
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as	Question Id : 61 Option Id 61001 61002 61003 61004 Right Option Id : 61001
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as Answer: (A) periodic motion (B) circular motion (C) translational motion (D) rotational motion Right Answer: periodic motion Question 34 If the particles of the medium vibrate about their mean positions at right angles to the direction of propagation be	Question Id : 61 Option Id 61001 61002 61003 61004 Right Option Id : 61001 Question Id : 60 n of wave, the wave is said to Option Id 60001
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as Answer: (A) periodic motion (B) circular motion (C) translational motion (D) rotational motion Right Answer: periodic motion Question 34 If the particles of the medium vibrate about their mean positions at right angles to the direction of propagation be	Question Id : 61 Option Id 61001 61002 61003 61004 Right Option Id : 61001 Question Id : 60 of wave, the wave is said to Option Id 60001 60002
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as Answer: (A) periodic motion (B) circular motion (C) translational motion (D) rotational motion Right Answer: periodic motion Question 34 If the particles of the medium vibrate about their mean positions at right angles to the direction of propagation be	Question Id : 61 Option Id 61001 61002 61003 61004 Right Option Id : 61001 Question Id : 60 1 of wave, the wave is said to Option Id 60001 60002 60003
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as Answer: (A) periodic motion (B) circular motion (C) translational motion (D) rotational motion Right Answer: periodic motion Question 34 If the particles of the medium vibrate about their mean positions at right angles to the direction of propagation be	Question Id : 61 Option Id 61001 61002 61003 61004 Right Option Id : 61001 Question Id : 60 of wave, the wave is said to Option Id 60001 60002
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as Answer: (A) periodic motion (B) circular motion (C) translational motion (D) rotational motion Right Answer: periodic motion Question 34 If the particles of the medium vibrate about their mean positions at right angles to the direction of propagation be	Question Id : 61 Option Id 61001 61002 61003 61004 Right Option Id : 61001 Question Id : 60 1 of wave, the wave is said to Option Id 60001 60002 60003
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as	Question Id : 61 Option Id 61001 61002 61003 61004 Right Option Id : 61001 Question Id : 60 1 of wave, the wave is said to Option Id 60001 60002 60003 60004
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as	Question Id : 61 Option Id 61001 61002 61003 61004 Right Option Id : 61001 Question Id : 60 1 of wave, the wave is said to Option Id 60001 60002 60003 60004
Right Answer: translational motion Question 33 A motion which repeats itself in equal interval of time is called as	Question Id : 61 Option Id 61001 61002 61003 61004 Right Option Id : 61001 Question Id : 60 1 of wave, the wave is said to Option Id 60001 60002 60003 60004

Which is a mathematical equation for a progressive wave?

Answer:	Option Id	
(A) $y = a \sin(kt - \omega x)$	40001	
(B) $y = a \sin(2\pi t - \lambda x)$	40002	
(C) $y = a \sin(\omega t - kx)$	40003	
(D) $y = a \sin(\lambda t - \phi)$	40004	
Right Answer:	Right Option Id: 40003	
$y = a \sin(\omega t - kx)$		
Question 36	Question Id : 39	
The distance between two consecutive nodes or antinodes is	Question iu . 33	
Answer:	Option Id	
(A) λ	39001	
(B) \(\lambda/4\)	39002	
(C) 2 \(\lambda\)	39003	
	39004	
(D) \(\lambda / 2 \)	39004	
Right Answer:	Right Option Id: 39004	
λ/2		
K/2		
Question 37	Question Id: 38	
If an external periodic force is applied on an oscillator then it executes		
Answer:	Option Id	
(A) Undamped free oscillations	38001	
(B) Damped free oscillations	38002	
(C) Forced oscillations	38003	
(D) None of the above	38004	
Right Answer:	Right Option Id : 38003	
Forced oscillations	Right Option id . 30003	
Question 20	Question Id : 37	
Question 38 In steady state forced vibrations, the amplitude of vibrations at resonance isdamping coefficient.	Question id : 37	
Answer:	Option Id	
(A) equal to	37001	
(B) directly proportional to	37002	
(C) inversely proportional to	37003	
(D) independent of	37004	
Right Answer:	Right Option Id: 37003	
inversely proportional to		
Question 39	Question Id: 17	
in frequency (or pitch) occurs if the source of sound and the listener move with same velocity and in the		
Answer:	Option Id	
(A) Change	17001	
(B) Increase	17002	
(C) Decrease	17003	
(D) No change	17004	
Dialet Assessed	Binha O et al. 17001	
Right Answer:	Right Option Id : 17004	
No change		
Question 40		
	Question Id: 16	
The apparent change in frequency of a note (or pitch) whenever there is a relative motion between source and list Answer:	stener is known as	
Answer:	Option Id	
	stener is known as	

(C) Doppler Effect	16003
(D) Seebeck Effect	16004
Right Answer:	Right Option Id: 16003
Doppler Effect	
Overting 44	Oversien Id. 15
Question 41	Question Id : 15
If vector field $B = x^2 \hat{r} - xy\hat{r} - kxz\hat{k}$ represents	
a magnetic field then what is the value of k?	
Answer:	Option Id
(A) 0	15001
(B) 1	15002
(C) 2	15003
(D) 3	15004
Right Answer:	Right Option Id: 15002
1	
Question 42	Question Id: 14
Capacitance (in F) of a spherical conductor of radius 1m is	
Answer:	Option Id
(A) 1.1 x 10 ⁻¹⁰	14001
(B) 9 x 10 ⁻⁹	14002
(C) 9 x 10 ⁻⁶	14003
(D) 9 x 10 ⁻³	14004
Right Answer :	Right Option Id : 14001
1.1 x 10 ⁻¹⁰	Right Option id : 14001
Question 43	Question Id: 13
Three point charges +q, +2q and Q are placed at the three vertices of an equilateral triangle. What is the	
zero?	3, ,
Answer:	Option Id
$(A) \frac{2q}{}$	13001
3 .	
(B) $-2q$	13002
3	
(C) <u>4q</u>	13003
3	
(D) $\underline{-2q}$	13004
3	
Right Answer:	Right Option Id : 13002
-2q	
3	
Question 44	Question Id: 12
Conservative nature of electric field means	
Answer:	Option Id
(A) Curl is zero	12001
(B) Divergence is zero	12002
(C) Gradient is zero	12003
(D) None of them	12004
Right Answer :	Right Option Id : 12001
NAME OF STREET	
Curl is zero	ragite option id : 12001

Question 45	Question Id: 11	
The correct relation between electric displacement D, electric field E and polarization P is		
Answer:	Option Id	
(A) $E = \varepsilon 0D + P$	11001	
(B) P=€0E+P	11002	
(C) $D = \epsilon 0E + P$	11003	
(D) P=E+D	11004	
Right Answer:	Right Option Id: 11003	
D= ε0E+P		
	0 11 11 10	
Question 46 The tangential component of electric field for a perfect conductor will be	Question Id: 10	
Answer:	Option Id	
(A) Infinite	10001	
(B) zero	10002	
(C) same as normal component	10002	
(D) none of them	10003	
(b) note of them	10004	
Right Answer:	Right Option Id: 10002	
zero		
Question 47	Question Id: 9	
A strong magnetic field B is applied to a stationary electron, then the electron will Answer:	Option Id	
(A) move in the direction of B	9001	
(B) move in the opposite direction of B	9002	
(C) remain stationary	9003	
(D) move perpendicular to B	9004	
Right Answer:	Right Option Id : 9003	
remain stationary	Right Option id : 3003	
,		
Question 48	Question Id: 8	
The value of magnetic field at a distance of 2 cm from a very long straight wire carrying a current of 5 A?	Option Id	
Answer:		
(A) 5 x 10 ⁻⁵ T	8001	
(B) 10 x 10 ⁻⁵ T	8002	
(C) 5 x 10 ⁻⁴ T	8003	
(D) 15 x 10 ⁻⁶ T	8004	
Pinto Annual	Dimbs Ousting Ld : 0004	
Right Answer:	Right Option Id : 8001	
Right Answer: 5 x 10 ⁻⁵ T	Right Option Id : 8001	
	Right Option Id : 8001	
	Right Option Id : 8001	
	Right Option Id : 8001 Question Id : 7	
Question 49 The law which states that the line integral of the magnetic field around a closed curve is equal to the free current through the content of the content of the current through the content of the current through the	Question Id : 7 ough a surface, is	
Question 49 The law which states that the line integral of the magnetic field around a closed curve is equal to the free current through the control of the magnetic field around a closed curve is equal to the free current through the control of the magnetic field around a closed curve is equal to the free current through the control of the magnetic field around a closed curve is equal to the free current through the control of the magnetic field around a closed curve is equal to the free current through the control of the magnetic field around a closed curve is equal to the free current through the control of the magnetic field around a closed curve is equal to the free current through the control of the magnetic field around a closed curve is equal to the free current through the control of the magnetic field around a closed curve is equal to the free current through the control of the magnetic field around a closed curve is equal to the free current through the control of the magnetic field around a closed curve is equal to the free current through the control of the	Question Id : 7 bugh a surface, is Option Id	
Question 49 The law which states that the line integral of the magnetic field around a closed curve is equal to the free current through the content of the content of the current through the content of the current through the	Question Id : 7 ough a surface, is	
Question 49 The law which states that the line integral of the magnetic field around a closed curve is equal to the free current through Answer: (A) Faradey's law (B) Gauss' law	Question Id : 7 ough a surface, is Option Id 7001 7002	
Question 49 The law which states that the line integral of the magnetic field around a closed curve is equal to the free current through Answer: (A) Faradey's law (B) Gauss' law (C) Ampere's law	Question Id: 7 Sough a surface, is Option Id 7001 7002 7003	
Question 49 The law which states that the line integral of the magnetic field around a closed curve is equal to the free current through Answer: (A) Faradey's law (B) Gauss' law	Question Id : 7 ough a surface, is Option Id 7001 7002	
Question 49 The law which states that the line integral of the magnetic field around a closed curve is equal to the free current through Answer: (A) Faradey's law (B) Gauss' law (C) Ampere's law (D) Coulomb's law	Question Id : 7 Dough a surface, is Option Id 7001 7002 7003 7004	
Question 49 The law which states that the line integral of the magnetic field around a closed curve is equal to the free current through Answer: (A) Faradey's law (B) Gauss' law (C) Ampere's law (D) Coulomb's law Right Answer:	Question Id: 7 Sough a surface, is Option Id 7001 7002 7003	
Question 49 The law which states that the line integral of the magnetic field around a closed curve is equal to the free current through Answer: (A) Faradey's law (B) Gauss' law (C) Ampere's law (D) Coulomb's law	Question Id : 7 Dough a surface, is Option Id 7001 7002 7003 7004	
Question 49 The law which states that the line integral of the magnetic field around a closed curve is equal to the free current through Answer: (A) Faradey's law (B) Gauss' law (C) Ampere's law (D) Coulomb's law Right Answer:	Question Id : 7 Dough a surface, is Option Id 7001 7002 7003 7004	
Question 49 The law which states that the line integral of the magnetic field around a closed curve is equal to the free current through Answer: (A) Faradey's law (B) Gauss' law (C) Ampere's law (D) Coulomb's law Right Answer:	Question Id : 7 Dough a surface, is Option Id 7001 7002 7003 7004	
Question 49 The law which states that the line integral of the magnetic field around a closed curve is equal to the free current through Answer: (A) Faradey's law (B) Gauss' law (C) Ampere's law (D) Coulomb's law Right Answer:	Question Id : 7 Dough a surface, is Option Id 7001 7002 7003 7004	
Question 49 The law which states that the line integral of the magnetic field around a closed curve is equal to the free current through Answer: (A) Faradey's law (B) Gauss' law (C) Ampere's law (D) Coulomb's law Right Answer: Ampere's law	Question Id: 7 Pugh a surface, is Option Id 7001 7002 7003 7004 Right Option Id: 7003	
Question 49 The law which states that the line integral of the magnetic field around a closed curve is equal to the free current through Answer: (A) Faradey's law (B) Gauss' law (C) Ampere's law (D) Coulomb's law Right Answer: Ampere's law	Question Id: 7 ough a surface, is Option Id 7001 7002 7003 7004 Right Option Id: 7003	

(B) Low hysteresis co-efficient	6002	
(C) Large B - H loop area	6003	
(D) High retentivity	6004	
Right Answer:	Right Option Id: 6002	
Low hysteresis co-efficient		
Question 51	Question Id: 5	
Which of the following is found using Lenz's law?		
Answer:	Option Id	
(A) Induced emf	5001	
(B) Induced current	5002	
(C) The direction of induced emf	5003	
(D) The direction of alternating current	5004	
Right Answer:	Right Option Id: 5003	
The direction of induced emf		
Question 52	Question Id: 4	
The energy stored in a 70 mH inductor carrying a current of 5 A is		
Answer:	Option Id	
(A) 0.875 J	4001	
(B) 0.556 J	4002	
(C) 0.755 J	4003	
(D) 0.655 J	4004	
(5)		
Right Answer:	Right Option Id : 4001	
0.875 J	ingin opiion in i ioo	
Question 53	Question Id: 3	
	Question Id: 3	
The magnetic flux varies as per the relation φ = 8 t2 + 6t + 2	Question Id : 3	
The magnetic flux varies as per the relation φ = 8 t2 + 6t + 2 (where φ is in milliweber and t is in second).	Question Id : 3	
The magnetic flux varies as per the relation φ = 8 t2 + 6t + 2	Question Id : 3	
The magnetic flux varies as per the relation φ = 8 t2 + 6t + 2 (where φ is in milliweber and t is in second).	Question Id : 3 Option Id	
The magnetic flux varies as per the relation ϕ = 8 t2 + 6t + 2 (where ϕ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer:	Option Id	
The magnetic flux varies as per the relation ϕ = 8 t2 + 6t + 2 (where ϕ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV	Option Id 3001	
The magnetic flux varies as per the relation $\phi=8$ t2 + 6t + 2 (where ϕ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV	Option Id 3001 3002	
The magnetic flux varies as per the relation ϕ = 8 t2 + 6t + 2 (where ϕ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV	Option Id	
The magnetic flux varies as per the relation $\phi=8$ t2 + 6t + 2 (where ϕ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV	Option Id 3001 3002	
The magnetic flux varies as per the relation ϕ = 8 t2 + 6t + 2 (where ϕ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV	Option Id	
The magnetic flux varies as per the relation ϕ = 8 t2 + 6t + 2 (where ϕ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer:	Option Id	
The magnetic flux varies as per the relation ϕ = 8 t2 + 6t + 2 (where ϕ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV	Option Id	
The magnetic flux varies as per the relation ϕ = 8 t2 + 6t + 2 (where ϕ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer:	Option Id	
The magnetic flux varies as per the relation ϕ = 8 t2 + 6t + 2 (where ϕ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer:	Option Id	
The magnetic flux varies as per the relation ϕ = 8 t2 + 6t + 2 (where ϕ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer:	Option Id	
The magnetic flux varies as per the relation $\phi = 8 \ t2 + 6t + 2$ (where ϕ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV	Option Id	
The magnetic flux varies as per the relation $\phi = 8 \ t2 + 6t + 2$ (where ϕ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV	Option Id	
The magnetic flux varies as per the relation $\phi = 8 \ t2 + 6t + 2$ (where ϕ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV Question 54 A magnet is brought towards a coil first (i) speedily (ii) slowly. It can be concluded that the induced emf we Answer:	Option Id	
The magnetic flux varies as per the relation $\phi = 8 \ t2 + 6t + 2$ (where ϕ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV Question 54 A magnet is brought towards a coil first (i) speedily (ii) slowly. It can be concluded that the induced emf we Answer: (A) smaller in case (i)	Option Id	
The magnetic flux varies as per the relation φ = 8 t2 + 6t + 2 (where φ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV Question 54 A magnet is brought towards a coil first (i) speedily (ii) slowly. It can be concluded that the induced emf w Answer: (A) smaller in case (i) (B) equal in both cases	Option Id	
The magnetic flux varies as per the relation φ = 8 t2 + 6t + 2 (where φ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV Question 54 A magnet is brought towards a coil first (i) speedily (ii) slowly. It can be concluded that the induced emf wanswer: (A) smaller in case (i) (B) equal in both cases (C) larger in case (i)	Option Id	
The magnetic flux varies as per the relation φ = 8 t2 + 6t + 2 (where φ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV Question 54 A magnet is brought towards a coil first (i) speedily (ii) slowly. It can be concluded that the induced emf w Answer: (A) smaller in case (i) (B) equal in both cases	Option Id	
The magnetic flux varies as per the relation φ = 8 t2 + 6t + 2 (where φ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV Question 54 A magnet is brought towards a coil first (i) speedily (ii) slowly. It can be concluded that the induced emf w Answer: (A) smaller in case (i) (B) equal in both cases (C) larger in case (i) (D) None of them equal in both cases	Option Id	
The magnetic flux varies as per the relation $\varphi = 8 \ t2 + 6t + 2$ (where φ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV Question 54 A magnet is brought towards a coil first (i) speedily (ii) slowly. It can be concluded that the induced emf we have a coil first (ii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speed	Option Id	
The magnetic flux varies as per the relation φ = 8 t2 + 6t + 2 (where φ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV Question 54 A magnet is brought towards a coil first (i) speedily (ii) slowly. It can be concluded that the induced emf w Answer: (A) smaller in case (i) (B) equal in both cases (C) larger in case (i) (D) None of them equal in both cases	Option Id	
The magnetic flux varies as per the relation $\varphi = 8 \ t2 + 6t + 2$ (where φ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV Question 54 A magnet is brought towards a coil first (i) speedily (ii) slowly. It can be concluded that the induced emf we have a coil first (ii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speed	Option Id	
The magnetic flux varies as per the relation $\varphi = 8 \ t2 + 6t + 2$ (where φ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV Question 54 A magnet is brought towards a coil first (i) speedily (ii) slowly. It can be concluded that the induced emf we have a coil first (ii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speed	Option Id	
The magnetic flux varies as per the relation $\varphi = 8 \ t2 + 6t + 2$ (where φ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV Question 54 A magnet is brought towards a coil first (i) speedily (ii) slowly. It can be concluded that the induced emf we have a coil first (ii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speedily (iii) slowly. It can be concluded that the induced emf we have a coil first (iii) speed	Option Id	
The magnetic flux varies as per the relation φ = 8 t2 + 6t + 2 (where φ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV Question 54 A magnet is brought towards a coil first (i) speedily (ii) slowly. It can be concluded that the induced emf w Answer: (A) smaller in case (i) (B) equal in both cases (C) larger in case (i) (D) None of them equal in both cases Right Answer: larger in case (i)	Option Id	
The magnetic flux varies as per the relation φ = 8 t2 + 6t + 2 (where φ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV Question 54 A magnet is brought towards a coil first (i) speedily (ii) slowly. It can be concluded that the induced emf w Answer: (A) smaller in case (i) (B) equal in both cases (C) larger in case (i) (D) None of them equal in both cases Right Answer: larger in case (i)	Option Id	
The magnetic flux varies as per the relation $\varphi = 8 \text{ t2} + 6 \text{ t} + 2$ (where φ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV Question 54 A magnet is brought towards a coil first (i) speedily (ii) slowly. It can be concluded that the induced emf we Answer: (A) smaller in case (i) (B) equal in both cases (C) larger in case (i) (D) None of them equal in both cases Right Answer: larger in case (i) Question 55 If the refractive index of the water is approximately 1.3, then the speed of light in the water is	Option Id	
The magnetic flux varies as per the relation $\varphi = 8 \text{ t2} + 6 \text{ t} + 2$ (where φ is in milliweber and t is in second). What is the magnitude of induced emf in the loop at t=2 seconds? Answer: (A) 40 mV (B) 36 mV (C) 38 mV (D) 42 mV Right Answer: 38 mV Question 54 A magnet is brought towards a coil first (i) speedily (ii) slowly. It can be concluded that the induced emf we Answer: (A) smaller in case (i) (B) equal in both cases (C) larger in case (i) (D) None of them equal in both cases Right Answer: larger in case (i) Question 55 If the refractive index of the water is approximately 1.3, then the speed of light in the water is Answer:	Option Id	

(C) 1.1 c (D) 1.5 c	2003 2004	
Right Answer: 0.77 c	Right Option Id : 2002	
Question 56	Question Id : 19	
The Maxwell's first equation is obtained from Answer:	Option Id	
(A) Coulomb's law	19001	
(B) Gauss Law	19002	
(C) Ampere's Law	19003	
(D) Faraday's Law	19004	
Right Answer : Gauss Law	Right Option Id: 19002	
Question 57	Question Id : 21	
The directions of the propagation vector k and the Poynting vector S for an electromagnetic wave are	Question id . 21	
Answer:	Option Id	
(A) parallel to each other	21001	
(B) anti-parallel to each-other	21002	
(C) normal to each other	21003	
(D) any other angle	21004	
Right Answer: parallel to each other	Right Option Id : 21001	
	Question Id: 36	
Question 58	Question iu . 50	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is		
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer:	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0	Option Id 36001	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1	Option Id 36001 36002	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer:	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer:	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0 Question 59 If the critical angle for total internal reflection from a medium to vacuum is 300, then the speed of light in the medium is	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0 Question 59 If the critical angle for total internal reflection from a medium to vacuum is 300, then the speed of light in the medium is Answer:	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0 Question 59 If the critical angle for total internal reflection from a medium to vacuum is 300, then the speed of light in the medium is Answer: (A) 1 x 108 m/s	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0 Question 59 If the critical angle for total internal reflection from a medium to vacuum is 300, then the speed of light in the medium Answer: (A) 1 x 10 ⁸ m/s (B) 2 x 10 ⁸ / m/s	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0 Question 59 If the critical angle for total internal reflection from a medium to vacuum is 300, then the speed of light in the medium is Answer: (A) 1 x 108 m/s	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0 Question 59 If the critical angle for total internal reflection from a medium to vacuum is 300, then the speed of light in the medium is Answer: (A) 1 x 10 ⁸ m/s (B) 2 x 10 ⁸ / m/s (C) 1.5 x 10 ⁸ m/s (D) 2.5 x 10 ⁸ m/s	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0 Question 59 If the critical angle for total internal reflection from a medium to vacuum is 300, then the speed of light in the medium is Answer: (A) 1 x 10 ⁸ m/s (B) 2 x 10 ⁸ m/s (C) 1.5 x 10 ⁸ m/s	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0 Question 59 If the critical angle for total internal reflection from a medium to vacuum is 300, then the speed of light in the medium is Answer: (A) 1 x 10 ⁸ m/s (B) 2 x 10 ⁸ m/s (C) 1.5 x 10 ⁸ m/s (D) 2.5 x 10 ⁸ m/s (D) 2.5 x 10 ⁸ m/s	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0 Question 59 If the critical angle for total internal reflection from a medium to vacuum is 300, then the speed of light in the medium in Answer: (A) 1 x 108 m/s (B) 2 x 108/ m/s (C) 1.5 x 108 m/s (D) 2.5 x 108 m/s Right Answer: 1.5 x 108 m/s	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0 Question 59 If the critical angle for total internal reflection from a medium to vacuum is 300, then the speed of light in the medium in Answer: (A) 1 x 10 ⁸ m/s (B) 2 x 10 ⁸ / m/s (C) 1.5 x 10 ⁸ m/s (D) 2.5 x 10 ⁸ m/s Right Answer: 1.5 x 10 ⁸ m/s Question 60	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0 Question 59 If the critical angle for total internal reflection from a medium to vacuum is 300, then the speed of light in the medium in Answer: (A) 1 x 108 m/s (B) 2 x 108/ m/s (C) 1.5 x 108 m/s (D) 2.5 x 108 m/s Right Answer: 1.5 x 108 m/s	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0 Question 59 If the critical angle for total internal reflection from a medium to vacuum is 300, then the speed of light in the medium in Answer: (A) 1 x 10 ⁸ m/s (B) 2 x 10 ⁸ / m/s (C) 1.5 x 10 ⁸ m/s (D) 2.5 x 10 ⁸ m/s Right Answer: 1.5 x 10 ⁸ m/s Question 60 When light passes (with normal incidence) from air (n1=1) into glass (n2=1.5), the reflection coefficient is	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0 Question 59 If the critical angle for total internal reflection from a medium to vacuum is 300, then the speed of light in the medium is Answer: (A) 1 x 10 ⁸ m/s (B) 2 x 10 ⁸ m/s (C) 1.5 x 10 ⁸ m/s (D) 2.5 x 10 ⁸ m/s Right Answer: 1.5 x 10 ⁸ m/s Question 60 When light passes (with normal incidence) from air (n1=1) into glass (n2=1.5), the reflection coefficient is Answer:	Option Id	
The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is Answer: (A) 0 (B) 1 (C) -1 (D) infinite Right Answer: 0 Question 59 If the critical angle for total internal reflection from a medium to vacuum is 300, then the speed of light in the medium is Answer: (A) 1 x 10 ⁸ m/s (B) 2 x 10 ⁸ m/s (C) 1.5 x 10 ⁸ m/s (D) 2.5 x 10 ⁸ m/s Right Answer: 1.5 x 10 ⁸ m/s Question 60 When light passes (with normal incidence) from air (n1=1) into glass (n2=1.5), the reflection coefficient is Answer: (A) R=0	Option Id	

Right Answer:	Right Option Id: 34002
R=0.04	
Question 61 The time constant of an inductive coil is 2.5 x 10 ⁻³ second. When 80 ohm resistance is added in series the tiresistance of the coil is ? Answer:	Question Id: 33 ime constant reduces to 0.5×10^{-3} second, the Option Id
(A) 200 ohm	33001
(B) 20 ohm	33002
(C) 50 ohm	33003
(D) None	33004
Right Answer: 20 ohm	Right Option Id : 33002
Question 62 A coil of inductauce 50H and resistance 30 ohm is connected to a 100 V Battery . How long will its take the Answer: (A) 2.15 sec (B) 4.50 sec (C) 1.15 sec	Option Id 32001 32002
	32003
(D) 0.15 sec	32004
Right Answer: 1.15 sec	Right Option Id : 32003
Question 63 A battery of 6 V and internal resistance of 0.5 ohm is joined in parallel with another battery of 10 V and intercurrent through an external resistance of 12 ohm. If I_1 and I_2 be the currents given by two batteries, then to I_2	
Answer:	Option Id
(A) I ₁ =-2.27A , I ₂ =2.865 A	31001
(B) $I_1 = 2.865 \text{ A } I_2 = 2.27 \text{A}$	31002
(C) I ₁ =6A , I ₂ =10 A	31003
(D) None of these.	31004
Right Answer : I ₁ =-2.27A , I ₂ =2.865 A	Right Option Id: 31001
Question 64	Question Id: 30
What resistance Must be connected in series with ar inductor of 5 millihenry so that the circuit has a time of	
Answer:	Option Id
(A) 2.5 ohm	30001
(B) 4 ohm	30002
(C) 7.5 ohm	30003
(D) None	30004
Right Answer: 2.5 ohm	Right Option Id : 30001
Question 65	Question ld : 29
A resistor of 12 ohm, a capacitor of reactance 14 ohm	
and pure inductor of inductance 0.1 H are joined in	
series and placed across 200 V , 50 HZ Ac supply then	
what will be the current in the circuit and \forall ,	
where Ø is the phase angle between current and voltage.	
choose the correct option (takeπ=3)	

Answer:

Option Id

(A) I=10 A and tanØ = 3/4	29001
(B) $I = 10 \text{ A} \text{ and } \tan \emptyset = 9/4$	29002
(C) $I = 10 \text{ A} \text{ and } \tan \emptyset = 4/3$	29003
(D) None of them.	29004
Right Answer:	Right Option Id : 29003
I = 10 A and $I = 4/3$	MgM Option id : 20005
1 - 10 A and tall 9 - 4/3	
Question 66 what will be the instantaneous voltage for AC supply of 220 V and 50 Hertz? Answer:	Question ld : 28 Option ld
(A) 311 sin 1000 л t	28001
(B) 311 sin 10 Л t	28002
	28003
(C) 311 sin 100 Л t (D) None of these	28004
(b) Notice of these	25004
Right Answer:	Right Option Id : 28003
311 sin 100 Л t	
	24(7)
Question 67	Question Id : 27
choose the correct option. Answer:	Option Id
(A) capacitor Blocks dc and allow ac.	27001
(B) capacitor offter& infinite resistance to dc.	27002
(C) Both (a) and (b) are corect.	27003
(D) All are incorrect	27004
Right Answer:	Right Option Id : 27003
Both (a) and (b) are corect.	
Question 68	Question Id : 26
what is the dimensional formula of √LC ? Answer:	Option Id
(A) $[M^0 L^0 T^1]$	26001
(B) $[M^0 L^0 T^{-1}]$	26002
(C) [M ⁰ L ² T ¹]	26003
(D) None of them	26004
Right Answer: [M ⁰ L ⁰ T ¹]	Right Option Id: 26001
[M+L-1-]	
Overting 60	Oversteen Id. 25
An alternating current of 1.5 mA and angular frequency	Question Id : 25
w = 300 Radian / sec flows through 1.0 ki10 ohm resistor	
and a 0.5 µF capacitor in series .	
What is the RMS voltage across the capacitor?	
Answer:	Option Id
(A) 10 V	25001
(B) 144 V	25002
(C) 1.0 V (D) None	25003
(D) Notice	25004
Right Answer:	Right Option Id: 25002
144 V	

Question 70 A capacitor of 1 μF is charged with 0.01C of electricity .	Question Id: 24	
How much energy is stored in it ?		
Answer:	Option Id	
(A) 500 J	24001	
(B) 550 J	24002	
(C) 50 J	24003	
(D) 5.0 J	24004	
Right Answer: 50 J	Right Option Id: 24003	
Question 71	Question Id: 23	
The Fraunhofer diffraction pattern on a screen through a circular aperture is of the form of		
Answer:	Option Id	
(A) Sine function	23001	
(B) Delta function (C) Gaussian function	23002 23003	
(D) Airy pattern	23003	
Right Answer:	Right Option Id : 23004	
Airy pattern		
Question 72	Question Id : 22	
The ratio of intensities of two waves of same frequency is 16:25. The ratio of their amplitude will be	4	
Answer:	Option Id	
(A) 16:25	22001	
(B) 4:5	22002	
(C) 3:5	22003	
(D) 5:4	22004	
Right Answer: 4:5	Right Option Id: 22002	
Question 73 Interference and diffraction of light supports in	Question Id: 74	
Answer:	Option Id	
(A) Wave nature	74001	
(B) quantum nature	74002	
(C) transverse nature	74003	
(D) electromagnetic nature	74004	
Right Answer:	Right Option Id : 74001	
Wave nature		
Question 74	Question Id: 20	
In a Fabry-Perot interferometer the circular fringes formed are referred to as fringes of Answer :	Option Id	
(A) equal thickness	20001	
(B) equal inclination	20002	
(C) equal chromatic order	20003	
(D) none of these	20004	
P. L. A	ni i a di cita cons	
Right Answer: equal inclination	Right Option Id : 20002	
·		

Question 75	Question Id: 75
The brilliant colors in thin films of soap are due to	Question in 175
Answer:	Option Id
(A) dispersion	75001
(B) diffraction	75002
(C) scattering	75003
(D) interference	75004
	73001
Right Answer:	Right Option Id : 75004
interference	
Question 76	Question Id: 78
In total internal reflection, when the angle of incidence is equal to the critical angle for the pair of media in co	
Answer:	Option Id
(A) 180°	78001
(B) 0°	78002
(C) 90°	78003
(D) equal to angle of incidence	78004
Right Answer:	Right Option Id: 78003
90°	
Question 77	Question Id: 92
Huygens' wave theory of light cannot explain	4.00.00
Answer:	Option Id
(A) Diffraction phenomena	92001
(B) Interference phenomena	92002
(C) Photoelectric effect	92003
(D) Polarization of light	92004
Right Answer:	Right Option Id: 92003
Photoelectric effect	
Question 78	Question Id: 93
When Two waves of same amplitude add constructively, the intensity becomes	
Answer:	Option Id
(A) Double	93001
(B) Half	93002
(C) Four Times	93003
(D) One-Fourth	93004
Right Answer:	Right Option Id : 93003
Four Times	
Question 79	Question Id: 94
The laws of reflection hold good for	
Answer:	Option Id
(A) plane mirror only	94001
(B) concave mirror only	94002
(C) convex mirror only	94003
(D) all mirrors irrespective of their shape	94004
Right Answer:	Right Option Id: 94004
all mirrors irrespective of their shape	
Question 80	Question Id: 97
If white light is used in Young's double slit experiment, then the central fringe will be	

Answer:

Option Id

(A) Red	97001
(B) Coloured	97002
(C) White	97003
(D) Blue	97004
Right Answer: White	Right Option Id : 97003
Question 81 The binding energy per nucleon is maximum for the nucleus	Question Id : 96
Answer:	Option Id
(A) Fe^{56} (B) He^4	96001
(C) Pb ²⁰⁸	96002 96003
(D) Mo ¹⁰¹	96004
Right Answer:	Right Option Id : 96001
Fe ⁵⁶	
Question 82 The electron in a hydrogen atom with a radius equal to first Bohr radius has a velocity equal to	Question Id : 91
Answer:	Option Id
(A) c	91001
5	
(B) C	91002
10	
$^{(C)}$ c	91003
137	91004
(D) <u>c</u>	91004
125	
Right Answer:	Right Option Id : 91003
c	
137	
Question 83	Question Id : 98
Bohr radius for Hydrogen is 0.53 Å.	
The ground state Bohr radius for He ⁺ ion will be	
Answer:	Option Id
(A) 1.06Å	98001
(B) 0.53Å	98002
(C) 0.265Å	98003
(D) 0.134Å	98004
Right Answer: 0.265Å	Right Option Id : 98003
Question 84	Question Id: 99
The half-life of radium is 1600 years. After how much time will 1 gm radium reduce to 125 mg ? Answer:	Option Id
(A) 1800 years	99001
(B) 1600 years	99002
(C) 3200 years	99003
(D) 4800 years	99004

Right Answer: 4800 years	Right Option Id: 99004
Question 85	Question Id : 100
The gyromagnetic ratio for the electron spin is γ times	Q
the corresponding ratio for the electron orbital momentum,	
where γ is	
Answer:	Option Id
(A) 1/2	100001
(A) 02 (B) 1/3	100007
(C) 2	100003
(D) 3	100004
Right Answer :	Right Option Id: 100003
2	
Question 86	Question Id : 95
Uhlenbeck and Goudsmit introduced the concept of	
Answer:	Option Id
(A) Electron spin	95001
(B) Electron charge	95002
(C) Proton spin	95003
(D) Neutron spin	95004
Right Answer :	Right Option Id : 95001
Electron spin)
Question 87 The energy of a particle in an infinite potential box is Answer: (A) proportional to length of box (B) inversely proportional to Square of length of box (C) inversely proportional to length of box (D) none of these	Option Id 90001 90002 90003 90004
Right Answer : inversely proportional to Square of length of box	Right Option Id : 90002
Question 88	Question Id : 77
The concept of matter wave was suggested by	Ontion Id
Answer:	Option Id
A) Heisenberg B) de Broglie	77001 77002
C) Schrodinger	77002
D) Laplace	77003
, ·	77004
Right Answer : le Broglie	Right Option Id : 77002
Question 89	Question Id: 88
de - Broglie wavelength of an electron which has been accelerated from rest through a potential difference	
Answer:	Option Id
^(A) 12.27Å	88001
^(B) 1.227Å	88002
(C) 15Å	88003
^(D) 1.5Å	88004

Right Answer:	Right Option Id: 88002
1.227Å	
Question 90	Question Id: 87
Which of the following can act as both a particle and as a wave?	Question id : 87
Answer:	Option Id
(A) photon	87001
(B) electro	87002
(C) neutron	87003
(D) all of these	87004
Right Answer:	Right Option Id : 87004
all of these	
Question 91	Question Id: 89
An n-type semiconductor is	
Answer:	Option Id
(A) Negatively Charged	89001
(B) Positively charged	89002
(C) Neutral	89003
(D) None of these	89004
Right Answer:	Right Option Id : 89003
Neutral	ragin option ia . 05005
Question 92	Question Id: 86
The band gap of Si at 300 K is	
Answer:	Option Id
(A) 0.53 eV	86001
(B) 0.80 eV	86002
(C) 1.12 eV	86003
(D) 1.46 eV	86004
Right Answer:	Right Option Id : 86003
1.12 eV	Right Option id : 80003
Question 93	Question Id: 85
The α (Current gain in common base configuration)	
and β (Current gain in common emitter configuration)	
of a transistor is related as	
Answer:	Option Id
	85001
$\beta = \frac{\alpha}{1-\alpha}$	0 3300.
(B)	85002
$\beta = \frac{\alpha}{1+\alpha}$	0
7.07	85003
(C) $\beta = \frac{1+\alpha}{\alpha}$	
(D) $\beta = 1 - \alpha$	85004
Right Answer:	Right Option Id: 85001
$\beta = \frac{\alpha}{1-\alpha}$	

Question 94

Question Id: 84

If α current gain of a transistor is 0.98.		
What is the value of β current gain of the transistor		
Answer:	Option Id	
(A) 0.49	84001	
(B) 4.9	84002	
(C) 5	84003	
(D) 49	84004	
	0.1001	
Right Answer:	Right Option Id: 84004	
49		
Question 95	Question Id: 76	
Which type of feedback is used in case of an oscillator circuit?	Question id : 76	
Answer:	Option Id	
(A) Positive	76001	
(B) Negative	76002	
(C) Unity	76003	
(D) None of these	76004	
(b) Note of states	70004	
Right Answer:	Right Option Id: 76001	
Positive		
Question 96	Question Id: 83	
Which of the following has the greatest mobility?		
Answer:	Option Id	
(A) Hole	83001	
(B) Electron	83002	
(C) Positive ion	83003	
(D) Negative ion	83004	
Right Answer:	Right Option Id: 83002	
Right Answer: Electron	Right Option Id : 83002	
	Right Option Id : 83002	
	Right Option Id : 83002	
	Right Option ld : 83002 Question ld : 82	
Question 97		
Question 97 The truth table for two input logic gate is given below		
Question 97		
Question 97 The truth table for two input logic gate is given below A B Output		
Question 97 The truth table for two input logic gate is given below		
Question 97 The truth table for two input logic gate is given below A B Output		
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 1		
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1		
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 0 1 1 1 0 1		
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 0 1 1 1 0 1 1 0 1		
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 0 1 1 1 0 1		
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 0 1 1 1 0 1 1 0 1		
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 1 1 0 1 1 0 1 1 0 Then the logic gate is —	Question Id : 82	
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 0 1 1 1 0 1 1 1 0 Then the logic gate is — Answer: (A) NAND	Question Id : 82 Option Id 82001	
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 1 1 1 0 1 1 0 Then the logic gate is — Answer: (A) NAND (B) AND	Option Id 82001 82002	
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 1 1 1 0 1 1 0 Then the logic gate is — Answer: (A) NAND (B) AND (C) OR	Option Id	
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 1 1 1 0 1 1 0 Then the logic gate is — Answer: (A) NAND (B) AND	Option Id 82001 82002	
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 1 1 0 1 1 0 1 1 0 Then the logic gate is — Answer: (A) NAND (B) AND (C) OR	Option Id	
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 1 1 1 0 1 1 0 Then the logic gate is — Answer: (A) NAND (B) AND (C) OR (D) NOR	Option Id 82001 82002 82003 82004	
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 1 1 0 1 1 0 1 0 1 0 1 0 0 Rower: (A) NAND (B) AND (C) OR (D) NOR Right Answer: NAND	Option Id	
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 1 1 1 0 1 1 1 0 Then the logic gate is — Answer: (A) NAND (B) AND (C) OR (D) NOR Right Answer: NAND Question 98	Option Id 82001 82002 82003 82004	
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 1 0 1 1 1 0 1 1 1 0 0 Then the logic gate is — Answer: (A) NAND (B) AND (C) OR (D) NOR Right Answer: NAND Question 98 De Morgan's theorem states that —	Option Id 82001 82002 82003 82004 Right Option Id : 82001	
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 0 1 1 1 1 0 1 1 1 0 0 Then the logic gate is — Answer: (A) NAND (B) AND (C) OR (D) NOR Right Answer: NAND Question 98 De Morgan's theorem states that — Answer:	Option Id	
Question 97 The truth table for two input logic gate is given below A B Output 0 0 1 1 0 1 1 1 0 1 1 1 0 0 Then the logic gate is — Answer: (A) NAND (B) AND (C) OR (D) NOR Right Answer: NAND Question 98 De Morgan's theorem states that —	Option Id 82001 82002 82003 82004 Right Option Id : 82001	

(C) $\overline{A+B} = A.\overline{B}$	81003	
$^{(D)}A + B = \overline{A}.B$	81004	
Right Answer:	Right Option Id : 81001	
$\overline{A+B}=\overline{A}.\overline{B}$		
Question 99 Troposphere is medium for -	Question Id: 80	
Answer:	Option Id	
(A) Surface Wave	80001	
(B) Guided Wave	80002	
(C) Sky Wave	80003	
(D) Space Wave	80004	
Right Answer:	Right Option Id: 80004	
Space Wave	ragin option a . 30004	
Question 100	Question Id: 79	
Through which mode of propagation, the radio waves can be sent from one place to another-	o. (C)	
Answer:	Option Id	
(A) Ground wave propagation	79001	
(B) Sky wave propagation	79002	
(C) Space Wave propagation	79003	
(D) All of the above	79004	
Right Answer:	Right Option Id : 79004	
All of the above		
Art Of Teaching		_
Artorieucining		_
Question 101	Question Id: 120	
If a child fails to answere in class the teacher will		
Answer:	Option Id	
(A) advice to study well	120001	
(B) punish	120002	
(C) scold	120003	
(D) understand the reason of his failure	120004	
Right Answer:	Right Option Id : 120004	
understand the reason of his failure		
Question 102	Question Id: 121	
To ensure participation of students we use	Onetice 14	
Answer:	Option Id	
(A) demonstration	121001	
(B) little man's lecture (C) discussion	121002	
(D) illustration	121003 121004	
(D) illustration	121004	
Right Answer:	Right Option Id: 121003	
discussion		
Question 103 One of them is not a principle of coorperative learning	Question Id: 125	
Answer:	Option Id	
(A) positive dictation	125001	
(B) face to face interation	125002	
(C) group accountalility	125003	

(D) individual accountalility	125004	
Right Answer: positive dictation	Right Option Id : 125001	
F		
Question 104	Question Id: 123	
The use of verb for writing specific objections makes it	Question id : 123	
Answer:	Option Id	
(A) measurable	123001	
(B) action oriented	123002	
(C) specific	123003	
(D) all the above	123004	
Right Answer:	Right Option Id: 123004	
all the above	g op	
Question 105	Question Id: 124	
The process for establishing sequence for a task is		
Answer:	Option Id	
(A) objective	124001	
(B) procedure	124002	
(C) strategy	124003	
(D) none of the above	124004	
Right Answer:	Right Option Id : 124001	
objective		
Question 106	Question Id: 119	
Excursion method develops		
Answer:	Option Id	
(A) Cooperative attitude	119001	
(B) creative faculty	119002	
(C) direct knowledge	119003	
(D) all the above	119004	
Right Answer:	Right Option Id : 119004	
all the above	ragiit option ia . 1 1555-	
Question 107	Question Id: 117	
All children have the potential to learn opened		
Answer:	Option Id	
(A) John Deway	117001	
(B) friedrich Herbart	117002	
(C) froebel (D) Montessori	117003	
(D) MOURESSON	117004	
Right Answer:	Right Option Id: 117003	
froebel		
Question 108	Question Id : 126	
One of them is not the focal point of tripolar process of teaching Answer:	Option Id	
(A) teaching methods	126001	
(B) teacher	126001	
(C) pupil	126002	
(D) content	126003	
	120004	
Right Answer:	Right Option Id: 126001	

teaching methods

Question 109 A plan prepared by a teacher to teach a lesson is called Answer: (A) unit plan (B) lesson plan (C) course plan (D) master plan Right Answer: lesson plan	Option Id : 127 Option Id
Question 110 Selly activity and play was the most important contribution of Answer: (A) Pestalozzi (B) froebel (C) Montessori (D) Dewey Right Answer: froebel	Option Id : 128 Option Id
Question 111 In early childhood, growth	Question ld : 129 is Option ld 129001 129002 129003 129004 Right Option ld : 129003
Question 112 One of the main characteristics of pre-operational thought according to jean piaget is which refers to the trial situation and neglect others. Answer: (A) transduction (B) causation (C) centration (D) decentration Right Answer: centration	Question Id : 108 tendency to focus on one aspect of a Option Id 108001 108002 108003 108004 Right Option Id : 108003
Question 113 What is the main goal of 'assessment for learning'? Answer: (A) to compare student performance to a standard or benchmark (B) to identify students who can be categorised as 'slow learners' (C) to evaluate student performance and assign grades (D) to provide feedback to students that can be used to improve their learning Right Answer: to provide feedback to students that can be used to improve their learning	Option Id : 130 Option Id 130001 130002 130003 130004 Right Option Id : 130004

Question 114	Question Id: 122	
Diagnostic evaluation ascertains		
Answer:	Option Id	
(A) Learning progress and failures during instructions.	122001	
(B) Degree of achievements of instructions at the end.	122002	
(C) Students performance at the beginning of instructions.	122003	
(D) Causes and remedies of persistent learning problems during instructions.	122004	
Right Answer:	Right Option Id : 122004	
Causes and remedies of persistent learning problems during instructions.		_
Question 115	Question Id: 118	
Which of the following statements about teaching aids are correct	Question id : 116	
Answer:	Option Id	
(A) They help students learn better	118001	
(B) They make teaching learning process interesting	118002	
(C) They help in retaining concepts for longer duration	118003	
(D) All of the above	118004	
(5)	110004	
Right Answer:	Right Option Id: 118004	
All of the above		
Question 116	Question Id : 115	
A library is a place where Answer :	Option Id	
(A) Many books are kept	115001	
(B) Many toys are kept (C) many clothes are kept	115002 115003	
(D) None of the above	115004	
(D) Notice of the above	113004	
Right Answer:	Right Option Id : 115001	
Many books are kept	night option ia . 115001	
Question 117	Question Id: 116	
Which one of the following is a type of book? Answer:	Ontion Id	
	Option Id	
(A) General text book	116001	
(B) Reference book	116002	
(C) Both A and B	116003	
(D) None of these	116004	
Dight Anguay	Dight Ontion Id. 116003	
Right Answer: Both A and B	Right Option Id : 116003	
Question 118	Question Id: 101	
Which of the following is not a quality of teachers-		
Answer:	Option Id	
(A) Empathy	101001	
(B) Communication	101002	
(C) Creativity	101003	
(D) Jealous	101004	
Dight Anguar .	Dight Oution Id : 101004	
Right Answer : Jealous	Right Option Id : 101004	
Jealous		
Question 119	Question Id: 102	
Which of the following personal qualities of a teacher affect teaching?		
Answer:	Option Id	
(A) Sensitivity	102001	

(B) Management capacity	102002	
(C) Social skills	102003	
(D) None of these	102004	
Right Answer:	Right Option Id: 102001	
Sensitivity		
Question 120	Question Id: 104	
Teacher's role at higher education	-	
Answer:	Option Id	
(A) Promote self learning in students	104001	
(B) Provide information to students	104002	
(C) help students to solve their problem	104003	
(D) None of these	104004	
D. L. A	D' 1 0 1' 11 101001	
Right Answer: Promote self learning in students	Right Option Id : 104001	
Question 121	Question Id : 105	
Evaluation process is related to-	Question id : 105	
Answer:	Option Id	
(A) Whole learning process	105001	
(B) Examinatino	105002	
(C) Test	105003	
(D) Measurement	105004	
Right Answer:	Right Option Id : 105001	
Whole learning process		
Question 122	Question ld : 106	
Which of the following is not a tool of evaluation?		
Which of the following is not a tool of evaluation? Answer:	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale	Option Id 106001	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report	Option Id 106001 106002	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list	Option Id 106001 106002 106003	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report	Option Id 106001 106002	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list	Option Id 106001 106002 106003	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer:	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer:	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer:	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report Question 123 A portfolio is a tool for-	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report Question 123 A portfolio is a tool for- Answer: (A) Collection of student's works over a period of time	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report Question 123 A portfolio is a tool for- Answer: (A) Collection of student's works over a period of time (B) Collection of student's marks over a period of time	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report Question 123 A portfolio is a tool for- Answer: (A) Collection of student's works over a period of time	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report Question 123 A portfolio is a tool for- Answer: (A) Collection of student's works over a period of time (B) Collection of student's marks over a period of time	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report Question 123 A portfolio is a tool for-Answer: (A) Collection of student's works over a period of time (B) Collection of student's grade over a period of time (C) Collection of student's grade over a period of time (D) All of the above	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report Question 123 A portfolio is a tool for- Answer: (A) Collection of student's works over a period of time (B) Collection of student's grade over a period of time (C) Collection of student's grade over a period of time	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report Question 123 A portfolio is a tool for- Answer: (A) Collection of student's works over a period of time (B) Collection of student's grade over a period of time (C) Collection of student's grade over a period of time (D) All of the above	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report Question 123 A portfolio is a tool for- Answer: (A) Collection of student's works over a period of time (B) Collection of student's grade over a period of time (C) Collection of student's grade over a period of time (D) All of the above	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report Question 123 A portfolio is a tool for- Answer: (A) Collection of student's works over a period of time (B) Collection of student's grade over a period of time (C) Collection of student's grade over a period of time (D) All of the above	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report Question 123 A portfolio is a tool for-Answer: (A) Collection of student's works over a period of time (B) Collection of student's marks over a period of time (C) Collection of student's grade over a period of time (D) All of the above Right Answer: Collection of student's works over a period of time	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report Question 123 A portfolio is a tool for-Answer: (A) Collection of student's works over a period of time (B) Collection of student's marks over a period of time (C) Collection of student's grade over a period of time (D) All of the above Right Answer: Collection of student's works over a period of time	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report Question 123 A portfolio is a tool for-Answer: (A) Collection of student's works over a period of time (B) Collection of student's marks over a period of time (C) Collection of student's grade over a period of time (D) All of the above Right Answer: Collection of student's works over a period of time	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report Question 123 A portfolio is a tool for- Answer: (A) Collection of student's works over a period of time (B) Collection of student's marks over a period of time (C) Collection of student's grade over a period of time (D) All of the above Right Answer: Collection of student's works over a period of time	Option Id	
Which of the following is not a tool of evaluation? Answer: (A) Rating scale (B) Project report (C) Check list (D) Cumulative record Right Answer: Project report Question 123 A portfolio is a tool for- Answer: (A) Collection of student's works over a period of time (B) Collection of student's marks over a period of time (C) Collection of student's grade over a period of time (D) All of the above Right Answer: Collection of student's works over a period of time Question 124 The Purpose of Sports is Answer: (A) Physical development	Option Id	

Right Answer:	Right Option Id: 103003	
Both of the above		
Question 125	Question Id: 109	
Psychological foundation plays its role in the devlopment of curriculum keeping in view-		
Answer:	Option Id	
(A) Student's emotion	109001	
(B) Student's nature	109002	
(C) Student's happiness	109003	
(D) student's needs	109004	
Right Answer:	Right Option Id: 109004	
student's needs		
Question 126	Question Id: 110	
The Characteristic of the Indian society	Question iu . 110	
Answer:	Option Id	
(A) conservative	110001	
(B) unscientific	110002	
(C) open	110003	
(D) stratified	110003	
(b) strutified	110004	
Right Answer :	Right Option Id : 110004	
stratified	agin option id : 11000-7	
Question 127	Question Id : 111	
which of the following is not the cause of getting?	0 11 11	
Answer:	Option Id	
(A) Mental conflict	111001	
(B) Desire to remember	111002	
(C) Defective methods of remembering	111003	
(D) All the above	111004	
Right Answer:	Right Option Id: 111002	
Desire to remember		
Question 128	Question Id: 112	
Which of the these factors does not affect the learning process -		
Answer:	Option Id	
(A) Intelligence	112001	
(B) Interest	112002	
(C) Readiness	112003	
(D) Goal setting	112004	
Right Answer:	Right Option Id: 112004	
Goal setting		
Question 129	Question Id : 113	
Audio-visual aid facilitate-	question in 115	
Answer:	Option Id	
(A) Multi-sensory	113001	
(B) Only visual	113002	
(C) Only Audio	113002	
(D) None of the above	113003	
(5)	113004	
Right Answer:	Right Option Id : 113001	
Multi-sensory	5 p	

Question 130 Dienes block is used in-	Question Id : 114
Answer:	Option Id
(A) Addition	114001
(B) Substraction	114002
(C) Both of the above	114003
(D) None of the above	114004
Right Answer: Both of the above	Right Option ld : 114003
Other Skills	
Question 131	Question Id : 149
Lala Lajpat Rai was also known as :	Question id . 145
Answer:	Option Id
(A) Sher-e-Bengal	149001
(B) Sher-e-Maharastra	149002
(C) Sher-e-Kashmir	149003
(D) Sher-e-Punjab	149004
Right Answer :	Right Option ld : 149004
Sher-e-Punjab	
Question 132	Question Id : 148
Which of the following Monsoons account for most of the rainfall in India?	Question iu . 140
Answer:	Option Id
(A) North East Monsoon	148001
(B) South West Monsoon	148002
(C) South East Monsoon	148003
(D) East Asia Monsoon	148004
Right Answer: South West Monsoon	Right Option Id : 148002
Question 133	Question Id: 147
Which country has the largest number of internet users in the world? Answer:	Option Id
(A) China	147001
(B) USA	147001
(C) India	147003
(D) Brazil	147004
Right Answer:	Right Option Id: 147001
China	
Question 134 Under whose leadership in Bihar, All Party boycotted the Simon Commission?	Question Id: 146
Answer:	Option Id
(A) Anugrah Narayan Sinha	146001
(B) Ramvriksh Benipuri	146002
(C) Phanishwar Nath Renu	146003
(D) Rajendra Prasad	146004
Right Answer:	Right Option Id : 146001
Anugrah Narayan Sinha	

As per the recent notification of CERT-In, what is the time limit to report the cyber incidents after its detection?

Teachingninja.in

Question Id: 145

Answer:	Option Id	
(A) 2 days	145001	
(B) 1 day	145002	
(C) 12 hours	145003	
(D) 6 hours	145004	
Right Answer: 6 hours	Right Option Id : 145004	
Question 136	Question Id: 144	
Bronze is an alloy made by melting the following:		
Answer:	Option Id	
(A) Zinc and tin	144001	
(B) Tin and copper	144002	
(C) Copper and zinc	144003	
(D) Aluminium and zinc	144004	
Right Answer:	Right Option Id: 144002	
Tin and copper		
Oversteen 127	Overstien Id. 142	
Question 137	Question Id: 143	
Select the correct statements about elephants from the following: A. A three-month-old baby elephant generally weighs about 100 kg.		
B. An adult elephant can eat more than 200 kg of leaves and twigs in one day.		
C. Elephants do not rest very much; they sleep for only two to four hours in a day.		
D. Elephants like to play with mud and water.		
Answer:	Option Id	
(A) C and D	143001	
(B) B and D	143002	
(C) A and B	143003	
(D) A and C	143004	
Right Answer:	Right Option Id: 143001	
C and D		
Question 138	Question Id: 142	
Select from the following the best period of the year for the people of Bihar to start a bee-keeping programme:		
Answer:	Option Id	
(A) August to October	142001	
(B) October to December	142002	
(C) February to April	142003	
(D) April to June	142004	
Right Answer:	Right Option Id: 142002	
October to December		
Question 139	Question Id: 141	
Read the following statements and choose the correct option: Assertion (A) On applying pressure, gas can be compressed easily.		
Reason (R) When we apply pressure to a gas, the intermolecular space between gaseous particles decreases and it ge	ets compressed.	
Answer:	Option Id	
(A) (A) is true, but, (R) is false.	141001	
(B) (A) is false, but (R) is ture.	141002	
(C) Both (A) and (R) are true and (R) is the correct explanation of (A)	141003	
(D) Both (A) and (R) are true, but (R) is not the correct explanation of (A)	141004	
· · · · · · · · · · · · · · · · · · ·	141004	
Right Answer:	Right Option Id: 141003	
Both (A) and (R) are true and (R) is the correct explanation of (A)	3	
both (A) and (IV) are true and (IV) is the correct explanation of (A)		

Canadian for following distancents A and B: Subtreent & Ministri, house are controlled with wood, abstring roofs and sleveled on strong bamboo pollurs. Subtreent & Ministri, house are controlled on the most visual following and the following activities of the following subtreents (13001) (A) As correct, but B is incorrect (13002) (A) As correct, but B is incorrect (13003) (B) & As incorrect, but B is incorrect (13003) (B) & As incorrect, but B is incorrect (13003) (B) & As incorrect, but B is correct (13003) (B	Question 140	Question Id : 131
Statement B. Manufil receives a tool of rain and snowfill. Choose the Cornect Ciption: Amyser: (P) A list Cornect, but Bit is incorrect (S) A is (cornect, but Bit is cornect (S) Bit A and Bit are incorrect (S) Bit A source: Question 141 Codestion 541 Codestion 541 Codestion 541 Codestion 542 Codestion 641 Codestion 642 Codestion 642 Codestion 643 Codestion 644 Codestion 643 Codestion 644 Codestion 643 Codestion 644 Codestion 644 Codestion 644 Codestion 644 Codestion 6		
Asswer: Option Id (A) A is correct, but B is incorrect 131001 19) A is formance, but B is correct 131001 19) A is formance, but B is correct 131002 131004 13100		
A) A is correct, the B is incorrect 1310007	Choose the correct Option :	
(g) Reh A not B is correct. (g) Beth A and B are incorrect. (g) Beth A standard B are incorrect. (g) She always projects the student who achieves highest marks in the class in the term end examination. (g) She always projects the student who achieves highest marks in the class in the term end examination. (g) She always projects the student who achieves highest marks in the class in the term end examination. (g) She plass the student and achieves highest marks in the class in the term end examination. (g) She gives mathematical puzzles and magic squares to be solved in the class. (g) She gives mathematical puzzles and magic squares to be solved in the class. (g) She gives mathematical puzzles and magic squares to be solved in the class. (g) She gives mathematical puzzles and magic squares to be solved in the class. (g) She gives mathematical puzzles and magic squares to be solved in the class. (g) She gives mathematical puzzles and magic squares to be solved in the class. (g) She gives mathematical puzzles and magic squares to be solved in the class. (g) She gives mathematical puzzles and magic squares to be solved in the class. (g) She gives mathematical puzzles and magic squares to be solved in the class. (g) She gives mathematical puzzles and magic squares to be solved in the class. (g) She gives mathematical activities. (g) She gives mat		
(C) Both A and B are corect (D) Both A and B are corect (D) Both A and B are increases (E) Both C (E) Both A and B are increases (E) Both C (E) Both A and B are increases (E) Both C		
Right Answer: Ouestion 142 Question 143 Question 144 Question 145 A it helps in contraspis the citiest imagination. C it is based on deductive reasoning. D it is absept concepts. C it is absolved to the concept population of the concepts of the concept		
Right Answer: Als incorrect, but 8 is correct Question 141 Question 147 Question for mathematics among children, a teacher performs the following activities in the class. Choose the one which is not effective to advance the registrice. Account of the desire the registrice of the r		
As incorrect, but B is correct Question 141 Question id : 139 Active paper paper position for mathematics among children, a teacher performs the following activities in the class. Choose the one which is not effective to authious her abjective. (A) She sabilishes a mathematics corner in her class where students can parform various mathematical activities. (3) She always praises the student who achieves highest marks in the class in the term end examination. (3) She pieve mathematical puzzles and magic squares to be solved in the class. (3) She pieve mathematical puzzles and magic squares to be solved in the class. (3) She pieve mathematical puzzles and magic squares to be solved in the class. (3) She pieve mathematical puzzles and magic squares to be solved in the class. (4) She always praises the student who achieves highest marks in the class in the term end examination. (5) She pieve mathematical puzzles and magic squares to be solved in the class. (6) She always praises the student who achieves highest marks in the class in the term end examination. (7) She always praises the student who achieves highest marks in the class in the term end examination. (8) All the following statements about nature of mathematics are most appropriate? (8) It is high in mutraring the child's imagination. (8) It is high in mutraring the child's imagination. (9) It is always convergent. (9) An and C (1) An and C (1) An and C (1) An and C (2) An and C (3) All the same of the control of the same	(b) both A and b are incorrect	131004
To develop appreciation for mathematics among children, a teacher performs the following activities in the class. Choose the one which is not effective to achieve her objective. Answer: (A) She establishes a mathematics corner in her class where students can perform various mathematical activities. (3) She always praises the student who achieves highest marks in the class in the term end examination. (3) She power praises the student who achieves highest marks in the class. (3) She power praises the student who achieves highest marks in the class. (3) She power praises the student who achieves highest marks in the class. (3) She power praises the student who achieves highest marks in the class in the term-end examination. (4) She power praises the student who achieves highest marks in the class in the term-end examination. (5) She power praises the student who achieves highest marks in the class in the term-end examination. (5) She power praises the student who achieves highest marks in the class in the term-end examination. (6) She power praises the student who achieves highest marks in the class in the term-end examination. (7) She power praises the student who achieves highest marks in the class in the term-end examination. (8) She power praises the student who achieves highest marks in the class in the term-end examination. (8) She power praises the student who achieves highest marks in the class in the term-end examination. (8) She power praises the student who achieves highest marks in the class in the term-end examination. (9) She power praises the student who achieves highest marks in the class in the term-end examination. (9) All she power praise the student who achieves highest marks in the class in the term-end examination. (1) She power praise the student who achieves highest marks in the class in the c		Right Option Id : 131002
To develop appreciation for mathematics among children, a teacher performs the following activities in the class. Choose the one which is not effective to achieve her objective. Answer: (A) She establishes a mathematics corner in her class where students can perform various mathematical activities. (3) She always praises the student who achieves highest marks in the class in the term end examination. (3) She power praises the student who achieves highest marks in the class. (3) She power praises the student who achieves highest marks in the class. (3) She power praises the student who achieves highest marks in the class. (3) She power praises the student who achieves highest marks in the class in the term-end examination. (4) She power praises the student who achieves highest marks in the class in the term-end examination. (5) She power praises the student who achieves highest marks in the class in the term-end examination. (5) She power praises the student who achieves highest marks in the class in the term-end examination. (6) She power praises the student who achieves highest marks in the class in the term-end examination. (7) She power praises the student who achieves highest marks in the class in the term-end examination. (8) She power praises the student who achieves highest marks in the class in the term-end examination. (8) She power praises the student who achieves highest marks in the class in the term-end examination. (8) She power praises the student who achieves highest marks in the class in the term-end examination. (9) She power praises the student who achieves highest marks in the class in the term-end examination. (9) All she power praise the student who achieves highest marks in the class in the term-end examination. (1) She power praise the student who achieves highest marks in the class in the c	Question 141	Question Id · 139
Assoure: (Q) She establishes a mathematics corner in her class where students can perform various mathematical activities. (3) She always praises the student who achieves highest marks in the class in the term-end examination. (139002 (C) She shows to children the videos on Indian mathematical man of their contributions. 139003 (D) She gives mathematical puzzles and magic squares to be solved in the class. Right Answer: Right Answer: Right Option Id: 139002 She always praises the student who achieves highest marks in the class in the term-end examination. Question 142 Question 142 Question 143 Question 145 A thelps the child to be creative. 8. It helps in nurturing the childr's inagination. C. It is based on deductive reasoning. D. It is always convergent. Choose the correct option: Answer: Option Id (S) A, B and C (1) A and B (1) A and C (1) A and C (1) A and C (1) A and C (2) A and C (3) A and C (4) A and C (5) A shaws convergent. Question 143 Question 145 Question 146: 137 Who among the following has worked in the field of mathematical astronomy? Answer: Option Id (S) A, Shawara (S) Apabhata (1) Answer: Right Option Id: 137001 (S) Aryabhata (D) A manupian Question 14: 137002 Anyabhata (D) Ramanujan Question 14: 137002 Anyabhata (D) Ramanujan Question 14: 137002 Anyabhata (D) Ramanujan A regetable seller was selling spinach for € 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller cook € 21 (€ 6 • € 6 • € 6 • € 8 • € 3) from Sonu. Which of the following statements la/are true regarding the mathematical skills used by the vegetable seller cook € 21 (€ 6 • € 6 • € 6 • € 8 • € 3) from Sonu. Which of the following statements la/are true regarding the mathematical problems. A This mathematical skill is vegue. A This mathematical skill is vegue. A This mathematical skill is vegue. A Poption Id		-
(A) She establishes a mathematics comer in her class where students can perform various mathematical activities. (1) She always praises the student who achieves highest marks in the class in the term-end examination. (1) She gives mathematical puzzles and magic squares to be solved in the class. (3) She always praises the student who achieves highest marks in the class in the class. (3) She always praises the student who achieves highest marks in the class in the term-end examination. (3) She always praises the student who achieves highest marks in the class in the term-end examination. (4) A she always praise the student who achieves highest marks in the class in the term-end examination. (5) She always praises the student who achieves highest marks in the class in the term-end examination. (6) A she always praise the student who achieves highest marks in the class in the term-end examination. (7) Always she should be shou	·	
(g) She always praises the student who achieves highest marks in the class in the term-end examination. 139002 (C) She always children the videos on Indian mathematicians and their contributions. 139003 (D) She gives mathematical puzzles and magic squares to be solved in the class. Right Answer: She always praises the student who achieves highest marks in the class in the term-end examination. Right Answer: She always praises the student who achieves highest marks in the class in the term-end examination. Right Answer: She always praises the student who achieves highest marks in the class in the term-end examination. Right Answer: She always praises the student who achieves highest marks in the class in the class in the term-end examination. Right Answer: She always praises the student who achieves highest marks in the class in the class in the term-end examination. Right Answer: Option Id: 138 Question 142 Question 143 Question 144 Question 147 Right Answer: Right Option Id: 137001 (C) Bhaskara 137002 (C) Bhaskara 137003 (C) Bhaskara 137004 Right Answer: Right Answer: Right Option Id: 137002 Aryabhata Question 144 A vegetable seller was selling spinach for \$60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller tools \$21 (\$6 + \$6 + \$6 + \$6 + \$6 \$) from Sonu. Which of the following statements lu/as true regarding the mathematical skills used by the vegetable seller tools \$21 (\$6 + \$6 + \$6 + \$6 + \$6 \$) from Sonu. Which of the following statements lu/as true regarding the mathematical skills used by the vegetable seller tools \$21 (\$6 + \$6 + \$6 + \$6 + \$6 + \$6 + \$6 + \$6		
(C) She shows to hildren the videos on Indian mathematicians and their contributions. (D) She gives mathematical puzzles and magic squares to be solved in the class. Right Answer: Right Option Id: 139002 She always praises the student who achieves highest marks in the class in the term-end examination. Question 142 Question 142 Question Id: 138 Which of the following statements about nature of mathematics are most appropriate? A. It helps the child to be creative. B. It helps in murting the child's imagination. C. It is based on deductive reasoning. D. It is always convergent. Choose the correct option: Answer: Question Id: 138002 (C) B and C (B) A B and C (C) B and C (D) A and B (B) A B and C (D) A a		
(D) She gives mathematical puzzles and magic squares to be solved in the class. Right Answer: She always praises the student who achieves highest marks in the class in the term-end examination. Question 142 Question 142 Question 143 Which of the following statements about nature of mathematics are most appropriate? A. It helps the child to be creative. B. It helps in murturing the child's imagination. C. It is based on deductive reasoning. D. It is always convergent. Choose the correct option: Answer: Option Id (3) A, B and C 138001 (3) A, B and C 138001 (3) A, B and C 138002 (C) B and C 138003 (D) A and B Right Answer: Right Option Id: 133002 A, B and C Question 143 Question 143 Question 143 Question 145 Question 146 Question 147 Who among the following has worked in the field of mathematical astronomy? Answer: Option Id (A) Mahavira (B) Anyabhasa (C) Bhaskara (D) Anamong the following has worked in the field of mathematical astronomy? Answer: Answer: Answer: Answer: Answer: Answer: Agint Option Id: 137001 (B) Anyabhasa (C) Bhaskara (D) Anamong the following pass worked in the field of mathematical astronomy? Answer: Answer: Answer: Answer: Agint Option Id: 137002 Anyabhasa (C) Bhaskara (D) Anamong the following pass worked in the field of mathematical store the vegetable seller took ₹21 (₹6 + ₹6 + ₹6 + ₹3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller took ₹21 (₹6 + ₹6 + ₹6 + ₹3) from Sonu. Which of the following statements is/are true regarding the mathematical problems. A This mathematical skill is vapue A This skill is no bepriful for solving mathematical problems in class. C Such skills are helpful in developing alternative methods of solving mathematical problems. A Skill are helpful in developing alternative methods of solving mathematical problems.		
Right Answer: She always praises the student who achieves highest marks in the class in the term-end examination. Question 142 Question 142 Question 143 A It helps the child so be creative. B. It helps in untriving the child's imagination. C. It is based on deductive reasoning. D. It is always convergent. Choose the correct option: Answer: (A) A and B 138001 (B) A, B and C 138002 (C) B and C 138003 (D) A and C 138004 Right Answer: A, B and C 138004 Right Answer: A, B and C 138004 Question 143 Question 144 Answer: Answer: Aryaphata Question 144 Aveptable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical sills used by the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical sills used by the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical sills used by the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 6 + ₹ 8) from Sonu. Which of the following statements is/are true regarding the mathematical sills used by the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 6 + ₹ 8) from Sonu. Which of the following statements is/are true regarding the mathematical sills used by the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 6 + ₹ 8) from Sonu. Which of the following statements is/are true regarding the mathematical sills used by the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 6 + ₹ 8) from Sonu. Which of the following statements is/are true regarding the mathematical problems. Answer: Option Id		
She always praises the student who achieves highest marks in the class in the term-end examination. Question 142 Question 143 Which of the following statements about nature of mathematics are most appropriate? A It helps the child to be creative. B. It helps in unruing the child's imagination. C. It is based on deductive reasoning. D. It is always convergent. Choose the correct option: Answer: Option Id (A) A and B (B) A 8 and C (C) 8 and C (C) 8 and C (D) A shad	(D) She gives mathematical puzzles and magic squares to be solved in the class.	139004
She always praises the student who achieves highest marks in the class in the term-end examination. Question 142 Question 143 Which of the following statements about nature of mathematics are most appropriate? A It helps the child to be creative. B. It helps in unruing the child's imagination. C. It is based on deductive reasoning. D. It is always convergent. Choose the correct option: Answer: Option Id (A) A and B (B) A 8 and C (C) 8 and C (C) 8 and C (D) A shad	Right Answer:	Right Option Id: 139002
Question 142 Which of the following statements about nature of mathematics are most appropriate? A. It helps the child to be creative. B. It helps in murring the child's imagination. C. It is based on deductive reasoning. D. It is always convergent. Choose the correct option: Answer: Option Id (A) A and B 138001 (B) A. B and C 138002 (C) B and C 138003 (D) A and C Right Answer: Right Answer: Right Option Id: 138002 A, B and C Question 143 Question 144 Question 145 Right Answer: Right Answer: Right Option Id: 137002 Aryabhata Right Answer: Right Option Id: 137002 Aryabhata Question 144 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (* 6 + ₹ 6 + ₹ 6 + ₹ 6 + ₹ 8 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id		and of more managed
Which of the following statements about nature of mathematics are most appropriate? A. It helps the child to be creative. B. It helps in nutruting the child's imagination. C. It is based on deductive reasoning. D. It is always convergent. Choose the correct option: Answer: Option Id (A) A and B (B) A, B and C (138001 (B) A, B and C (138003 (D) A and C	the term-end examination.	
Which of the following statements about nature of mathematics are most appropriate? A. It helps the child to be creative. B. It helps in nutruting the child's imagination. C. It is based on deductive reasoning. D. It is always convergent. Choose the correct option: Answer: Option Id (A) A and B (B) A, B and C (138001 (B) A, B and C (138003 (D) A and C		
Which of the following statements about nature of mathematics are most appropriate? A. It helps the child to be creative. B. It helps in nutruting the child's imagination. C. It is based on deductive reasoning. D. It is always convergent. Choose the correct option: Answer: Option Id (A) A and B (B) A, B and C (138001 (B) A, B and C (138003 (D) A and C		
A It helps the child to be creative. B. It helps in nutruing the child's imagination. C. It is based on deductive reasoning. D. It is always convergent. Choose the correct option: Answer: Option Id (A) A and B (B) A, B and C (C) B and C (D) A and C I 38003 (D) A and C Right Answer: Right Option Id: 138002 A, B and C Question 143 Question 143 Who among the following has worked in the field of mathematical astronomy? Answer: Option Id (A) Mahavira (B) Ayapahata (C) Bhaskara (D) Ramanujan Right Answer: Right Option Id: 137003 (B) Ayapahata (D) Ramanujan Right Answer: Right Option Id: 137004 Right Answer: Right Option Id: 137002 Aryabhata Coustion 144 Question 145 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 8) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller rock ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 8) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller rock ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 8) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A This mathematical skill is vague. B. This skills is not beneficial for solving mathematical problems in class. C Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id		Question Id: 138
B. It helps in nutruring the child's imagination. C. It is based on deductive reasoning. D. It is always convergent. Choose the correct option: Answer: Option Id (A) A and B 138001 (B) A, B and C 138002 (C) B and C 138003 (D) A and C 138004 Right Answer: Right Answer: Right Option Id: 138002 A, B and C Question 143 Question Id: 137 Who among the following has worked in the field of mathematical astronomy? Answer: Option Id (B) Aryabhata 137001 (B) Aryabhata 137002 (C) Bandsara 137003 (D) Ramanujan 137004 Right Answer: Right Option Id: 137002 Aryabhata Question 144 Question Id: 137002 Aryabhata Question 144 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (Ҟ 6 + Ҟ 6 + Ҟ 6 + Ҟ 7 8) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller rock ₹ 21 (Ҟ 6 + Ҟ 6 + Ҟ 6 + Ҟ 7 8) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller took ₹ 21 (Ҟ 6 + Ҟ 6 + Ҟ 6 + Ҟ 7 8) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skill are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id		
D. It is always convergent. Choose the correct option: Answer: (A) A and B (B) A, B and C (C) B and C (D) A and		
Choose the correct option: Answer : Option Id (A) A and B		
Answer: (A) A and B (B) A, B and C (C) B and C (D) A and C (D) A and C (D) A and C (E) B a		
(B) A, B and C (C) B and C (D) A and C Question 143 Who among the following has worked in the field of mathematical astronomy? Answer: (A) Mahavira (B) Aryabhata (C) Bhaskara (D) Ramanujan Right Answer: Right Option Id (E) Aryabhata (D) Ramanujan Right Option Id (E) Right Optio		Option Id
(C) B and C (D) A and C Right Answer: A, B and C Question 143 Who among the following has worked in the field of mathematical astronomy? Answer: Option Id (A) Mahavira (B) Ayabhata (C) Bhaskara (C) Bhaskara (D) Ramanujan Right Answer: Right Option Id: 137002 (C) Bhaskara (D) Ramanujan Right Answer: Right Option Id: 137002 Aryabhata Question 144 Question 145 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id	(A) A and B	138001
(D) A and C Right Answer: A, B and C Question 143 Question Id: 137 Who among the following has worked in the field of mathematical astronomy? Answer: Option Id (A) Mahavira (B) Aryabhata (C) Bhaskara (D) Ramanujan (D) Ramanujan Right Answer: Right Answer: Right Option Id: 137002 Aryabhata Question Id: 137003 (D) Ramanujan Right Option Id: 137002 Aryabhata Question Id: 137002 Aryabhata Question Id: 137002 Aryabhata Question Id: 137002 Aryabhata Question Id: 136 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id	(B) A, B and C	138002
Right Answer: A, B and C Question 143 Question Id: 137 Who among the following has worked in the field of mathematical astronomy? Answer: Option Id (A) Mahavira (B) Aryabhata (C) Bhaskara (D) Ramanujan (D) Ramanujan Right Answer: Right Option Id: 137002 Aryabhata Question 144 Question Id: 137002 Aryabhata Question 145 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller cook ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id	(C) B and C	138003
Question 143 Question 143 Who among the following has worked in the field of mathematical astronomy? Answer: Option Id (A) Mahavira (B) Aryabhata 137002 (C) Bhaskara 137003 (D) Ramanujan 137004 Right Answer: Right Option Id: 137002 Aryabhata Question 144 Question Id: 137002 Question 145 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id	(D) A and C	138004
Question 143 Question 143 Who among the following has worked in the field of mathematical astronomy? Answer: Option Id (A) Mahavira (B) Aryabhata 137002 (C) Bhaskara 137003 (D) Ramanujan 137004 Right Answer: Right Option Id: 137002 Aryabhata Question 144 Question Id: 137002 Question 145 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id		D' 1 (0 () 11 (2000)
Question 143 Who among the following has worked in the field of mathematical astronomy? Answer: Option Id (A) Mahavira (B) Aryabhata 137002 (C) Bhaskara 137003 (D) Ramanujan 137004 Right Answer: Right Option Id: 137002 Aryabhata Question 144 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skills is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id		Right Option ia : 138002
Who among the following has worked in the field of mathematical astronomy? Answer: (A) Mahavira (B) Aryabhata (C) Bhaskara (D) Ramanujan (D) Ramanujan (D) Ramanujan (E) Aryabhata (D) Ramanujan (E) Right Answer: Aryabhata Question Id: 137002 Question 144 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id		
Who among the following has worked in the field of mathematical astronomy? Answer: (A) Mahavira (B) Aryabhata (C) Bhaskara (D) Ramanujan (D) Ramanujan (D) Ramanujan (E) Aryabhata (D) Ramanujan (E) Right Answer: Aryabhata Question Id: 137002 Question 144 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id		
Who among the following has worked in the field of mathematical astronomy? Answer: (A) Mahavira (B) Aryabhata (C) Bhaskara (D) Ramanujan (D) Ramanujan (D) Ramanujan (E) Aryabhata (D) Ramanujan (E) Right Answer: Aryabhata Question Id: 137002 Question 144 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id	Question 143	Question Id: 137
(A) Mahavira (B) Aryabhata (C) Bhaskara (D) Ramanujan Right Answer: Aryabhata Right Option Id: 137002 Question 144 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id		
(C) Bhaskara (D) Ramanujan Right Answer: Aryabhata Question 144 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id	Answer:	Option Id
(C) Bhaskara (D) Ramanujan Right Answer: Aryabhata Right Option Id: 137002 Right Option Id: 137002 Question 144 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id	(A) Mahavira	137001
Right Answer: Aryabhata Right Option Id: 137002 Right Option Id: 137002 Question 144 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id		
Right Answer: Aryabhata Question 144 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer: Option Id		
Question 144 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Option Id	(D) Ramanujan	13/004
Question 144 A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Option Id	Right Answer:	Right Option Id: 137002
A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Option Id	Aryabhata	
A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Option Id		
A vegetable seller was selling spinach for ₹ 60 per kg. Sonu purchased 350 g of spinach for which the vegetable seller took ₹ 21 (₹ 6 + ₹ 6 + ₹ 6 + ₹ 3) from Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Option Id	Question 144	Ougeties 14 : 136
Sonu. Which of the following statements is/are true regarding the mathematical skills used by the vegetable seller? Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer:		
Choose the correct option: A. This mathematical skill is vague. B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer:		2.(
B. This skill is not beneficial for solving mathematical problems in class. C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer:	Choose the correct option :	
C. Such skills are helpful in developing alternative methods of solving mathematical problems. Answer:		
Answer: Option Id		
(A) Only C 136001		Option Id
	(A) Only C	136001

(B) A and B	136002	
(C) Only A	136003	
(D) Only B	136004	
Right Answer: Only C	Right Option Id : 136001	
Question 145	Question Id: 135	
Which of the following statements is not correct?		
Answer:	Option Id	
(A) Errors of the students should be overlooked as pointing errors will demotivate them.	135001	
(B) Errors of the students give information about their thought process.	135002	
(C) Errors in mathematics are part of learning.	135003 135004	
(D) Errors in mathematics help teachers in planning their lessons.	133004	
Right Answer:	Right Option Id : 135001	
Errors of the students should be overlooked as pointing errors will		
demotivate them.		
	A 6	
Question 146	Question Id: 134	
Monday : April : : Friday : ?	Ontion Id	
Answer:	Option Id	
(A) July (B) Saturday	134001 134002	
(C) August	134002	
(D) Tuesday	134004	
Right Answer:	Right Option Id: 134003	
August		
Question 147	Question Id: 133	
Choose the word which is least like the other words in the group. Answer:	Option Id	
(A) Kidney	133001	
(B) Heart	133002	
(C) Lung	133003	
(D) Ear	133004	
	D. I. O. V II. 400000	
Right Answer: Heart	Right Option Id: 133002	
Tical Control of the		
Question 148	Question Id : 132	
60,30,120,15,240?	Question id : 132	
Answer:	Option Id	
(A) 30	132001	
(B) 120	132002	
(C) 140	132003	
(D) 71/2	132004	
Right Answer:	Right Option Id : 132004	
71/2	Agair Option is . 132004	
Question 149	Question Id: 140	
In a certain code, if BAD is written as YZW and SAID is written as HZRW, then LIFE will be written as:		
Answer:	Option Id	
(A) ORUV	140001	
(C) OQVU (B) OSUV	140002	
(C) OQVU (D) ORVW	140003 140004	
(E) -	140004	

Right Answer: ORUV	Right Option Id : 140001
Question 150 Pointing towards Sita, Nikhil said, "I am the only son of her mother's son". How is Sita related to	Question Id : 150
Answer:	Option Id
(A) Aunt	150001
(B) Niece	150002
(C) Mother	150003
(D) Cousin	150004
Right Answer:	Right Option Id: 150001
Aunt	