



RRB GROUP - D **SHIFT - 3 (27-09-2022)**

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रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS  
सी ई एन आर आर सी - ०१/२०१९ - CEN RRC - 01/2019



Test Date	27/09/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

**\* Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : Level 1

**Q.1** Which of the following numbers will replace the question mark (?) in the given number series?

2.9, 4.4, 5.9, 7.4, 8.9, ?

- Ans  1. 10.4  
 2. 9.4  
 3. 9.9  
 4. 10.9

Question ID : 75189713643  
Option 1 ID : 75189754570  
Option 2 ID : 75189754569  
Option 3 ID : 75189754571  
Option 4 ID : 75189754572  
Status : Answered  
Chosen Option : 1

**Q.2** Find the area of a rhombus whose diagonals measure 24.6 cm and 28.6 cm, respectively.

- Ans  1.  $351.78 \text{ cm}^2$   
 2.  $703.56 \text{ cm}^2$   
 3.  $657.46 \text{ cm}^2$   
 4.  $251.78 \text{ cm}^2$

Question ID : 75189712085  
Option 1 ID : 75189748340  
Option 2 ID : 75189748339  
Option 3 ID : 75189748337  
Option 4 ID : 75189748338  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.3** The units digit of a 2-digit number is three times its tens digit. If the units digit is 6, what is the value of twice the number?

- Ans
- ✓ 1. 52
  - ✗ 2. 26
  - ✗ 3. 48
  - ✗ 4. 24

Question ID : 75189712068  
Option 1 ID : 75189748270  
Option 2 ID : 75189748269  
Option 3 ID : 75189748272  
Option 4 ID : 75189748271  
Status : Answered  
Chosen Option : 1

**Q.4** Find the arithmetic mean of the following data.

$x$	5	10	15	20	25	30
$f$	3	5	6	2	1	3

- Ans
- ✗ 1. 13.5
  - ✓ 2. 15.5
  - ✗ 3. 12.5
  - ✗ 4. 14.5



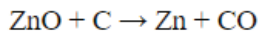
Question ID : 75189712987  
Option 1 ID : 75189751946  
Option 2 ID : 75189751948  
Option 3 ID : 75189751945  
Option 4 ID : 75189751947  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.5** When copper oxide is added to dilute hydrochloric acid, the colour of the acid changes to blue-green, due to the formation of \_\_\_\_\_.

- Ans
- ✗ 1. water
  - ✗ 2. hydrogen gas
  - ✓ 3. copper (II) chloride
  - ✗ 4. copper (I) chloride

Question ID : 75189711893  
Option 1 ID : 75189747571  
Option 2 ID : 75189747570  
Option 3 ID : 75189747569  
Option 4 ID : 75189747572  
Status : Answered  
Chosen Option : 4

Q.6 Identify the substance that is reduced in the following reaction.



- Ans
- 1. O
  - 2. Zn
  - 3. C
  - 4. ZnO

Question ID : 75189714499  
Option 1 ID : 75189757996  
Option 2 ID : 75189757995  
Option 3 ID : 75189757993  
Option 4 ID : 75189757994  
Status : Answered  
Chosen Option : 4

Q.7 If  $x = b + c$ ,  $y = c - a$ ,  $z = a - b$ , then find the value of  $x^2 + y^2 + z^2 - 2xy - 2xz + 2yz$ .

- Ans
- 1.  $2b$
  - 2.  $4c^2$
  - 3.  $4b^2$
  - 4.  $4a^2$



Question ID : 75189711779  
Option 1 ID : 75189747116  
Option 2 ID : 75189747113  
Option 3 ID : 75189747115  
Option 4 ID : 75189747114  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.8 A square-shaped coil of copper wires is rotating in a magnetic field. Then direction of the induced current in the coil changes once in each:

- Ans
- 1. one-fourth of the revolution of the coil
  - 2. one-half of the revolution of the coil
  - 3. one-eighth of the revolution of the coil
  - 4. one-sixth of the revolution of the coil

Question ID : 75189712234  
Option 1 ID : 75189748933  
Option 2 ID : 75189748935  
Option 3 ID : 75189748934  
Option 4 ID : 75189748936  
Status : Not Answered  
Chosen Option : --

**Q.9** In Mendel's experiments, crossing a pea plant bearing yellow-coloured peas with a plant bearing green-coloured peas gave plants that all had yellow-coloured peas. If these plants were allowed to self-pollinate and 500 peas were collected from them, how many would be green-coloured?

- Ans**
- 1. Around 220
  - 2. Around 440
  - 3. Around 330
  - 4. Around 110

Question ID : 75189712295  
Option 1 ID : 75189749178  
Option 2 ID : 75189749180  
Option 3 ID : 75189749179  
Option 4 ID : 75189749177  
Status : Not Answered  
Chosen Option : --

**Q.10** The most widespread forests in India are of what type?

- Ans**
- 1. Mangrove Forests
  - 2. Tropical Evergreen Forests
  - 3. Tropical Deciduous Forests
  - 4. Montane Forests

Question ID : 7518979434  
Option 1 ID : 75189737735  
Option 2 ID : 75189737734  
Option 3 ID : 75189737736  
Option 4 ID : 75189737733  
Status : Answered  
Chosen Option : 3

**Q.11** Bleaching powder is produced by the action of chlorine on?

- Ans**
- 1. Quick lime
  - 2. Slaked lime
  - 3. Sodium chloride
  - 4. Caustic soda

Question ID : 75189710364  
Option 1 ID : 75189741455  
Option 2 ID : 75189741454  
Option 3 ID : 75189741456  
Option 4 ID : 75189741453  
Status : Answered  
Chosen Option : 2

Q.12 Who won the third edition of the BBC Indian Sportswoman of the Year Award in 2021?

- Ans
- 1. Saina Nehwal
  - 2. Mirabai Chanu
  - 3. Radha Yadav
  - 4. PV Sindhu

Question ID : 75189712546  
Option 1 ID : 75189750184  
Option 2 ID : 75189750181  
Option 3 ID : 75189750182  
Option 4 ID : 75189750183  
Status : Answered  
Chosen Option : 4

Q.13 रक्तगट A असलेल्या एका पुरुषाचा, B रक्तगटाच्या एका स्त्रीशी विवाह झाला, त्यांना AB गटाचे एक मूल होते. अनुवंशशास्त्राच्या दृष्टीने याचा अर्थ काय आहे?

- Ans
- 1. रक्तगट A साठी जीन प्रभावी आहे आणि B रक्तगटासाठी जीन अप्रभावी आहे.
  - 2. रक्तगट B साठी जीन प्रभावी आहे आणि रक्तगट A साठी जीन अप्रभावी आहे.
  - 3. रक्तगट A साठी जीन आणि B रक्तगटासाठी जीन हे दोन्ही अप्रभावी आहेत.
  - 4. रक्तगट A साठी जीन आणि B रक्तगटासाठी जीन हे दोन्ही प्रभावी आहेत.

Question ID : 75189712296  
Option 1 ID : 75189749181  
Option 2 ID : 75189749182  
Option 3 ID : 75189749184  
Option 4 ID : 75189749183  
Status : Answered  
Chosen Option : 4

Q.14 A group of friends are playing a game sitting together facing north. Rehana is to the left of Arjun, who is seated exactly in front of Somil. If Arjun exchanges his position with Somil, to which direction of Arjun is Rehana seated now?

- Ans
- 1. North
  - 2. South-West
  - 3. North-West
  - 4. North-East

Question ID : 75189713634  
Option 1 ID : 75189754533  
Option 2 ID : 75189754536  
Option 3 ID : 75189754535  
Option 4 ID : 75189754534  
Status : Answered  
Chosen Option : 3

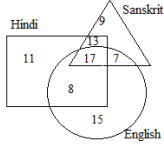
**Q.15** Bharti starts from point T and drives 7 km towards north. Then she turns right, drives 4 km, turns right and drives 10 km. She then turns right and walks 6 km. She takes a final right turn, drives 3 km and stops at point E. How far and in which direction should she drive to reach point T from point E?

(All turns are 90° turns only)

- Ans**
- 1. 2 km towards north
  - 2. 2 km towards east
  - 3. 2 km towards west
  - 4. 2 km towards south

Question ID : 75189713110  
Option 1 ID : 75189752437  
Option 2 ID : 75189752439  
Option 3 ID : 75189752440  
Option 4 ID : 75189752438  
Status : Answered  
Chosen Option : 2

**Q.16** Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of students speaking various languages.



How many students can speak all three languages i.e. Sanskrit, Hindi and English?

- Ans**
- 1. 25
  - 2. 17
  - 3. 30
  - 4. 24

Question ID : 75189711411  
Option 1 ID : 75189745642  
Option 2 ID : 75189745641  
Option 3 ID : 75189745644  
Option 4 ID : 75189745643  
Status : Answered  
Chosen Option : 2

**Q.17** आपल्या खाण्याच्या सर्वोत्तम खालीलपैकी कोणता बदल आपल्या पर्यावरणावर सर्वात मोठा परिणाम करेल?

- Ans**
- 1. अन्नाची नासाडी थांबवणे
  - 2. प्रक्रिया केलेले अन्न टाळणे
  - 3. मांस आणि पशूज उत्पादनांचा त्याग करणे
  - 4. आपले स्वतःचे अन्न पिकवणे

Question ID : 75189712330  
Option 1 ID : 75189749319  
Option 2 ID : 75189749320  
Option 3 ID : 75189749318  
Option 4 ID : 75189749317  
Status : Answered  
Chosen Option : 1

**Q.18** Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

FAN 15, KFS 20, PKX 25, UPC 30, ?

- Ans**
- 1. YSL 40
  - 2. YLS 45
  - 3. ZVI 35
  - 4. ZUH 35

Question ID : 7518978240  
Option 1 ID : 75189732958  
Option 2 ID : 75189732960  
Option 3 ID : 75189732957  
Option 4 ID : 75189732959  
Status : Answered  
Chosen Option : 4

**Q.19** जर एखाद्या गुंतवणुकीवर वार्षिक 4% दराने सरळ व्याज मिळत असेल, तर गुंतवणूक दुप्पट होण्यासाठी किती वर्षे लागतील?

- Ans**
- 1. 10
  - 2. 20
  - 3. 25
  - 4. 15

Question ID : 75189713304  
Option 1 ID : 75189753213  
Option 2 ID : 75189753214  
Option 3 ID : 75189753215  
Option 4 ID : 75189753216  
Status : Answered  
Chosen Option : 3

**Q.20** If '+' means '+', '-' means '-', '\*' means '\*', '/' means '/', what will come in place of the question mark (?) in the following equation?

$$3 + 8 \times 2 + 1 - 5 = ?$$

- Ans**
- 1. 6
  - 2. 5
  - 3. 4
  - 4. 7

Question ID : 75189714140  
Option 1 ID : 75189756557  
Option 2 ID : 75189756559  
Option 3 ID : 75189756560  
Option 4 ID : 75189756558  
Status : Answered  
Chosen Option : 3



Q.21 Name the tiny pores present on leaves of plants.

- Ans  1. Stomata  
 2. Chloroplasts  
 3. Lenticels  
 4. Guard cells

Question ID : 75189712580  
Option 1 ID : 75189750318  
Option 2 ID : 75189750319  
Option 3 ID : 75189750320  
Option 4 ID : 75189750317  
Status : Answered  
Chosen Option : 1

Q.22 हा प्रश्न खाली दिलेल्या पाच, पाच-अंकी संख्यांवर आधारित आहे.

(डावी) 72238 83745 52227 72253 63776 (उजवी)

(उदाहरण: 697 - पहिला अंक = 6, दुसरा अंक = 9, तिसरा अंक = 7)

(टीप: सर्व क्रियाकलाप डावीकडून उजवीकडे करायच्या आहेत.)

जर प्रत्येक संख्येच्या पहिल्या अंकातून 1 वजा केल्यास, तर किती संख्यांच्या पहिल्या अंकाला 3 ने पूर्ण भाग जाईल?

- Ans  1. तीन  
 2. पाच  
 3. चार  
 4. दोन

Question ID : 75189711560  
Option 1 ID : 75189746238  
Option 2 ID : 75189746240  
Option 3 ID : 75189746239  
Option 4 ID : 75189746237  
Status : Answered  
Chosen Option : 4

Q.23 A statement is given followed by four conclusions. Find out which conclusion is INCORRECT based on the given statement.

Statement:  $G \geq B > D > P < H = C$

Conclusions:

- 1)  $P < C$   
2)  $G > P$   
3)  $D < C$   
4)  $B > P$

- Ans  1. 4  
 2. 2  
 3. 3  
 4. 1

Question ID : 75189713185  
Option 1 ID : 75189752740  
Option 2 ID : 75189752738  
Option 3 ID : 75189752739  
Option 4 ID : 75189752737  
Status : Answered

**Q.24** Refer to the following letter, number, symbol series and answer the question.

(Left) B & Z S 6 N M @ 4 X & 7 L # 3 T Z \* 5 (Right)

How many such symbols are there which are immediately preceded by a letter and also immediately followed by a number?

- Ans
- ✓ 1. Five
  - ✗ 2. Four
  - ✗ 3. Two
  - ✗ 4. Three

Question ID : 75189711535  
Option 1 ID : 75189746140  
Option 2 ID : 75189746139  
Option 3 ID : 75189746137  
Option 4 ID : 75189746138  
Status : Answered  
Chosen Option : 1

**Q.25** Simplify the given expression.

$$(y - z)^3 + (z - x)^3 + (x - y)^3$$

- Ans
- ✓ 1.  $3(x - y)(y - z)(z - x)$
  - ✗ 2.  $3(x - y)(y - z)(z + x)$
  - ✗ 3.  $(x - y)(y - z)(z - x)$
  - ✗ 4.  $3(x - y)(y - z)(x - z)$

Question ID : 75189711774  
Option 1 ID : 75189747095  
Option 2 ID : 75189747094  
Option 3 ID : 75189747093  
Option 4 ID : 75189747096  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.26** Plants release excess water through a process called:

- Ans
- ✗ 1. evaporation
  - ✓ 2. transpiration
  - ✗ 3. transportation
  - ✗ 4. translocation

Question ID : 75189710176  
Option 1 ID : 75189740701  
Option 2 ID : 75189740704  
Option 3 ID : 75189740702  
Option 4 ID : 75189740703  
Status : Answered  
Chosen Option : 2

**Q.27** In a certain code language, 5, 8, 2, 3, 4, 1, 7 and 6 are coded as P, W, D, L, X, T, A and G, respectively.

If the last two digits of the number-cluster are odd, then the first and last digits are to be coded as Q.

If the last two digits of the number-cluster are even, then the first and last digits are to be coded as L.

How will '231578' be coded in that language?

- Ans**
- 1. LLTPAL
  - 2. DLTPAL
  - 3. DLTPAW
  - 4. LLTPAW

Question ID : 75189714246

Option 1 ID : 75189756981

Option 2 ID : 75189756982

Option 3 ID : 75189756984

Option 4 ID : 75189756983

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.28** कचऱ्याचे उत्पादन कमी करण्यासाठी सर्वात प्रभावी उपाय कोणता आहे?

- Ans**
- 1. केरकचरा
  - 2. कंपोस्ट खत तयार करणे
  - 3. पुनर्वापर
  - 4. दहन

Question ID : 75189712314

Option 1 ID : 75189749255

Option 2 ID : 75189749254

Option 3 ID : 75189749253

Option 4 ID : 75189749256

Status : **Answered**

Chosen Option : 3

**Q.29** Which Gana did Gautam Buddha belong to?

- Ans**
- 1. Lichhavi
  - 2. Malla
  - 3. Moriya
  - 4. Sakya

Question ID : 75189712140

Option 1 ID : 75189748558

Option 2 ID : 75189748557

Option 3 ID : 75189748559

Option 4 ID : 75189748560

Status : **Answered**

Chosen Option : 4

**Q.30** Two pipes can fill a cistern, individually, in 60 min and 75 min, respectively. There is a pipe located at the bottom of the cistern to empty it. If all the three pipes are opened simultaneously, then the empty cistern gets filled in 50 min. How long will the pipe at the bottom of the tank take to empty the completely filled cistern if no other pipe is then open?

- Ans**
- 1. 100 min
  - 2. 75 min
  - 3. 200 min
  - 4. 150 min

Question ID : 75189712982  
Option 1 ID : 75189751926  
Option 2 ID : 75189751925  
Option 3 ID : 75189751928  
Option 4 ID : 75189751927  
Status : Answered  
Chosen Option : 1

**Q.31** In which of the following years did the Twelfth Five Year Plan end?

- Ans**
- 1. 2018
  - 2. 2019
  - 3. 2016
  - 4. 2017

Question ID : 75189710581  
Option 1 ID : 75189742323  
Option 2 ID : 75189742324  
Option 3 ID : 75189742321  
Option 4 ID : 75189742322  
Status : Answered  
Chosen Option : 4

**Q.32** Which of the following numbers will replace the question mark (?) in the given number series?

19, 19, 21, 63, 67, ?

- Ans**
- 1. 330
  - 2. 72
  - 3. 335
  - 4. 196

Question ID : 75189713645  
Option 1 ID : 75189754580  
Option 2 ID : 75189754577  
Option 3 ID : 75189754578  
Option 4 ID : 75189754579  
Status : Answered  
Chosen Option : 3

Q.33 In which year was the AU Small Finance Bank founded?

- Ans
- 1. 1996
  - 2. 2012
  - 3. 2005
  - 4. 2000

Question ID : 75189712476  
Option 1 ID : 75189749902  
Option 2 ID : 75189749903  
Option 3 ID : 75189749901  
Option 4 ID : 75189749904  
Status : Not Answered  
Chosen Option : --

Q.34 A, B, C, D, E and F are sitting around a circular table facing the centre. B is sitting second to the right of D. C is sitting third to the right of A. A is an immediate neighbour of both E and F. D sits to the immediate right of E. Who is sitting to the immediate left of B ?

- Ans
- 1. A
  - 2. C
  - 3. F
  - 4. D

Question ID : 75189713148  
Option 1 ID : 75189752591  
Option 2 ID : 75189752589  
Option 3 ID : 75189752592  
Option 4 ID : 75189752590  
Status : Answered  
Chosen Option : 2

Q.35 M, N, O, P, Q and R live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Q lives on an odd-numbered floor but not on the lowermost floor. Only one person lives between Q and N. R lives immediately above Q. Only two people live between O and Q. If P lives immediately above R, where does M live?

- Ans
- 1. 6th floor
  - 2. 4th floor
  - 3. 2nd floor
  - 4. 1st floor

Question ID : 75189714895  
Option 1 ID : 75189759578  
Option 2 ID : 75189759577  
Option 3 ID : 75189759580  
Option 4 ID : 75189759579  
Status : Answered  
Chosen Option : 3

Q.36 Express  $3.\overline{31}$  in the form  $\frac{p}{q}$ , where p and q are integers and  $q \neq 0$ .

- Ans
- 1.  $\frac{329}{99}$
  - 2.  $\frac{328}{99}$
  - 3.  $\frac{10}{3}$
  - 4.  $\frac{109}{33}$

Question ID : 75189712913  
Option 1 ID : 75189751651  
Option 2 ID : 75189751650  
Option 3 ID : 75189751652  
Option 4 ID : 75189751649  
Status : Answered  
Chosen Option : 2

Q.37 Five friends live on five different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 5. Only Meera lives on the floor between Shrishti and Richa. Anshul lives on the floor immediately below Richa. Chandan lives on the first floor. No one lives above Shrishti. Who lives on the second floor?

- Ans
- 1. Shrishti
  - 2. Anshul
  - 3. Meera
  - 4. Richa

Question ID : 75189714175  
Option 1 ID : 75189756700  
Option 2 ID : 75189756699  
Option 3 ID : 75189756697  
Option 4 ID : 75189756698  
Status : Answered  
Chosen Option : 2

Q.38 Select the correct group of statements that support the criteria of being a classical language in India according to the Government of India.

The language in its property should have:

- A) high antiquity of its early texts/recorded history over a period of 1500-2000 years.
- B) a body of ancient literature/texts, which is considered a valuable heritage by a generations of speakers
- C) original literary tradition that is not borrowed from another speech community
- D) been spoken by at least two million active speakers

- Ans
- 1. A, C and D
  - 2. A, B and D
  - 3. A, B and C
  - 4. B, C and D

Question ID : 75189713994  
Option 1 ID : 75189755975  
Option 2 ID : 75189755976  
Option 3 ID : 75189755974  
Option 4 ID : 75189755973  
Status : Answered

Q.39 If  $\tan q + \cot q = 14$ , then find the value of  $7\tan^2 q + 7\cot^2 q$ .

- Ans
- 1. 198
  - 2. 194
  - 3. 1358
  - 4. 1386

Question ID : 75189712102  
Option 1 ID : 75189748408  
Option 2 ID : 75189748405  
Option 3 ID : 75189748407  
Option 4 ID : 75189748406  
Status : Answered  
Chosen Option : 3

Q.40 \_\_\_\_\_ helps to maintain potential difference across a conductor.

- Ans
- 1. Battery
  - 2. Plug key
  - 3. Resistance
  - 4. Voltmeter

Question ID : 75189713815  
Option 1 ID : 75189755258  
Option 2 ID : 75189755257  
Option 3 ID : 75189755259  
Option 4 ID : 75189755260  
Status : Answered  
Chosen Option : 4

Q.41 Which of the following is produced when magnesium ribbon burns in the presence of air?

- Ans
- 1. Blue powder of magnesium oxide
  - 2. White powder of magnesium dioxide
  - 3. White powder of magnesium oxide
  - 4. White powder of magnesium carbonate

Question ID : 75189712773  
Option 1 ID : 75189751090  
Option 2 ID : 75189751091  
Option 3 ID : 75189751089  
Option 4 ID : 75189751092  
Status : Answered  
Chosen Option : 3

**Q.42** Ramu works in shop for ₹125 per hour. If his pay is increased to ₹145 per hour, find his percentage increase in pay.

- Ans**
- 1. 18%
  - 2. 12%
  - 3. 14%
  - 4. 16%

Question ID : 75189712935  
Option 1 ID : 75189751740  
Option 2 ID : 75189751737  
Option 3 ID : 75189751738  
Option 4 ID : 75189751739  
Status : Answered  
Chosen Option : 4

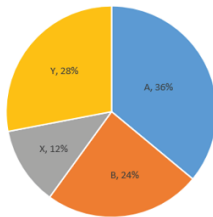
**Q.43** 145 is divided into two parts, a and b, such that  $a : b :: 2 : 3$ . Also,  $a : c :: c : b$  and  $c > 0$ . Find the value of c, correct to the nearest integer.

- Ans**
- 1. 71
  - 2. 75
  - 3. 61
  - 4. 65

Question ID : 75189712946  
Option 1 ID : 75189751783  
Option 2 ID : 75189751784  
Option 3 ID : 75189751781  
Option 4 ID : 75189751782  
Status : Answered  
Chosen Option : 3

**Q.44** Study the given pie-chart and answer the following question.

The given pie chart depicts the number of chairs manufactured of four brands (A, B, X and Y). The total number of chairs manufactured of the four brands together is 200.



The total manufacturing cost of chairs of Brand A was ₹14,400. What was the manufacturing cost of one chair of Brand A?

- Ans**
- 1. ₹200
  - 2. ₹240
  - 3. ₹150
  - 4. ₹220

Question ID : 75189712741  
Option 1 ID : 75189750964  
Option 2 ID : 75189750963  
Option 3 ID : 75189750961  
Option 4 ID : 75189750962  
Status : Answered  
Chosen Option : 1



**Q.45** Direction of the magnetic field produced by the straight conductor carrying current in the east direction is along the \_\_\_\_\_ direction

- Ans
- 1. south
  - 2. west
  - 3. north
  - 4. east

Question ID : 75189714092  
Option 1 ID : 75189756367  
Option 2 ID : 75189756366  
Option 3 ID : 75189756365  
Option 4 ID : 75189756368  
Status : Not Answered  
Chosen Option : --

**Q.46** Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)  
(11, 117, 2)  
(9, 56, 5)

- Ans
- 1. (13, 169, 2)
  - 2. (12, 108, 6)
  - 3. (7, 46, 1)
  - 4. (10, 98, 2)

Question ID : 75189711625  
Option 1 ID : 75189746499  
Option 2 ID : 75189746500  
Option 3 ID : 75189746497  
Option 4 ID : 75189746498  
Status : Not Answered  
Chosen Option : --

**Q.47** Which of the following are the three-carbon molecules formed during respiration?

- Ans
- 1. Pyruvate and ethanol
  - 2. Lactic acid and pyruvate
  - 3. Ethanol and lactic acid
  - 4. Ethanol and malic acid

Question ID : 75189710198  
Option 1 ID : 75189740791  
Option 2 ID : 75189740790  
Option 3 ID : 75189740789  
Option 4 ID : 75189740792  
Status : Answered  
Chosen Option : 3

**Q.48** The \_\_\_\_\_ is a macroeconomic term that refers to the proportion of income that is saved rather than spent on current goods and services.

- Ans**
- 1. Marginal propensity to consume
  - 2. Marginal propensity to save
  - 3. Average propensity to consume
  - 4. Average propensity to save

Question ID : 75189714065  
Option 1 ID : 75189756260  
Option 2 ID : 75189756257  
Option 3 ID : 75189756258  
Option 4 ID : 75189756259  
Status : Answered  
Chosen Option : 4

**Q.49** Select the correct balanced chemical equation for the given reaction.

Zinc + Silver nitrate  $\rightarrow$  Zinc nitrate + Silver

- Ans**
- 1.  $2\text{Zn (s)} + \text{AgNO}_3 \text{ (aq)} \rightarrow 2\text{ZnNO}_3 \text{ (aq)} + \text{Ag (s)}$
  - 2.  $\text{Zn (s)} + 2\text{AgNO}_3 \text{ (aq)} \rightarrow \text{Zn (NO}_3)_2 \text{ (aq)} + 2\text{Ag (s)}$
  - 3.  $\text{Zn (s)} + \text{AgNO}_3 \text{ (aq)} \rightarrow \text{ZnNO}_3 \text{ (aq)} + \text{Ag (s)}$
  - 4.  $2\text{Zn (s)} + \text{AgNO}_3 \text{ (aq)} \rightarrow \text{ZnNO}_3 \text{ (aq)} + \text{Ag (s)}$

Question ID : 75189714758  
Option 1 ID : 75189759030  
Option 2 ID : 75189759031  
Option 3 ID : 75189759029  
Option 4 ID : 75189759032  
Status : Answered  
Chosen Option : 3

**Q.50** In an electrical circuit, five identical bulbs are connected in parallel to each other to a battery of 20 V (negligible internal resistance). When all the five bulbs glow, a current of 5 A is recorded. Then the power dissipated in the circuit and the resistance of each bulb are \_\_\_\_\_ and \_\_\_\_\_, respectively.

- Ans**
- 1. 56.25 W, 2.25  $\Omega$
  - 2. 38.75 W, 1.55  $\Omega$
  - 3. 46.25 W, 1.85  $\Omega$
  - 4. 31.25 W, 1.25  $\Omega$

Question ID : 75189712222  
Option 1 ID : 75189748886  
Option 2 ID : 75189748887  
Option 3 ID : 75189748888  
Option 4 ID : 75189748885  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.51** The potential difference across a resistor of 2 ohm when 200 joule of heat is produced each second is given by

- Ans**
- 1. 10 volt
  - 2. 80 volt
  - 3. 40 volt
  - 4. 20 volt

Question ID : 75189713839  
Option 1 ID : 75189755353  
Option 2 ID : 75189755356  
Option 3 ID : 75189755355  
Option 4 ID : 75189755354  
Status : Answered  
Chosen Option : 4

**Q.52** An object of height 3 cm is placed at a distance 30 cm in front of a convex lens of focal length 20 cm. The height of the image will be:

- Ans**
- 1. 10 cm
  - 2. 4 cm
  - 3. 8 cm
  - 4. 6 cm

Question ID : 75189711287  
Option 1 ID : 75189745148  
Option 2 ID : 75189745145  
Option 3 ID : 75189745147  
Option 4 ID : 75189745146  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.53** In which of the following years, was the Article 21-A inserted in the Constitution of India, which deals with the Fundamental Right of getting compulsory education for all children in the age group of six to fourteen years?

- Ans**
- 1. 2003
  - 2. 2004
  - 3. 2001
  - 4. 2002

Question ID : 75189712518  
Option 1 ID : 75189750071  
Option 2 ID : 75189750072  
Option 3 ID : 75189750069  
Option 4 ID : 75189750070  
Status : Answered  
Chosen Option : 4

**Q.54** What is name of the grant-in-aid scheme of the department under Tribal Sub Plan that aims at improving living conditions and empowerment of scheduled tribes based on sustainable science and technology (S & T) activities/application?

Ans  1. Technical Interventions for Tribal Empowerment (TITE)

2.

Technological Interventions for Tribal Empowerment (TITE)

3. Technological Interventions for Tribal Enablement (TITE)

4.

Technological Involvements for Tribal Empowerment (TITE)

Question ID : 75189712443  
Option 1 ID : 75189749770  
Option 2 ID : 75189749772  
Option 3 ID : 75189749771  
Option 4 ID : 75189749769  
Status : Not Answered  
Chosen Option : --

**Q.55** The average score of a cricketer in his first 7 innings is 28 runs. His average score in the next 3 innings is 32 runs. Determine the score he should get in his 11<sup>th</sup> inning so that his overall average score becomes 33 runs.

Ans  1. 50

2. 55

3. 71

4. 49

Question ID : 75189713439  
Option 1 ID : 75189753754  
Option 2 ID : 75189753755  
Option 3 ID : 75189753756  
Option 4 ID : 75189753753  
Status : Answered  
Chosen Option : 3

**Q.56** Suppose Ram has placed a ball in front of a concave mirror of focal length ( $f$ ) at various distances ( $u$ ) and he has measured the corresponding image distances ( $v$ ). From the values of  $u$  and  $v$ , Ram is able to plot a graph of  $1/v$  against  $1/u$ . From the graph, Ram has observed that  $x$  intercept and  $y$  intercept are 0.1 cm and 0.11 cm, respectively. Then the focal length of the mirror is:

Ans  1. 9.55 cm

2. 11.25 cm

3. 12.65 cm

4. 8.5 cm

Question ID : 75189712200  
Option 1 ID : 75189748797  
Option 2 ID : 75189748798  
Option 3 ID : 75189748800  
Option 4 ID : 75189748799  
Status : Not Answered  
Chosen Option : --

**Q.57** How many such pairs of letters are there in the word INTERNATIONAL (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

- Ans
- 1. 5
  - 2. 7
  - 3. 4
  - 4. 6

Question ID : 75189713205  
Option 1 ID : 75189752819  
Option 2 ID : 75189752817  
Option 3 ID : 75189752820  
Option 4 ID : 75189752818  
Status : Answered  
Chosen Option : 1

**Q.58** खालीलपैकी कोणते विधान अनिवार्यपणे सत्य नाही?

- Ans
- 1. एका समांतरभुज चौकोनाचे कर्ण एकमेकांचे विभाजन करतात
  - 2. एका आयताचे कर्ण एकमेकांचे विभाजन करतात.
  - 3. एका पतंगाचे कर्ण एकमेकांचे विभाजन करतात
  - 4. एका समभुज चौकोनाचे कर्ण एकमेकांचे विभाजन करतात

Question ID : 75189713414  
Option 1 ID : 75189753654  
Option 2 ID : 75189753653  
Option 3 ID : 75189753656  
Option 4 ID : 75189753655  
Status : Answered  
Chosen Option : 3

**Q.59** Select the set in which the numbers are related in the same way as are the numbers of the following sets.  
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed.  
Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)  
(17, 238, 7)  
(23, 414, 9)

- Ans
- 1. (19, 360, 9)
  - 2. (13, 273, 7)
  - 3. (27, 270, 5)
  - 4. (15, 225, 15)

Question ID : 75189713132  
Option 1 ID : 75189752526  
Option 2 ID : 75189752528  
Option 3 ID : 75189752527  
Option 4 ID : 75189752525  
Status : Not Answered  
Chosen Option : --

**Q.60** During the revolt of 1857, which of the following Jat leaders mobilised the headmen and cultivators in and around pargana Barut in Uttar Pradesh to rebel against the British?

- Ans**
- 1. Gajadhar Singh
  - 2. Maulvi Ahmadullah Shah
  - 3. Shah Mal
  - 4. Maulvi Liyakat Ali

Question ID : 75189712357  
Option 1 ID : 75189749427  
Option 2 ID : 75189749425  
Option 3 ID : 75189749428  
Option 4 ID : 75189749426  
Status : Not Answered  
Chosen Option : --

**Q.61** Study the given table and answer the following question.

	Number of cushions sold in	
	February	March
Store X	196	114
Store Y	72	98
Store Z	84	155

The total number of cushions sold by store X in February and March is what percentage more than the number of cushions sold by store Z in March?

- Ans**
- 1. 200%
  - 2. 50%
  - 3. 100%
  - 4. 155%

Question ID : 75189712743  
Option 1 ID : 75189750971  
Option 2 ID : 75189750970  
Option 3 ID : 75189750969  
Option 4 ID : 75189750972  
Status : Answered  
Chosen Option : 4

**Q.62** If the sum of two numbers is 48, while the HCF of these two numbers is 6, then the total number of such pairs of numbers  $(x, y)$ , where  $x > y$ , is:

- Ans**
- 1. 2
  - 2. 1
  - 3. 3
  - 4. 4

Question ID : 75189713279  
Option 1 ID : 75189753115  
Option 2 ID : 75189753116  
Option 3 ID : 75189753114  
Option 4 ID : 75189753113  
Status : Answered  
Chosen Option : 1

**Q.63** In a certain code language, 'BFKMT' is written as 'CHNQY' and 'XUAFL' is written as 'YWDJQ'. How will 'GESIO' be written in that language?

- Ans**
- 1. HFUJQ
  - 2. HGVMT
  - 3. HGVOT
  - 4. HGUMT

Question ID : 75189713101  
Option 1 ID : 75189752401  
Option 2 ID : 75189752404  
Option 3 ID : 75189752402  
Option 4 ID : 75189752403  
Status : Answered  
Chosen Option : 2

**Q.64** दिलेल्या संख्या, चिन्ह मालिकेचा संदर्भ घ्या आणि पुढील प्रश्नाचे उत्तर द्या.

(डावी) 9 + \$ 5 @ \$ 2 6 3 % 2 & 8 # \* 2 9 ! 4 3 (उजवी)

अशी किती चिन्हे आहेत (डावीकडून उजवीकडे) ज्यांच्या लगतच आधी एक चिन्ह आणि लगतच नंतर सम संख्या येते?

- Ans**
- 1. 4
  - 2. 1
  - 3. 3
  - 4. 2

Question ID : 75189714550  
Option 1 ID : 75189758200  
Option 2 ID : 75189758197  
Option 3 ID : 75189758199  
Option 4 ID : 75189758198  
Status : Answered  
Chosen Option : 4

**Q.65** Which of the following represents a quadratic equation?

- Ans**
- 1.  $4x^2 + 6x + 5 = 4x(x + 1)$
  - 2.  $(x + 7)4 = 14$
  - 3.  $3x + 7 = 7x^3$
  - 4.  $5x^2 + 4x - 2 = 7x$

Question ID : 75189712076  
Option 1 ID : 75189748304  
Option 2 ID : 75189748302  
Option 3 ID : 75189748303  
Option 4 ID : 75189748301  
Status : Answered  
Chosen Option : 2

**Q.66** A shopkeeper bought articles A and B for a total of ₹2,540. He sold A at a gain of 15% and sold B at a loss of 25%. The selling price of A was ₹109 more than that of B. His profit or loss percentage in the entire transaction is (correct to one decimal place):

- Ans**
- 1. loss, 8.5%
  - 2. profit, 8.3%
  - 3. loss, 8.3%
  - 4. profit, 8.5%

Question ID : 75189712627

Option 1 ID : 75189750507

Option 2 ID : 75189750505

Option 3 ID : 75189750506

Option 4 ID : 75189750508

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.67** The difference between the total surface area and the lateral surface area of a cube is 4050 units<sup>2</sup>. Find the length of each side of the cube.

- Ans**
- 1. 54 units
  - 2. 45 units
  - 3. 40 units
  - 4. 35 units

Question ID : 75189713407

Option 1 ID : 75189753626

Option 2 ID : 75189753627

Option 3 ID : 75189753625

Option 4 ID : 75189753628

Status : Answered

Chosen Option : 2

**Q.68** Five friends live on five different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 5. Namita lives on the floor which is second from the top. Sanjana lives on one of the floor between Anand and Ritu. Avdhesh lives on the floor immediately above Namita. Ritu lives on the lowermost floor. Who lives on the fourth floor from the top?

- Ans**
- 1. Sanjana
  - 2. Anand
  - 3. Avdhesh
  - 4. Namita

Question ID : 75189714178

Option 1 ID : 75189756709

Option 2 ID : 75189756711

Option 3 ID : 75189756712

Option 4 ID : 75189756710

Status : Answered

Chosen Option : 4



**Q.69** If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 38572352, what will be the sum of the digits which are second from the left and fourth from the right in the number thus formed?

- Ans**
- 1. 10
  - 2. 4
  - 3. 11
  - 4. 12

Question ID : 75189714566  
Option 1 ID : 75189758262  
Option 2 ID : 75189758261  
Option 3 ID : 75189758263  
Option 4 ID : 75189758264  
Status : Answered  
Chosen Option : 4

**Q.70** Five friends, Hiba, Suhani, Pritam, Ahmed, and Rosy are sitting around a circular table facing the centre. Rosy is second to the right of Pritam, and is an immediate neighbour to both Suhani and Ahmed. If Ahmed is second to the left of Pritam, where is Hiba seated?

- Ans**
- 1. To the immediate left of Suhani
  - 2. Second to the left of Suhani
  - 3. Third to the left of Suhani
  - 4. Second to the right of Suhani

Question ID : 75189714894  
Option 1 ID : 75189759574  
Option 2 ID : 75189759575  
Option 3 ID : 75189759573  
Option 4 ID : 75189759576  
Status : Answered  
Chosen Option : 2

**Q.71** Navya and Bhavya can paint a house in 20 days and 30 days, respectively. If they work on alternate days, starting with Bhavya, in how many days can the duo complete painting that house?

- Ans**
- 1. 48 days
  - 2. 40 days
  - 3. 12 days
  - 4. 24 days

Question ID : 75189712981  
Option 1 ID : 75189751922  
Option 2 ID : 75189751921  
Option 3 ID : 75189751924  
Option 4 ID : 75189751923  
Status : Answered  
Chosen Option : 4

**Q.72** By selling an article for ₹940 a man incurs a loss of 6%. What is its cost price?

- Ans**
- 1. ₹1,250
  - 2. ₹1,000
  - 3. ₹480
  - 4. ₹960

Question ID : 75189712961  
Option 1 ID : 75189751841  
Option 2 ID : 75189751844  
Option 3 ID : 75189751842  
Option 4 ID : 75189751843  
Status : Answered  
Chosen Option : 2

**Q.73** In the Leviathan telescope in Ireland, a concave mirror of focal length 3.0 m is used. If an image of height 80 cm is formed at a distance of 4.0 m, then the object height, object distance and magnification are (the object is placed in front of the mirror):

- Ans**
- 1. 2.4 m, 12 m and  $\frac{1}{2}$  respectively
  - 2. 2.4 m, 12 m and  $\frac{1}{3}$  respectively
  - 3. 1.2 m, 12 m and  $\frac{1}{3}$  respectively
  - 4. 2.4 m, 6 m and  $\frac{1}{3}$  respectively

Question ID : 75189711264  
Option 1 ID : 75189745055  
Option 2 ID : 75189745054  
Option 3 ID : 75189745053  
Option 4 ID : 75189745056  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.74** An integrated scheme for school education, 'Samagra Shiksha Scheme' of the Government of India has been continued for which of the following periods?

- Ans**
- 1. 2022-23 to 2026-27
  - 2. 2020-21 to 2025-26
  - 3. 2019-20 to 2024-25
  - 4. 2021-22 to 2025-26

Question ID : 7518976780  
Option 1 ID : 75189727120  
Option 2 ID : 75189727118  
Option 3 ID : 75189727117  
Option 4 ID : 75189727119  
Status : Not Answered  
Chosen Option : --

**Q.75** या प्रश्नात एक विधान त्यानंतर I आणि II हे दोन युक्तिवाद दिले आहेत. विधान आणि युक्तिवाद काळजीपूर्वक वाचा आणि दिलेल्या पर्यायांमधून योग्य उत्तर निवडा.

विधान:

सकाळी लवकर उठण्याचे अनेक फायदे आहेत.

युक्तिवाद:

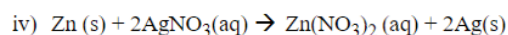
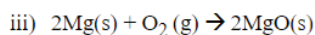
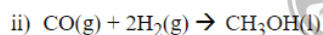
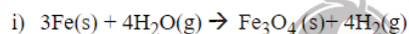
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II. लवकर उठणे तुम्हाला तणावमुक्त ठेवते.

- Ans**
1. I विधानाला कमकुवत करतो, तर II बळकटी देतो
2. I आणि II दोन्ही विधानांना कमकुवत करतात
3. I आणि II दोन्ही विधानांना बळकटी देतात
4. II विधानाला कमकुवत करतो, तर I बळकटी देतो

Question ID : 75189713926  
Option 1 ID : 75189755701  
Option 2 ID : 75189755703  
Option 3 ID : 75189755704  
Option 4 ID : 75189755702  
Status : Answered  
Chosen Option : 3

**Q.76** Which of the following chemical reactions are examples of combination reactions?



- Ans**
1. i and ii
2. iii and iv
3. i and iv
4. ii and iii

Question ID : 75189714760  
Option 1 ID : 75189759037  
Option 2 ID : 75189759040  
Option 3 ID : 75189759039  
Option 4 ID : 75189759038  
Status : Answered  
Chosen Option : 1

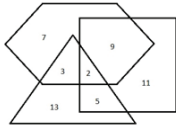
Q.77 Which of the following national sports events is NOT associated with cricket?

- Ans
- 1. Deodhar Trophy
  - 2. Durand Cup
  - 3. Vijay Hazare Trophy
  - 4. Ranji Trophy

Question ID : 75189713972  
Option 1 ID : 75189755887  
Option 2 ID : 75189755888  
Option 3 ID : 75189755886  
Option 4 ID : 75189755885  
Status : Answered  
Chosen Option : 2

Q.78 In the following Venn diagram, the square represents 'creative people', the hexagon represents 'painters', and the triangle represents 'people who live in rural areas'.

Select the option which represents the number of creative painters who live in rural areas.



- Ans
- 1. 5
  - 2. 9
  - 3. 2
  - 4. 3

Question ID : 75189714194  
Option 1 ID : 75189756775  
Option 2 ID : 75189756774  
Option 3 ID : 75189756776  
Option 4 ID : 75189756773  
Status : Answered  
Chosen Option : 3

Q.79 If  $x = \frac{2}{3}$  is one of the solutions of the quadratic equation  $7x^2 + kx - 3 = 0$ , then the value of  $k$  satisfies the equation:

- Ans
- 1.  $6k^2 - 3k - 1 = 0$
  - 2.  $6k^2 - 5k + 1 = 0$
  - 3.  $12k^2 - 4k - 1 = 0$
  - 4.  $12k^2 + 4k - 1 = 0$

Question ID : 75189712647  
Option 1 ID : 75189750586  
Option 2 ID : 75189750585  
Option 3 ID : 75189750588  
Option 4 ID : 75189750587  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.80** Integrated approach in S&T for Sustainable Future' is the theme for which one of the following?

- Ans**
- 1. National Engineers Day 2022
  - 2. National Doctors' Day 2022
  - 3. National Science Day 2022
  - 4. National Teachers Day 2022

Question ID : 75189713978  
Option 1 ID : 75189755909  
Option 2 ID : 75189755912  
Option 3 ID : 75189755910  
Option 4 ID : 75189755911  
Status : Answered  
Chosen Option : 3

**Q.81** Stars twinkle at night due to:

- Ans**
- 1. atmospheric scattering of starlight
  - 2. atmospheric reflection of starlight
  - 3. atmospheric dispersion
  - 4. atmospheric refraction of starlight



Question ID : 7518979539  
Option 1 ID : 75189738154  
Option 2 ID : 75189738156  
Option 3 ID : 75189738153  
Option 4 ID : 75189738155  
Status : Answered  
Chosen Option : 4

**Q.82** OT 05 is related to SX 07 in a certain way. In the same way, GK 09 is related to KO 11. To which of the following is BG 13 related following the same logic?

- Ans**
- 1. KF 15
  - 2. FK 20
  - 3. FK 15
  - 4. KF 51

Question ID : 7518979868  
Option 1 ID : 75189739472  
Option 2 ID : 75189739471  
Option 3 ID : 75189739469  
Option 4 ID : 75189739470  
Status : Answered  
Chosen Option : 3

Q.83

In March 2022, Narasingapettai Nagaswaram of which state has received the Geographical Indication Tag?

Ans

✓ 1. Tamil Nadu

✗ 2. Punjab

✗ 3. Haryana

✗ 4. Kerala

Question ID : 7518973904  
Option 1 ID : 75189715616  
Option 2 ID : 75189715615  
Option 3 ID : 75189715613  
Option 4 ID : 75189715614  
Status : Answered  
Chosen Option : 4

Q.84 What will happen if bubbles of air are sent through lime water taken in a container?

Ans ✓ 1.

The solution will turn milky due to insoluble suspension of Calcium carbonate

✗ 2. The temperature will rise due to an exothermic reaction

✗ 3. The solution will foam and froth

✗ 4. The solution will instantly red as reacts with lime

Question ID : 75189712259  
Option 1 ID : 75189749034  
Option 2 ID : 75189749035  
Option 3 ID : 75189749033  
Option 4 ID : 75189749036  
Status : Not Answered  
Chosen Option : --

Q.85 The 73<sup>rd</sup> and 74<sup>th</sup> Amendments to the Indian Constitution provide for elections to local bodies \_\_\_\_\_.

Ans ✗ 1. every year

✓ 2. after every five years

✗ 3. after every two years

✗ 4. after every three years

Question ID : 75189714077  
Option 1 ID : 75189756305  
Option 2 ID : 75189756306  
Option 3 ID : 75189756308  
Option 4 ID : 75189756307  
Status : Answered  
Chosen Option : 2

**Q.86** Which two numbers, from among the given options, should be interchanged to make the given equation correct?

$$21 + 9 + 99 - 81 \times 5 = 3$$

- Ans**
- 1. 9 and 81
  - 2. 21 and 81
  - 3. 21 and 5
  - 4. 9 and 5

Question ID : 75189713724  
Option 1 ID : 75189754894  
Option 2 ID : 75189754896  
Option 3 ID : 75189754893  
Option 4 ID : 75189754895  
Status : Answered  
Chosen Option : 2

**Q.87** Which of the following days marked the 17<sup>th</sup> Foundation Day of the National Commission for Protection of Child Rights?

- Ans**
- 1. 2 March 2022
  - 2. 4 March 2022
  - 3. 3 March 2022
  - 4. 1 March 2022

Question ID : 7518977452  
Option 1 ID : 75189729806  
Option 2 ID : 75189729808  
Option 3 ID : 75189729807  
Option 4 ID : 75189729805  
Status : Not Answered  
Chosen Option : --

**Q.88** Let  $x = 55^{100} + 55^{101} + 55^{102}$ . Which of the following prime number is NOT a factor of  $x$  ?

- Ans**
- 1. 3
  - 2. 79
  - 3. 11
  - 4. 71

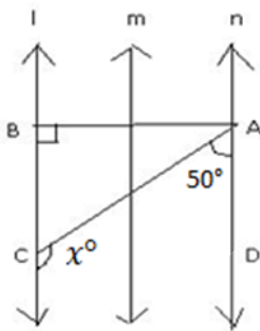
Question ID : 75189712613  
Option 1 ID : 75189750449  
Option 2 ID : 75189750452  
Option 3 ID : 75189750450  
Option 4 ID : 75189750451  
Status : Not Answered  
Chosen Option : --

Q.89 With reference to cost, what is the full form of SMC from the following?

- Ans
- 1. Special Marginal Cost
  - 2. Subjective Marginal Cost
  - 3. Silent Marginal Cost
  - 4. Short run Marginal Cost

Question ID : 75189712485  
Option 1 ID : 75189749938  
Option 2 ID : 75189749940  
Option 3 ID : 75189749939  
Option 4 ID : 75189749937  
Status : Answered  
Chosen Option : 1

Q.90 In the given figure, l is parallel to m and m is parallel to n. Find the value of  $x^\circ$ .



- Ans
- 1.  $130^\circ$
  - 2.  $100^\circ$
  - 3.  $30^\circ$
  - 4.  $50^\circ$

Question ID : 75189712089  
Option 1 ID : 75189748356  
Option 2 ID : 75189748355  
Option 3 ID : 75189748353  
Option 4 ID : 75189748354  
Status : Answered  
Chosen Option : 4

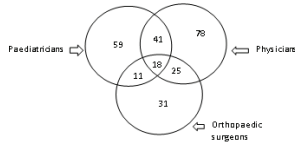
Q.91 If  $0.045 + 0.154 - 0.09 + 1.5 - (0.3 \times 0.8) = x - 0.231$ , then the value of  $x$  lies between:

- Ans
- 1. 1.8 and 2.0
  - 2. 1.5 and 1.8
  - 3. 1.1 and 1.3
  - 4. 1.3 and 1.5

Question ID : 75189712602  
Option 1 ID : 75189750408  
Option 2 ID : 75189750407  
Option 3 ID : 75189750405  
Option 4 ID : 75189750406  
Status : Answered  
Chosen Option : 3



**Q.92** Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many such persons are there who are paediatricians and also orthopaedic surgeons but NOT physicians?

- Ans**
- 1. 19
  - 2. 40
  - 3. 36
  - 4. 11

Question ID : 75189713036  
 Option 1 ID : 75189752142  
 Option 2 ID : 75189752144  
 Option 3 ID : 75189752141  
 Option 4 ID : 75189752143  
 Status : Answered  
 Chosen Option : 4

**Q.93**  $[\{(324 \div 9) \div 4\} \times 25 + 186]$  equals:

- Ans**
- 1. 411
  - 2. 141
  - 3. 114
  - 4. 386

Question ID : 75189711997  
 Option 1 ID : 75189747985  
 Option 2 ID : 75189747988  
 Option 3 ID : 75189747986  
 Option 4 ID : 75189747987  
 Status : Answered  
 Chosen Option : 1

**Q.94** The Constitution of India does NOT consider \_\_\_\_\_ as a part of the Union Executive.

- Ans**
- 1. Vice President
  - 2. Prime Minister of India and her/his Council of Ministers
  - 3. President of India
  - 4. Advocate-General of State

Question ID : 7518978597  
 Option 1 ID : 75189734388  
 Option 2 ID : 75189734386  
 Option 3 ID : 75189734385  
 Option 4 ID : 75189734387  
 Status : Answered  
 Chosen Option : 4

Q.95 In the Modern Periodic Table, phosphorous is placed in the \_\_\_\_\_.

- Ans
- 1. 14<sup>th</sup> group and 2<sup>nd</sup> period
  - 2. 15<sup>th</sup> group and 3<sup>rd</sup> period
  - 3. 14<sup>th</sup> group and 3<sup>rd</sup> period
  - 4. 15<sup>th</sup> group and 2<sup>nd</sup> period

Question ID : 75189714501  
Option 1 ID : 75189758003  
Option 2 ID : 75189758002  
Option 3 ID : 75189758004  
Option 4 ID : 75189758001  
Status : Answered  
Chosen Option : 2

Q.96 खालीलपैकी पश्चिम बंगालमधील सर्वात मोठा मेळा कोणता आहे?

- Ans
- 1. रास मेळा
  - 2. जयदेव केंदुली मेळा
  - 3. गंगासागर मेळा
  - 4. रामकेली मेळा, मालदा

Question ID : 75189712364  
Option 1 ID : 75189749453  
Option 2 ID : 75189749454  
Option 3 ID : 75189749456  
Option 4 ID : 75189749455  
Status : Not Answered  
Chosen Option : --

Q.97 In a group of six friends, Teena, Monu, Lalit, Rekha, Garima and Suman, each has a different height. Lalit is shorter than Garima and Rekha but taller than Monu. Suman is shorter than only Teena. Who is the shortest among all the six friends?

- Ans
- 1. Monu
  - 2. Suman
  - 3. Lalit
  - 4. Garima

Question ID : 75189711514  
Option 1 ID : 75189746055  
Option 2 ID : 75189746054  
Option 3 ID : 75189746056  
Option 4 ID : 75189746053  
Status : Answered  
Chosen Option : 1

Q.98 How many triads were identified by Dobereiner in his system of classification of elements?

- Ans
- 1. Six
  - 2. Five
  - 3. Four
  - 4. Three

Question ID : 75189711918  
Option 1 ID : 75189747670  
Option 2 ID : 75189747669  
Option 3 ID : 75189747671  
Option 4 ID : 75189747672  
Status : Answered  
Chosen Option : 4

Q.99 Simplify the given expression.

$$\left[ (x - y) + \frac{y^2}{x + y} \right] \div \left[ x^2 + y^2 + \frac{y^4}{x^2 - y^2} \right] \times \frac{y^2}{x - y}$$

- Ans
- 1.  $\frac{y^2}{x^2}$
  - 2.  $\frac{x^2 - y^2}{x^2 y^2}$
  - 3.  $\frac{x^2}{y^2}$
  - 4.  $x^2 y^2$



Question ID : 75189712643  
Option 1 ID : 75189750570  
Option 2 ID : 75189750571  
Option 3 ID : 75189750569  
Option 4 ID : 75189750572  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.100 Which of the following types of soils found in India cover about 40 per cent of the total area of the country?

- Ans
- 1. Alluvial soils
  - 2. Black soils
  - 3. Red and yellow soils
  - 4. Laterite soils

Question ID : 75189712402  
Option 1 ID : 75189749605  
Option 2 ID : 75189749606  
Option 3 ID : 75189749607  
Option 4 ID : 75189749608  
Status : Answered  
Chosen Option : 1