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Memory Based Paper
29 and 30 Jan, 2024

Que. 1 निर्देश : निम्नलिखित शब्दों के उपयुक्त पर्यायवाची छाँटिए :

भागीरथी

1. गंगा
2. निर्झरिणी
3. सरिता
4. यमुना

Correct Option - **1**

Que. 2 दिये गये विकल्पों में से कौन सा एक 'घोड़ा' शब्द का पर्यायवाची शब्द नहीं है-

1. तुरंग
2. घोटक
3. हय
4. मतंग

Correct Option - **4**

Que. 3 इनमें से कौन-सा कवि अष्टछाप का नहीं है?

1. सूरदास
2. कुम्भनदास
3. नन्ददास
4. रैदास

Correct Option - **4**

Que. 4 'अनुवाद' में प्रयुक्त उपसर्ग है-

1. अ
2. अन
3. अव
4. अनु

Correct Option - **4**

Que. 5 निम्नलिखित चिन्हों में से 'विवरण - चिन्ह' कौन - सा है?

1. -

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2. \
3. ?
4. :-

Correct Option - **4**

Que. 6   अलंकार के कितने भेद होते है ?

1. दो
2. तीन
3. चार
4. पाँच

Correct Option - **2**

Que. 7   'गोधूम' शब्द का तद्भव है

1. धुवाँ
2. सन्ध्या
3. गेहूँ
4. गोधूलि

Correct Option - **3**

Que. 8   निम्न में से किस युग्म का अर्थ क्रमशः आदत एवं तीर होता है।

1. बान एवं बाण
2. वार एवं बाण
3. बान एवं बार
4. बार एवं बाण

Correct Option - **1**

Que. 9   रामधारी सिंह 'दिनकर' की पहली रचना है

1. हुंकार
2. रश्मिरथी
3. प्रणभंग
4. रेणुका

Correct Option - **3**

Que. 10   निम्नलिखित में से तात्कालिक वर्तमानकाल का सही उदाहरण कौन-सा है?

1. शान गीत गा रहा है।
2. वह कार्यालय गया।
3. हिमालय में वर्षा होती होगी/हो रही होगी।
4. यह बस स्कूल जाती है।

Correct Option - **1**

Que. 11 निम्नलिखित में से कौन-सा वाक्य मध्यम पुरुषवाचक सर्वनाम का सही उदाहरण है?

1. मैं कार्य करता हूँ।
2. तुम अपना कार्य नहीं करते हो।
3. हम आगरा जाएंगे।
4. यह पेंसिल है।

Correct Option - **2**

Que. 12 निम्नलिखित में से विभक्तियाँ "में, पर" निम्न में से किस कारक की है?

1. सम्प्रदान कारक
2. सम्बोधन कारक
3. सम्बंध कारक
4. अधिकरण कारक

Correct Option - **4**

Que. 13 किस शब्द में 'य' प्रत्यय विधमान है ?

1. जय
2. सभ्य
3. चय
4. यत्न

Correct Option - **2**

Que. 14 'अशक्त' का विलोम शब्द क्या है?

1. विशक्त
2. नशक्त
3. आसक्त
4. सशक्त

Correct Option - **4**

Que. 15 निम्न में से किस वाक्य में 'मृदु' के सही विलोम शब्द का प्रयोग हुआ है?

1. यह पुष्प अत्यंत उपमित है।
2. यह पुष्प अत्यंत आकीर्ण है।
3. यह पुष्प अत्यंत रुक्ष है।
4. यह पुष्प अत्यंत सुकोमल है।

Correct Option - **3**

Que. 16 निम्नलिखित में से शुद्ध वर्तनी वाला शब्द कौन सा हैं?

1. नमष्कार
2. नमस्कार
3. नमश्कार
4. नमोष्कार

Correct Option - **2**

Que. 17 भारत की राजभाषा _____ नहीं है।

1. मिज़ो
2. हिंदी
3. कोंकणी
4. कन्नड़

Correct Option - **1**

Que. 18 हर्ष, शोक, विस्मय इत्यादि भावों को प्रकट करने वाला अव्यय है-

1. समुच्चयबोधक अव्यय
2. क्रिया-विशेषण
3. विस्मयादिबोधक अव्यय
4. संबंधसूचक अव्यय

Correct Option - **3**

Que. 19 निम्नलिखित में मिश्रित वाक्य है

1. चौकीदार आकर डंडा घुमाकर चला गया
2. जैसे ही चौकीदार आया वैसे ही वह डंडा घुमाकर चला गया
3. जब चौकीदार आया तब डंडा घुमाकर चला गया
4. इनमें से कोई नहीं

Correct Option - **2**

Que. 20   निम्नलिखित में से सरल वाक्य है

1. मूर्तिकार ने सुना और जवाब दिया
2. जब सभा समाप्त हुई, तो सब लोग चले गए
3. मूर्तिकार ने सुनकर जवाब दिया
4. जब सुबह हुई, तो भौरे गुनगुनाने लगे

Correct Option - **3**

Que. 21   "वह तख्त पर सोता है" में कौन-सा वाच्य है?

1. कर्म वाच्य
2. भाव वाच्य
3. कर्तृ वाच्य
4. इनमें से कोई नहीं

Correct Option - **3**

Que. 22   संस्कृत से सीधा संबंध किस भाषा का है?

1. आधुनिक भारतीय भाषाएँ
2. अपभ्रंश
3. प्राकृत
4. हिंदी

Correct Option - **3**

Que. 23   'विप्रलंभ' का आशय है:

1. संयोग
2. महायोग
3. वियोग
4. योग

Correct Option - **3**

Que. 24   "तुम थोड़ा अधिक डालो" वाक्य में कौन सा क्रिया विशेषण है?

1. परिमाणवाचक
2. कालवाचक
3. स्थानवाचक

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4. रीतिवाचक

Correct Option - **1**

Que. 25 | सुभद्रा कुमारी चौहान की रचना कौन सी है?

1. पल्लव
2. उर्वशी
3. वीरों का कैसा हो बसंत
4. सुहाग के नूपुर

Correct Option - **3**

Que. 26 | छप्पय कितनी चरणों का छंद है?

1. 18
2. 16
3. 6
4. 24

Correct Option - **3**

Que. 27 | कवि का स्त्रीलिंग शब्द है -

1. कवित्री
2. कवियत्री
3. कवयित्री
4. कवियित्री

Correct Option - **3**

Que. 28 | कौन-सा शब्द हमेशा एकवचन में प्रयुक्त होता है?

1. श्रोताजन
2. जनता
3. स्त्रीजन
4. नारिवृन्द

Correct Option - **2**

Que. 29 | 'हथेली पर सरसों जमाना' इस मुहावरे का अर्थ निम्न विकल्पों में से कौन सा है?

1. असंभव काम न कर दिखाना
2. असंभव काम कर दिखाना

3. संभव काम न कर दिखाना
4. संभव काम कर दिखाना

Correct Option - **2**

Que. 30 'अंधे की लकड़ी' मुहावरे का अर्थ निम्न विकल्पों में से कौन सा है?

1. अंधे के हाथ की लकड़ी
2. बुढ़ापे का कई सहारा होना
3. बुढ़ापे का एकमात्र सहारा
4. बुढ़ापे का एकमात्र सहारा न होना

Correct Option - **3**

Que. 31 'चिदंबरा' के लिए सुमित्रानंदन पंत को कौन-सा पुरस्कार प्राप्त हुआ था?

1. सरस्वती सम्मान
2. ज्ञानपीठ पुरस्कार
3. साहित्य अकादमी
4. व्यास सम्मान

Correct Option - **2**

Que. 32 विशेष्य वह शब्द होता है-

1. जिस शब्द की विशेषता बताई जाती है
2. जिस शब्द के द्वारा विशेषता बताई जाती है
3. जिस शब्द हेतु विशेषता बताई जाती है
4. उपर्युक्त में से कोई नहीं

Correct Option - **1**

Que. 33 निम्नलिखित में से कौन सा शब्द विशेष्य है?

1. अग्नि
2. आसीन
3. मधुर
4. कर्मठ

Correct Option - **1**

Que. 34 'मणि-मणी' शब्द-युग्म का सही अर्थ है-

1. रत्न - सर्प

2. नशा - शराब
3. आधार - कीमत
4. रस - लय

Correct Option - **1**

Que. 35 'प्रदीप - प्रतीप' का सही अर्थ है-

1. बगल - बन्धन
2. विशेष - दीपक
3. बन्धन - बगल
4. दीपक - उल्टा

Correct Option - **4**

Que. 36 दिये गए गद्यांश को ध्यानपूर्वक पढ़ें और दिये गए प्रश्नों का उत्तर दीजिये।

राम की रावण के ऊपर विजय उतनी महत्वपूर्ण नहीं है जितनी राम की प्रजा के मनोविज्ञान के ऊपर यह विजय। राम का वैयक्तिक जीवन अपनी प्राण-सहचरी के प्रति इस गंभीर-स्नेह-भावना से सर्वथा परिप्लावित है और वे सामाजिक समरसता के प्रतीक तो चाहें बाद में बनें, वैयक्तिक समरसता के तो वे मूर्तिमान उदाहरण हैं। संभवतः लोक से अधिक वे व्यक्ति में ही सफल हुए हैं जब कि भगवान श्रीकृष्ण का व्यक्तिगत संबंध किसी से है ही नहीं, जिनकी इंद्रियों को शतसहस्त्र रमणियों की कुहक विमथित नहीं कर सकी थी, जिन्हें पुत्र पौत्रादि का सुख एक क्षण भी खींच नहीं सका, जिन्हें स्वजनों का विनाश भी लोकहित के लिए अभीष्ट हो गया था और जिन्हें जीवन भर विराट विरक्ति बनी रही अपने व्यक्तित्व के प्रति। पर हाय री विडंबने, वे कृष्ण प्रेम के आराध्य देवता हो गए, वे जादूवाले कन्हैया हो गए और कामुकता के लिए एक सुलभ आलंबन।

राम की लोकप्रियता का श्रेय लोक रंजन को आज तक भले ही दिया जाता रहा हो, पर मेरी दृष्टि में यह श्रेय उनकी व्यक्ति की पूर्णतया को अधिक देना चाहिए। राम लोक- हृदय पर विजयी हुए हैं इसलिए कि वे अपने ऊपर विजयी हैं, कृष्ण अपने ऊपर विजयी आपातत: हैं, इसे उन्होंने साधन बनाया है अपने लोक-विजय के लिए दोनों के महान चरित्रों का यही विश्लेषण है और दोनों के आदर्श पृथक-पृथक क्षेत्रों में हैं, इसे एक दूसरे के साथ मिलाना नहीं चाहिए।

गद्यांश के लिए अधिक उपयुक्त शीर्षक कौन सा है ?

1. राम की भक्ति और शक्ति
2. राम तथा कृष्ण की तुलना
3. कृष्ण की महत्ता
4. राम और कृष्ण की लोक-विजय

Correct Option - **4**

Que. 37 राम लोक- हृदय पर क्यों विजयी हुए हैं?

1. इसलिए की वे प्रजा को महत्व देते थे।
2. इसलिए कि वे अपने ऊपर विजयी हैं।
3. इसलिए कि लोक से अधिक वे व्यक्ति में ही सफल हुए हैं।
4. इसलिए के उन्होंने रावण को पराजित किया था।

Correct Option - **2**

Que. 38 गद्यांश में 'परिप्लावित' शब्द का अर्थ है-

1. आश्रित
2. आसक्त
3. मोहित
4. सराबोर

Correct Option - **4**

Que. 39 राम किसके मूर्तिमान उदाहरण हैं?

1. सामाजिक समरसता के
2. सहचरी के प्रति गंभीर-स्नेह-भावना के
3. राम की रावण के ऊपर विजय के
4. वैयक्तिक समरसता के

Correct Option - **4**

Que. 40 किसे राम की लोकप्रियता का अधिक श्रेय देना चाहिए?

1. राम के व्यक्तित्व की पूर्णता को
2. लोक रंजन को
3. सीता की पतिव्रता को
4. रावण के ज्ञान को

Correct Option - **1**

Que. 41 DPSP (Directive Principles of State Policy) for the Indian Constitution was inspired by which among the following Constitutions?

1. USA
2. France
3. Ireland
4. None of these

Correct Option - **3**

Que. 42 Who is the current administrator of UNDP?

1. Mark Lowcock
2. Achim Steiner
3. Kristalina Georgieva

4. David Beasley

Correct Option - **2**

Que. 43 Which of the following lakes of Uttar Pradesh have been included under the "Lake Conservation Program"?

1. Ramgarh Tal
2. Mansi Ganga Tal
3. Laxmi Tal
4. Madanasagar Tal

   1.   Only 1 and 2
   2.   Only 1 and 3
   3.   Only 1, 2 and 3
   4.   1, 2, 3, and 4

Correct Option - **1**

Que. 44 Gorakhpur is located along the bank of which of the following rivers?

   1.   Yamuna river
   2.   Ganga river
   3.   Rapti river
   4.   Gomati river

Correct Option - **3**

Que. 45 Who is known as "The Wizard of Hockey"?

   1.   Maurice Richard
   2.   Bobby Hull
   3.   Manzoor Husain
   4.   Major Dhyanchand

Correct Option - **4**

Que. 46 With reference to the medieval history of India, the Battle of Khanwa was fought between:

   1.   Rana Sanga and Humayun
   2.   Ibrahim Lodi and Babur
   3.   Ibrahim Lodi and Akbar
   4.   Rana Sanga and Babur

Correct Option - **4**

Que. 47 The height of Qutub Minar is _____.

1. 43 m
2. 53 m
3. 63 m
4. 73 m

Correct Option - **4**

Que. 48 Papikonda National Park is located in which state?

1. Karnataka
2. Rajasthan
3. Madhya Pradesh
4. Andhra Pradesh

Correct Option - **4**

Que. 49 First Five Year Plan of India was based on the

1. Harrod Domar Model
2. Mahalanobis Model
3. Dadabhai Naroji Model
4. J.L. Nehru Model

Correct Option - **1**

Que. 50 Which of the following article states about "the Administration of union territories"?

1. Article 239
2. Article 239A
3. Article 239B
4. Article 239AA

Correct Option - **1**

Que. 51 _____ has recently taken oath as the Governor of Assam.

1. Ramesh Bias
2. Ganeshi Lal
3. C P Radhakrishnan
4. Gulab Chand Kataria

Correct Option - **4**

Que. 52 GST stands for _____.

1. Goods and Services Tax
2. Growth and Service Tax

3. Growth and Sale Tax

4. Goods and Sales Tax

Correct Option - **1**

Que. 53 | Bhitargaon temple is situated at _____.

1. Prayagraj
2. Meerut
3. Kanpur
4. Agra

Correct Option - **3**

Que. 54 | Article 22 of the Constitution ensures

1. Right not to be ill-treated during arrest or while in custody
2. Right to Constitutional Remedies
3. Right against Exploitation
4. Right to Education

Correct Option - **1**

Que. 55 | What is the currency of Iran?

1. Renminbi
2. Rial
3. Rouble
4. Dinar

Correct Option - **2**

Que. 56 | Who among the following was popularly known as the parrot of India?

1. Tansen
2. lbn Battuta
3. Amir Khusrow
4. Ziauddin Barani

Correct Option - **3**

Que. 57 | The validation of certain Acts and Regulations contains which schedule of the Indian constitution?

1. 11th Schedule
2. 4th Schedule
3. 9th Schedule
4. 12th Schedule

Correct Option - **3**

Que. 58 | Which Viceroy announced the Partition of Bengal.

1. Lord Curzon
2. Lord Minto II
3. Lord Lytton
4. Lord Wellesley

Correct Option - **1**

Que. 59 | What is the capital of Myanmar?

1. Manila
2. Pyongyang
3. Islamabad
4. Nay Pyi Taw

Correct Option - **4**

Que. 60 | Who is the winner of Men's IPL 2023?

1. Mumbai Indians
2. Gujarat Titans
3. Royal Challengers Bangalore
4. Chennai Super Kings

Correct Option - **4**

Que. 61 | International Women's Day is observed on _____ .
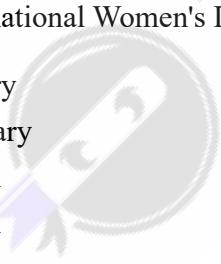
1. 09 January
2. 01 February
3. 08 March
4. 25 March

Correct Option - **3**

Que. 62 | In which year was the practice of Sati banned?

1. 1832
2. 1829
3. 1824
4. 1825

Correct Option - **2**

Que. 63 National Bank for Agriculture and Rural Development (NABARD) was established on -

1. 12th July, 1986
2. 12th July, 1982
3. 12th July, 1978
4. 12th July, 1992

Correct Option - **2**

Que. 64 'Vishva Hindi Diwas' is observed on which day of the year?

1. January 6
2. January 7
3. January 9
4. January 10

Correct Option - **4**

Que. 65 The famous Khajuraho temple located in Madhya Pradesh was built by the rulers of which dynasty?

1. Satavahana dynasty
2. Gonanda Dynasty
3. Chandela Dynasty
4. Chera Dynasty

Correct Option - **3**

Que. 66 Who has become the first athlete from India to clock a sub-nine-minute time in the women's 3000m running event?

1. Hima Das
2. Dutee Chand
3. PT Usha
4. Parul Chaudhary

Correct Option - **4**

Que. 67 Kirchhoff's law is applicable to:

1. Passive networks only
2. AC networks only
3. DC networks only
4. Both AC and DC circuits

Correct Option - **4**

Que. 68   What is the dimensional formula of Momentum?

1. $M\,L^2\,T^{-1}$
2. $M^1 L^1 T^{-1}$
3. $M^1 L^{-1} T^{-2}$
4. $M^1 L^0 T^{-2}$

Correct Option - **2**

Que. 69   Bernoulli's theorem applies to _____ flow.

1. Incompressible
2. Steady
3. Non-viscous
4. All of these combined

Correct Option - **4**

Que. 70   The SI unit of conductivity is

1. ohm-m
2. ohm/m
3. mho-m
4. mho/m

Correct Option - **4**

Que. 71   What is the standard value of gas constant 'R'?

1. $9.413\ \mathrm{J\ K^{-1}\ mol^{-1}}$
2. $9.314\ \mathrm{J\ K^{-1}\ mol^{-1}}$
3. $8.314\ \mathrm{J\ K^{-1}\ mol^{-1}}$
4. $8.413\ \mathrm{J\ K^{-1}\ mol^{-1}}$

Correct Option - **3**

Que. 72   'Fathometer' is used to measure _____.

1. Earthquakes
2. Rainfall
3. Ocean Depth
4. Sound Intensity

Correct Option - **3**

Que. 73 | The scientific study of a cell is called:

1. histology
2. cytology
3. physiology
4. taxonomy

Correct Option - **2**

Que. 74 | To treat the eye disease known as myopia or near sightedness, which of the following lenses is used?

1. Convex lens
2. Concave lens
3. Bifocal lens
4. Compound lens

Correct Option - **2**

Que. 75 | Faraday's law says that

1. An emf is induced in a loop when it moves through an electric field
2. The induced emf produces a current whose magnetic field opposes the original change
3. The induced emf is proportional to the rate of change of magnetic flux
4. The induced emf is inversely proportional to the rate of change of magnetic flux

Correct Option - **3**

Que. 76 | Kepler's first law is known as

1. The Law of Orbits
2. The Law of Areas
3. The Law of Periods
4. The Law of Gravitation

Correct Option - **1**

Que. 77 | According to Archimedes principle_____.

1. When a body is immersed in a liquid, an upward thrust, equal to the weight of the liquid displaced, acts on it
2. When a body is floating in a liquid, an upward thrust, equal to the weight of the liquid displaced, acts on it
3. When a body is immersed in a liquid, an upward thrust, is not equal to the weight of the liquid displaced, acts on it
4. When a body is immersed in a liquid, an upward thrust, equal to the density of the liquid displaced, acts on it

Correct Option - **1**

Que. 78 An object is placed at 20 cm in front of a concave mirror produces three time magnified real image. What is focal length of the concave mirror?

1. 15 cm
2. 6.6 cm
3. 10 cm
4. 7.5 cm

Correct Option - **1**

Que. 79 An object of mass 15 kg is moving with a uniform velocity of 4 ms^{-1}. What is the kinetic energy possessed by the object?

1. 60 J
2. 12 J
3. 1.2 J
4. 120 J

Correct Option - **4**

Que. 80 A force of 125 N is acting on an object. The object moves 5 m in the direction of the force. The work done by the force will be _____.

1. 625 W
2. 625 Pa
3. 625 N
4. 625 J

Correct Option - **4**

Que. 81 If 20% of P = 30% of Q = 1/6 of R, then P : Q: R is

1. 2 : 3 : 16
2. 3 : 2 : 16
3. 10 : 15 : 18
4. 15 : 10 : 18

Correct Option - **4**

Que. 82 Average marks of 5 students in a subject are 68. By how much will the average be increased, if marks of one student wrongly taken as 65 instead of 80?

1. 4
2. 1
3. 3
4. 2

Correct Option - **3**

Que. 83 The area of a trapezium shaped field is 480 m^2, the height is 15 m and one of the parallel side is 20 m. Find the other parallel side.

1. 44 m
2. 20 m
3. 84 m
4. 150 m

Correct Option - **1**

Que. 84 The sum of the radius of base and height of a solid right circular cylinder is 37 cm. If the total surface area of the solid cylinder is 1628 cm^2, the volume of cylinder (in cm^3) is:

1. 3680
2. 4620
3. 6420
4. 5640

Correct Option - **2**

Que. 85 If $\left(\frac{3}{5}\right)^{3p-2} = \left(\frac{9}{25}\right)^8 \times \left(\frac{3}{5}\right)^{-3}$, then the value of 2p + 1 is:

1. 10
2. 11
3. 14
4. 15

Correct Option - **2**

Que. 86 If a positive integer leaves remainder 28 when divided by 143, then what is the remainder obtained on dividing the same number by 13?

1. 0
2. 2
3. 9
4. 10

Correct Option - **2**

Que. 87 The slant height of a frustum of cone is 10 cm. If the height of the frustum is 8 cm, then find the difference of the radii of its two circular ends?

1. 7 cm

2. 9 cm

3. 6 cm

4. 4 cm

Correct Option - **3**

Que. 88 A is 25% more efficient than B and C is 40% less efficient than A. B alone can complete a certain work in 25 days. B and C work together for 5 days. A alone can complete the remaining work in:

1. 10 days

2. 13 days

3. 7 days

4. 9 days

Correct Option - **2**

Que. 89 What should come in place of the question mark (?) in the following question?

2 - [6 - {3 + (-4 + 5 + 1) × 8} + 12] = ?

1. 4

2. 3

3. 2

4. 1

Correct Option - **2**

Que. 90 A and B working separately can complete a piece of work in 10 and 16 days, respectively. If they work for a day alternately, with A beginning the work, in how many day(s) will the work be completed?

1. $10\frac{1}{4}$

2. $12\frac{1}{4}$

3. $1\frac{1}{4}$

4. $\frac{1}{4}$

Correct Option - **2**

Que. 91 If the numerator of a fraction is increased by 25% and the denominator is doubled, the fraction thus obtained is equal to 5/17. What is the original fraction?

1. 5/23

2. 13/17

3. 8/17

4. 8/21

Correct Option - **3**

Que. 92 The area of an equilateral triangle is $25\sqrt{3}$ cm^2, then the ratio of inradius and circumradius is -

1. $\sqrt{3} : 1$
2. $2 : 1$
3. $1 : 2$
4. $1 : \sqrt{3}$

Correct Option - **3**

Que. 93 What is the length of longest rod that can be kept in a rectangular box of dimensions 12 cm × 6 cm × 4 cm? is

1. $8\sqrt{14}$ cm
2. 14 cm
3. $7\sqrt{26}$ cm
4. 16 cm

Correct Option - **2**

Que. 94 If an article is sold at 9/10th of its usual selling price, 20% profit would be made on it. Find the profit percentage which would have been made on it on selling it at its usual selling price.

1. 33.33%
2. 25%
3. 30%
4. 20%

Correct Option - **1**

Que. 95 The side of a square is 48 cm. The length and breadth of a rectangle are $1\frac{1}{2}$ and $\frac{2}{3}$ times of the side of the square respectively. The difference in their perimeters (in cm) is

1. 10
2. 12
3. 14
4. 16

Correct Option - **4**

Que. 96 Rajesh on tour travels first 160km at 64 km/hr and the next 160km at 80km/hr. The average speed for the first 320 km of the tour is:

1. 71.11
2. 73
3. 93.33
4. 75

Correct Option - **1**

Que. 97 From the pie chart, If the budget of the family is Rs 10800, what is the saving ?
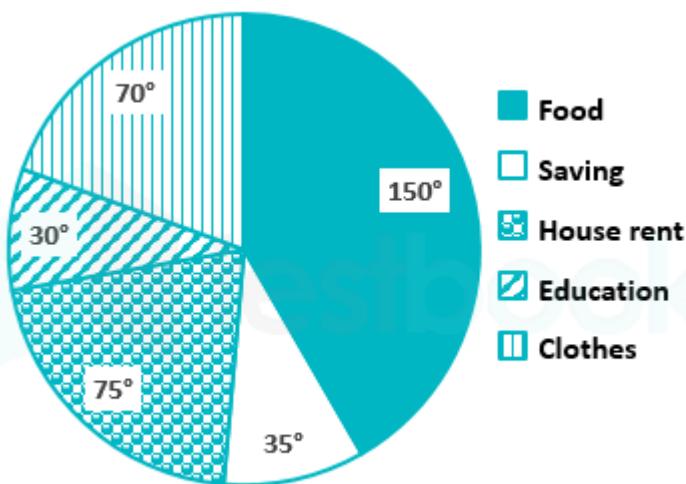
1. Rs. 1200
2. Rs. 950
3. Rs. 1000
4. Rs. 1050

Correct Option - **4**

Que. 98 Two numbers are in the ratio 4 : 7. If their HCF is 26, then the sum of these two numbers will be:

1. 333
2. 364
3. 286
4. 312

Correct Option - **3**

Que. 99 Eight cubes of side 2 cm each are joined to form a new cube, then the length of the so formed new cube is-

1. 8 cm
2. 2 cm
3. 4 cm
4. 6 cm

Correct Option - **3**

Que. 100 The ratio of monthly incomes of A and B is 6 : 7, and the ratio of their expenditure is 4 : 5. If A and B save Rs. 8000 and Rs. 8500 per month respectively, then what is the ratio of B's income to A's expenditure?

1. 7 : 4
2. 14 : 9
3. 7 : 5
4. 21 : 10

Correct Option - **4**

Que. 101   The following table shows the percentage of male and female coffee drinkers and non-coffee drinkers in two Towns A and B:

Attributes	Town-A		Town-B	
	Male	Female	Male	Female
Coffee drinkers	40%	5%	25%	15%
Non-coffee drinkers	20%	35%	30%	30%

If the total population of Towns A and B be 10,000 and 20,000 respectively, then what is the total number of female coffee drinkers in both towns?

1. 8,000
2. 6,000
3. 3,500
4. 2,500

Correct Option - **3**

Que. 102   The marked price of an article is Rs. 400. It is sold for Rs. 300 . If there is a loss of 15%, then by what percent above the cost is the article marked?

1. 35.25%
2. 25.05%
3. 28.24%
4. 13.33%

Correct Option - **4**

Que. 103   20 litres of milk was divided equally among all students of a school. If each student got $\frac{1}{4}$ litre of milk, then number of students in the school was:

1. 180
2. 82
3. 80
4. 100

Que. 104 Study the given table and answer the question that follows.

Find the difference between the number of female students and male students who opted biology in school C.

School name	Total number of students enrolled	Percentage of enrolled students, opted Biology	Ratio of male to female students who opted Biology
A	900	30	7 : 8
B	400	38	9 : 10
C	1000	24	1 : 2
D	800	18	5 : 7

1. 240
2. 160
3. 200
4. 80

Correct Option - **4**

Que. 105 Given pie chart shows the ratio of students who likes different things among (Music, Sports, Reading and Dancing).

Total Students = 150
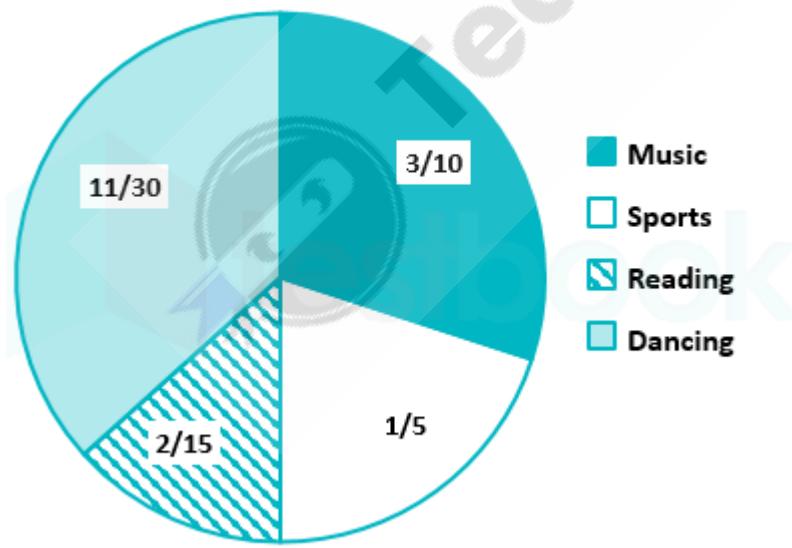
Find that the number of students who like Music and Reading together is approximately what per cent less than the number of students who like Sports and Dancing together?

1. 28%
2. 30%

3. 24%

4. 14%

Correct Option - **3**

Que. 106 A stadium's seating capacity is raised by 45 percent. The ticket price has also been raised by 20%. The increase in revenue collection after that will be:

1. 70%
2. 74%
3. 65%
4. 60%

Correct Option - **2**

Que. 107 Choose the option which is related to the third word in the same way as the second word is related to the first word.

Horse : Neigh :: Duck :

1. roar
2. mumble
3. quack-quack
4. chirp

Correct Option - **3**

Que. 108 Select the option which is related to the third letter combination in the same way as the second letter combination is related to the first letter combination.

CROW : XILD :: DOVE : ?

1. WLFW
2. WLEV
3. YLEV
4. YLFW

Correct Option - **2**

Que. 109 'R + S' means 'R is the mother of S',

'R * S' means 'R is the father of S',

'R – S' means 'R is the husband of S', and

'R $ S' means 'R is the daughter of S'.

If E $ F – G + H, how is E related to H?

1. Son
2. Sister
3. Daughter

4. Sister's daughter

Correct Option - 2

Que. 110 **Directions:** In the question below is given a statement and followed by two arguments numbered I and II. Consider the arguments and decide which option is the correct answer.

A new medicine 'ALPHA' is causing excitement in the medical field.

Assumption I: No other drug is causing excitement in the medical field.

Assumption II: Medicine ALPHA is a very effective drug.

1. Assumption I is implicit
2. Assumption II is implicit
3. Assumption I and II are implicit
4. Neither assumption I nor II is implicit

Correct Option - 2

Que. 111 What will come in place of the blank in the series?

83, 97, 103, 109, _____

1. 212
2. 127
3. 233
4. 255

Correct Option - 2

Que. 112 Which figure represents the exact relationship with the variables Language, Oriya and Urdu given in questions?
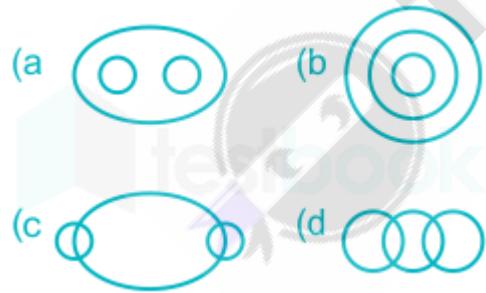
1. D
2. B
3. C
4. A

Correct Option - 4

Que. 113 How many triangles are there in the following picture?

1. 15
2. 17
3. 14
4. 20

Correct Option - **2**

Que. 114 In the following question a word is followed by five other words, one of which cannot be formed by using the letters of the given word. Find this word.

INTELLIGENCE

1. ENGINE
2. TELL
3. GENES
4. NICE

Correct Option - **3**

Que. 115 Which of the following will come in place of the question mark (?) in the following series of letters.
LOK, NMI, PKG, RIE, ?

1. UHC
2. TGC
3. SGD
4. SHC

Correct Option - **2**

Que. 116 **Directions:** In the question below is given a statement and followed by two arguments numbered I and II. Consider the arguments and decide which option is the correct answer.

The old order changed, yielding place to new.

Assumption I: Change is law of nature.

Assumption II: Discard old ideas because they are old.

1. Assumption I follows
2. Assumption II follows
3. Assumption I and II follows
4. Neither assumption I nor II follows

Correct Option - **1**

Que. 117 If A denotes '×', B denotes '+', C denotes '−' and D denotes '÷', then what will be the value of the following equation?

10 A 660 D 11 B 50 C 50

1. 606
2. 600
3. 602
4. 598

Correct Option - **2**

Que. 118 Which of the following option will replace the question mark (?) in the following letter cluster series?
DC, GA, IY, LW, NU, ?

1. QU
2. QR
3. QS
4. RS

Correct Option - **3**

Que. 119 Which of the following numbers will replace the question mark (?) in the given series?
95, 84, 75, 68, 63, ?

1. 58
2. 59
3. 60
4. 61

Correct Option - **3**

Que. 120 The statement given below is followed by Assumptions I and II given below. You have to consider the statement followed by the assumptions and decide which of the assumptions are implicit in the statement.

Statement:

The government has decided to increase the public transport charges.

Assumption:

I. People are able to pay the increased rent.

II. Many people use public transport as an alternative.

1. Only Assumption II is implicit.
2. Neither I nor II is implicit.
3. Both I and II are implicit.
4. Only Assumption I is implicit.

Correct Option - **4**

Que. 121 Select the option which is related to the third number in the same way as the second number is related to the first number.

256 : 24 :: 484 : ?

1. 52
2. 56
3. 33
4. 49

Correct Option - **3**

Que. 122 In the following question, select the odd letters from the given alternatives.

1. SPM
2. ZWT
3. XUR
4. EBX

Correct Option - **4**

Que. 123 In a code language, 'COURT' is written as TROOC and 'SPORT' is written as TRIPS. How will 'BLIND' be written in the same language?

1. BNELD
2. DNILB
3. DNALB
4. DNCLB

Correct Option - **4**

Que. 124 Which of the following letter-clusters will replace the question mark (?) in the given series?
KTY, NXD, QBI, TFN, ?

1. WJS
2. VJS
3. WKR
4. WLT

Correct Option - **1**

Que. 125 Atul in his morning walks travelled away from the sun 2km, the he turned to his right and walked 1km. He again turned to his left and walked 3km. Finally, he turned to his right and walked another 1km. In which direction is he walking now?

1. South
2. West

3. North

4. East

Que. 126 The present ages of three friends A, B and C are in the ratio 3 : 4 : 5. Five years ago the sum of their ages was 45 years. Find the present age of B in years.

1. 15

2. 25

3. 30

4. 20

Que. 127 Study the following pattern and select the number which can replace its question mark (?).


1. 10

2. 11

3. 9
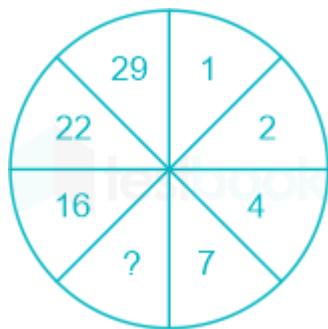
4. 12

Que. 128 Choose the correct option which shows the same relation as in the following pair of words?
Cold: Cool

1. Summer : Sweat

2. Laughing : Happy

3. Sleep : Nap

4. Idea : Working

Que. 129 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '4'.
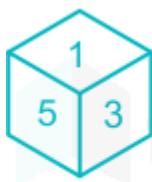
Figure 1   Figure 2   Figure 3

1. 6
2. 5
3. 1
4. 2

Correct Option - **2**

Que. 130 Select the figure that will come next in the following series.

1.

2.

3.

4.

Correct Option - **3**

Que. 131 Select the number from among the given options that can replace the question mark (?) in the following series.

17, 17, 34, 102, 408, ?

1. 816
2. 2040
3. 2546
4. 616

Correct Option - **2**

Que. 132 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.
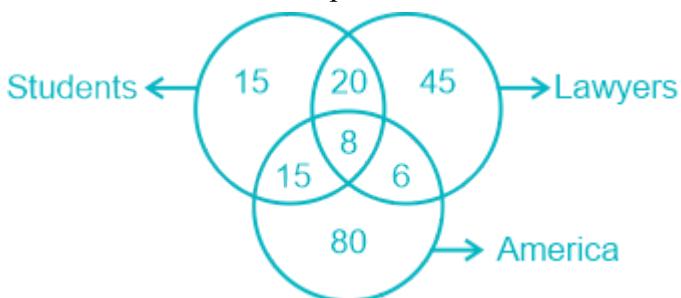
How many such students are there who are also lawyers but NOT from America?

1. 45
2. 8
3. 15
4. 20

Correct Option - **4**

Que. 133 Select the correct mirror image of the given figure when the mirror is placed at the right side.

1.

2.

3.

4.

Correct Option - **4**

Que. 134 Three of the following four triads are alike in a certain way as they are formed by performing same mathematical operations among themselves and thus form a group. Which triad does NOT belong to that group?

1. 11 : 21 : 121
2. 2 : 3 : 4
3. 7 : 15 : 49
4. 9 : 17 : 81

Correct Option - **3**

Que. 135 Vandana is Ankush's only sibling. Ankush's wife, Vinita, has a brother, Gopal. Swati is Vandana's only niece. How is Swati related to Gopal?

1. Niece
2. Sister
3. Sister-in-law
4. Cannot be determined

Correct Option - **1**

Que. 136 Select the number that can replace the question mark (?) in the given table.

5	16	77
8	19	149
13	12	?

1. 155
2. 153
3. 151
4. 157

Correct Option - **2**

Que. 137 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All journalists are newsreaders.

Some newsreaders are actors.

Conclusions:

I. Some journalists are actors.

II. Some newsreaders are journalists.

1. Both conclusions I and II follow
2. Only conclusion II follows
3. Only conclusion I follows

4. Neither conclusion I nor II follows

Correct Option - **2**

Que. 138 Six persons A, B, C, D, E and F are sitting in a row facing towards North. C is sitting second to the left of F. A is an immediate neighbor of D and C. E sits to the left of A but B sits to the right of A. Which of the following pair of persons are sitting at the extreme ends?

1. C and F
2. A and C
3. B and E
4. E and F

Correct Option - **4**

Que. 139 Immediately after leaving his house, Ankur turned right and walked for 40 m. Then, he turned left and walked for 20 m. Then, he again took a left turn and walked for 30 m. There he met a friend and turned right to go to the coffee shop 20 m away. After having coffee, he walked back straight for 40 m in the direction he had come from. How far is he from his house?

1. 20 m
2. 10 m
3. 40 m
4. 35 m

Correct Option - **2**

Que. 140 In a certain code language, 'DUCK' is written as '16' and 'SHEEP' is written as '25'. How will 'TURKEY' be written in that language?

1. 42
2. 49
3. 30
4. 36

Correct Option - **4**

Que. 141 A paper is folded and cut as shown in the following figures. How will it appear when unfolded?

1.

2.

3.

4.
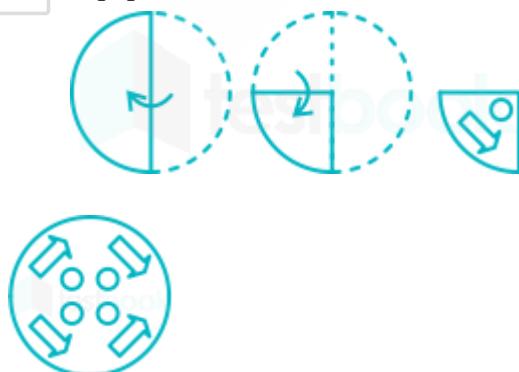
Correct Option - **4**

Que. 142   Raman starts at point A, walks 8 m East to point B. He then turns right and walks to point C which is 6 m away, turns left towards North-East and walks 10 m to point D. What is the distance between point A and point D.

1.   21 m
2.   24 m
3.   12 m
4.   16 m

Correct Option - **4**

Que. 143   Ritesh is thrice as old as Nimesh and 11 years older than Hitesh. If Hitesh is 31 years old, how old is Nimesh?

1.   14 years
2.   21 years
3.   18 years
4.   12 years

Correct Option - **1**

Que. 144   Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some colonies are villages.

Some villages are cities.

Conclusions:

I. No city is a colony.

II. All villages are colonies.

III. Some cities are colonies.

1. Only conclusion II follows.
2. Conclusions I, II and III follow.
3. Only conclusion I follows.
4. Either conclusion I or III follows.

Correct Option - **4**

Que. 145 A watch reads 4.30. If the minute hand points East, in which direction will the hour hand point?

1. South-east
2. North
3. North-east
4. North-west

Correct Option - **3**

Que. 146 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Fontina

2. Fondue

3. Fondled

4. Fondant

5. Fontanel

6. Fonder

1. 6, 4, 3, 2, 5, 1
2. 6, 3, 4, 5, 1, 2
3. 4, 6, 3, 5, 1, 2
4. 4, 6, 3, 2, 5, 1

Correct Option - **4**

Que. 147 In the following question, select the odd letters from the given alternatives.

1. KQWC
2. FLRY
3. NTZF
4. RXDJ

Correct Option - **2**

Que. 148 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

1. Istanbul
2. Maputo

3. London
4. Paris

Correct Option - **1**

Que. 149 | Which number should replace the question mark (?) in the following number series?
32, 54, 98, 186, ?, 714

1. 452
2. 450
3. 362
4. 354

Correct Option - **3**

Que. 150 | P, Q, R, S and T sit around a table. P sits in the second seat to the left of R and Q sits in the second seat to the right of R. If S sits between Q and R, who is sitting to the immediate right of P?

1. R
2. S
3. T
4. Q

Correct Option - **3**

Que. 151 | Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Umbrella
2. Unconditional
3. Ubiquitous
4. Unfortunate
5. University

1. 3, 1, 2, 4, 5
2. 3, 2, 1, 5, 4
3. 3, 2, 4, 5, 1
4. 3, 1, 4, 2, 5

Correct Option - **1**

Que. 152 | Refer to the following letter series and answer the question.
(Left) G H U B Q R P M E N S T A V L M A (Right)
How many vowels are immediately preceded by a consonant and also immediately followed by a consonant?

1. 6
2. 3

3. 4
4. 1

Correct Option - **2**

Que. 153 | If THRUST is coded as 176421 and NICE as 9358, what will be the code for HEURISTIC?

1. 784623135
2. 786432135
3. 784632135
4. 784632315

Correct Option - **3**

Que. 154 | Pointing to the photograph of a boy, Nikhil said, "He is my daughter's mother's father in-law's only son's sister's son." How is that boy's mother's father related to Nikhil?

1. Paternal grandfather
2. Maternal uncle
3. Father
4. Paternal uncle

Correct Option - **3**

Que. 155 | If 'Lens' is called 'glasses', 'glasses' is called 'ophthalmologist', 'ophthalmologist' is called 'power', and 'power' is called 'doctor', then who do you go to get your eyes tested?

1. Lens
2. Power
3. Glasses
4. Opthalmologiest

Correct Option - **2**

Que. 156 | Which of the following cube in the answer figure can be made based on the unfolded cube in the question figure?

1.
MP
UP AL

2.
●
UP AL

3.
CN
MP AL

4.
UP
DL ●
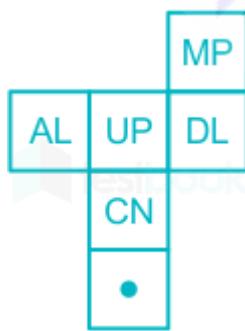
Correct Option - **1**

Que. 157 | Which two signs should be interchanged to make the given equation correct?

$11 \times 12 \div 78 + 6 - 57 = 88$

1. $\div$ and $+$
2. $\times$ and $+$
3. $\div$ and $-$
4. $-$ and $\times$

Correct Option - **1**

Que. 158 | **Direction:** Read the following information carefully and answer the question that follow:

Following are the criteria for admitting a student in engineering course.

The student must

i) Have passed XIIth Std. Science examination with Mathematics and have secured atleast 60%.

ii) Be of 18 year age on 1[st]October, 2014.

iii) Have obtained 74% marks in the entrance test.

iv) Be able to pay Rs.35000 at the time of admission.

In case of a candidate who satisfies all the other criteria except at

a) iii) above, but has obtained 85% marks in the XIIth Std. Science examination, should be referred to the Dean.

b) iv) above, but can pay Rs. 15000 at the time of admission can be provisionally admitted.

You are given the following cases as on 1st October, 2014. Depending upon the information provided in each case and based on the criteria mentioned above, recommend your decision. You are not to assume anything.

Raghuveer Kumar has secured 80% marks in the entrance test and can pay admission fee of Rs. 24000 at the time of admission. He has secured 55% marks in the XIIth Std. Science examination with Mathematics and is 18 years

of age at the time of admission.

1. If the student is to be admitted
2. If the student is not to be admitted
3. If the student is to be referred to the principal
4. If the students is to be admitted provisionally

Correct Option - **2**

Que. 159 | Sameer Moitra has passed XIIth Std. Science examination with Mathematics and has secured 60% marks. He was born on 12th January, 1996. He can pay Rs. 35000 at the time of admission.

1. If the student is to be admitted
2. If the student is not to be admitted
3. If the student is to be referred to the Dean
4. If the data are inadequate

Correct Option - **4**

Que. 160 | Manoj Diwakar has passed XIIth Std. Science examination with Mathematics and secured 90% marks. His date of birth is 15th July, 1996. He has obtained 55% marks in the entrance test. He can pay the fee of Rs. 35000 at the time of admission.

1. If the student is to be admitted
2. If the student is not to be admitted
3. If the student is to be referred to the Dean
4. If the data are inadequate

Correct Option - **3**