Question 1. Select the related word/letters/numbers from the given alternatives:

दिये गये विकल्पों में से संबन्धित शब्द/अक्षर/संख्या को पुनिंते।

Jailor : Prison :: Curator : ?

Options:
1) Cell कोठरी
2) Museum संग्रहालय
3) Warden संख्क
4) Cure इलाज

Correct Answer: Museum संग्रहालय

Candidate Answer: Museum संग्रहालय

Question 2. Select the related word/letters/numbers from the given alternatives:

दिये गये विकल्पों में से संबन्धित शब्द/अक्षर/संख्या को पुनिंते।

FED : IHG :: ? : ?

Options:
1) ACB : GUV
2) TSR : WVU
3) VUK : LMO
4) DEF : IGH

Correct Answer: TSR : WVU

Candidate Answer: TSR : WVU

Question 3. Select the related word/letters/numbers from the given alternatives:

दिये गये विकल्पों में से संबन्धित शब्द/अक्षर/संख्या को पुनिंते।

9 : 25 :: 49 : ?

Options:
1) 36
2) 54
3) 64
4) 81

Correct Answer: 81

Candidate Answer: 81
Question 4.

For the following questions
Find the odd word/letters/number from the given alternatives.

दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या पुलिए।

Options:
1) Teacher अध्यापक
2) Lawyer कविता
3) Doctor डॉक्टर
4) Manager प्रबंधक

Correct Answer: Manager प्रबंधक
Candidate Answer: Manager प्रबंधक

Question 5.

For the following questions
Find the odd word/letters/number from the given alternatives.

इस प्रश्न में दिए गए विकल्पों में से विषम संख्या/अक्षर/संख्या पुलिए।

Options:
1) DEB
d) RTP
c) HIF
d) NOL

Correct Answer: RTP
candidate Answer: RTP

Question 6.

For the following questions
Find the odd word/letters/number pair from the given alternatives.

दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या पुलिए।

Options:
1) 6, 612
d) 5, 521
c) 4, 46
d) 7, 543

Correct Answer: 7, 543
candidate Answer: 7, 543

Question 7. Arrange the following words as per order in the dictionary.

निम्नलिखित शब्दों को शब्दकोश में दिए गये क्रम के अनुसार स्थापित।

Question 8. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

दी गई श्रृंखला में एक पद लुप्त है। दिए गए विकल्पों में से सही विकल्प चुनिए जो श्रृंखला को पूरा करेगा।

AZ, CX, FU, ?

Options:
1) IR
2) IV
3) JQ
4) KP

Correct Answer: JQ
Candidate Answer: JQ

Question 9. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

दी गई श्रृंखला में एक पद लुप्त है। दिए गए विकल्पों में से सही विकल्प चुनिए जो श्रृंखला को पूरा करेगा।

5, 10, 30, ?, 600, 3600

Options:
1) 120
2) 100
3) 90
4) 60

Correct Answer: 120
Candidate Answer: 120

Question 10. A person while buying a dress on sale spends Rs. 45 and saves Rs. 5, what is the percentage of his savings?

एक व्यक्ति एक ड्रेस खरीदने के लिए 45 रुपये खर्च करता है और 5 रुपये बचत करता है। उसकी बचत का प्रतिशत क्या है?

Options:
1) 5%
2) 10%
3) 15%
4) 20%

Correct Answer: 10%
Candidate Answer: 10%

Question 11. 2 litre of pure alcohol is added to 6 litre, 40% alcohol solution. The percentage of water in the solution is ____ .

2 लीटर पानी में 6 लीटर, 40% अल्कोहोल घोल में मिलाया जाता है। घोल में जल का प्रतिशत क्या है?

Options:
1) 65%
2) 45%
3) 55%
4) 60%

Correct Answer: 45%
Candidate Answer: 45%

Question 12. From the given alternative words, select the word which can be formed using the letters of the given word:

निम्नलिखित विकल्प में से वह शब्द चुनिए जो दिए गए शब्द के अक्षरों का प्रयोग करके बनाया जा सकता है:

COMMUNICATION
Options:
1) AMMUNITION
2) MONITOR
3) COUNTRY
4) UNIFICATION
Correct Answer: AMMUNITION
Candidate Answer: AMMUNITION

Question 13. If 'HARBOUR' is written as 'IBSCPVS', how is 'HABITAT' written in that code?

यदि 'HARBOUR' को 'IBSCPVS' के रूप में लिखा जाता है, तो 'HABITAT' को उसी कोड में कैसे लिखा जाएगा?

Options:
1) GZAHSZS
2) IBCJUBU
3) IBAHZS
4) IBCJBUU
Correct Answer: IBCJUBU
Candidate Answer: IBCJUBU

Question 14. If '-' means 'x' , 'x' means '+' , '+' means '÷' and '÷' means '-', then what will be the value of $40 \times 12 + 3 - 6 \div 60 = ?$

यदि '-' का आशय 'x' से हो , 'x' का आशय '+' से हो , '+' का आशय '÷' से हो और '÷' का आशय '-' से हो , तो $40 \times 12 + 3 - 6 \div 60 = \text{का मान कब्जा होगा?}$

Options:
1) 4
2) 7
3) 16
4) 44
Correct Answer: 4
Candidate Answer: 4

Question 15. If $25 + 5 \div 2 = 40$, and $35 + 5 \div 2 = 60$, then $45 + 5 \div 2 = ?$

यदि $25 + 5 \div 2 = 40$, और $35 + 5 \div 2 = 60$, तो $45 + 5 \div 2 = ?$

Options:
1) 90
2) 70
3) 60
4) 80
Correct Answer: 80
Candidate Answer: 80

Question 16. Select the missing numbers from the given alternatives

दिए गये विकल्पों में से लुप्त संख्या चुनए।

8  21  34
27  ?  53

Options:
1) 35
2) 40
3) 17
4) 23
Correct Answer: 40
Candidate Answer: 40
Question 17. A driver left his village and drove North for 20 km after which he stopped for breakfast. Then he turned left and drove another 30 km, when he stopped for lunch. After some rest, he again turned left and drove 20 km before stopping for evening tea. Once more he turned left and drove 30 km to reach the town where he had supper. After evening tea, in which direction did he drive?

Options:
1) West
2) East
3) North
4) South

Correct Answer: East

Candidate Answer: East

Question 18. Consider the given statement/s to be true and decide which of the given conclusions/assumptions can definitely be drawn from the given statement.

Statements: 1. Some managers are young.
2. All boys are young.

Conclusions: I. Some boys are managers.
II. Some managers are boys.

Options:
1) Only conclusion I follows
2) Only conclusion II follows
3) Neither conclusion I nor conclusion II follows
4) Both conclusion I and conclusion II follow

Correct Answer: Neither conclusion I nor conclusion II follows

Candidate Answer: Neither conclusion I nor conclusion II follows

Question 19. How many triangles are there in the given figure?

Options:
1) 10
2) 13
3) 15
4) 16

Correct Answer: 15
Question 20. Which of the following diagrams represent the relationship among males, fathers, advocates?

निम्नलिखित में से कौन से पुरुष, पिताओं और ऐडवोकेटों में संबंध दर्शाते हैं?

Options:
1) 
2) 
3) 
4) 

Correct Answer:

Candidate Answer:

Question 21. Which answer figure will complete the pattern in the question figure?

कौन सी उत्तर आकृति प्रश्न आकृति के पैटर्न को पूरा करेगी?

Candidate Answer:
Question 22. From the given answer figures, select the one in which the question figure is hidden/embedded.

Options:
1)
2)
3)
4)

Correct Answer:

Candidate Answer:
Question 23. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

नीचे प्रश्न आकृतियों में दिखाए अनुसार कागज को मोड़कर काटने तथा खोलने के बाद वह किस उत्तर आकृति जैसा दिखाई देगा?

Options:
1)

2)

3)

4)

Correct Answer:
Question 24. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

यदि एक दर्शन को MN रेखा पर रखा जाये तो दी गई उत्तर आकृतियों में से कौन-सी आकृति पश्चिम आकृति का सही प्रतिविम्ब होगी?

![Diagram](image)

Options:
1) ABMUMI
2) BMUMIA
3) MUMIBA
4) MUMBAI

Correct Answer: MUMBAI
Candidate Answer: MUMBAI

Question 25. In the question, a word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., L can be represented by 12, 24, etc., and 'R' can be represented by 55, 67, etc.

Similarly you have to identify the set for the word 'TONE'

<table>
<thead>
<tr>
<th>MATRIX I</th>
<th>MATRIX II</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 1 2 3 4</td>
<td>5 6 7 8 9</td>
</tr>
<tr>
<td>0 L E O S C</td>
<td>5 R K U N T</td>
</tr>
<tr>
<td>1 S C L E O</td>
<td>6 N T R K U</td>
</tr>
<tr>
<td>2 E O S C L</td>
<td>7 K U N T R</td>
</tr>
<tr>
<td>3 C L E O S</td>
<td>8 T R U N K</td>
</tr>
<tr>
<td>4 O S C L E</td>
<td>9 U N T R K</td>
</tr>
</tbody>
</table>

Options:
1) 85, 40, 58, 75
2) 66, 21, 77, 56
3) 97, 33, 65, 44
4) 78, 57, 89, 32

Correct Answer: 97, 33, 65, 44
Candidate Answer: 97, 33, 65, 44

Question 26. Which of the following taxes is levied by the State Government only?

निम्नलिखित सरकार में किस जाति शरण दान कर देने का किसान कर बहुत राज्य सरकार कर देना जाता है?
Question 27. HDI is an aggregate measure of progress in which of the three dimensions?

एच.डी.आई., किन तीन क्षेत्रों में विकास का मापक है?

Options:
1) Health, Education, Income
2) Food Security, Employment, Income
3) Agriculture, Industry, Services
4) Height, Weight, Colour

Correct Answer: Health, Education, Income

Candidate Answer: Health, Education, Income

Question 28. The Working Committee of National Congress sanctioned the resolution named ‘Quit India’ at

राष्ट्रीय कांग्रेस के इसकी समीक्षा में ‘भारत छोड़ो’ नामक आन्दोलन का अनुमोदन कहाँ किया था?

Options:
1) Wardha
2) Nagpur
3) Mumbai
4) Delhi

Correct Answer: Wardha

Candidate Answer: Wardha

Question 29. Preservation of historical articles is done in science of ______________

ऐतिहासिक लेखों का संरक्षण विज्ञान की किस शाखा के अन्तर्गत आता है?

Options:
1) Iconography
2) Numismatic
3) Museology
4) Epigraphy

Correct Answer: Museology

Candidate Answer: Epigraphy
Question 30. "Alfalfa" is the name of a _______

Options:
1) Mineral खनिज
2) Tribe जाती
3) Grass घास
4) Town शहर

Correct Answer: Grass घास
Candidate Answer: Grass घास

Question 31. The chemical that is used to ripen mangoes is

Options:
1) Calcium sulphide कैल्शियम सल्फाइड
2) Calcium carbide कैल्शियम कार्बाइड
3) Calcium carbonate कैल्शियम कार्बनेट
4) Calcium chloride कैल्शियम च्लॉराइड

Correct Answer: Calcium carbide कैल्शियम कार्बाइड
Candidate Answer: Calcium carbide कैल्शियम कार्बाइड

Question 32. The term 'Smasher' is associated with which sport?

"स्मैशर" का नाम जो आम को पकाने के काम आता है?

Options:
1) Hockey हॉकी
2) Boxing बॉक्सिंग
3) Volley Ball वॉलीबॉल
4) Cricket क्रिकेट

Correct Answer: Volley Ball वॉलीबॉल
Candidate Answer: Volley Ball वॉलीबॉल

Question 33. _______ involves traversing the entire file system, marking everything that can be accessed.

निर्मितिक्रिया में से किसी खेल के साथ जुड़ा हुआ?

Options:
1) Index pointer इंडेक्स पॉइंटर
2) Garbage collection कचरा एक्सिकारेज
3) File system फाइल सिस्टम
4) Stack pointer स्टैक पॉइंटर

Correct Answer: Garbage collection कचरा एक्सिकारेज
Question 34. Nylon threads are made of

नायलॉन धागा किससे बना होता है?

Options:
1) Polyester polymer
2) Polyamide polymer
3) Polyvinyl polymer
4) Polysaccharide

Correct Answer: Polyamide polymer

Candidate Answer: Polyamide polymer

Question 35. The longest railway line in the world connects ________

विश्व की सबसे लंबी रेल लाइन किन शहरों को जोड़ती है?

Options:
1) New York and Seattle
2) Leningrad and Vladivostok
3) Trivandrum and Guwahati
4) Perth and Sydney

Correct Answer: Leningrad and Vladivostok

Candidate Answer: Leningrad and Vladivostok

Question 36. How many Constitutional Amendments to the Constitution of India have been made so far?

भारत के संविधान में अब तक कितने संशोधन बनाए जा चुके हैं?

Options:
1) 122
2) 121
3) 120
4) 119

Correct Answer: 122

Candidate Answer: [ NOT ANSWERED ]

Question 37. The Chairman of the National Disaster Management Authority (NDMA) is

राष्ट्रीय आपदा प्रबंधन आयोग का अध्यक्ष कौन है?

Options:
1) National Security Advisor
2) Prime Minister of India
3) Chief of DRDO
4) Home Minister of India

Correct Answer: Prime Minister of India

Candidate Answer: Prime Minister of India
Question 38. When the offices of the President and Vice-President fall vacant simultaneously, who acts as President?

Options:
1) Prime Minister of India
2) The Chief Justice of India
3) The Speaker of Lok Sabha
4) The Comptroller and Auditor General of India

Correct Answer: The Chief Justice of India

Candidate Answer: The Chief Justice of India

Question 39. Goitre is caused by the deficiency of __________

Options:
1) Zinc
2) Calcium
3) Iodine
4) Chlorine

Correct Answer: Iodine

Candidate Answer: Iodine

Question 40. For photoelectric effect to take place, the metal used as the cathode should have_________

Options:
1) high melting point
2) low melting point
3) Low work function
4) low resistance

Correct Answer: Low work function

Candidate Answer: high melting point

Question 41. The Speaker of the Lok Sabha can be removed from his office by __________

Options:
1) The President
2) The Prime Minister
3) a resolution passed by both Houses of Parliament
4) a resolution passed by the Lok Sabha

Correct Answer: a resolution passed by both Houses of Parliament
Question 42. What does Section 124A of Indian Penal Code deal with?

**Options:**
1) Atrocity against women
2) Sedition
3) Crime for demanding dowry
4) Atrocity against SC/ST

**Correct Answer:** Sedition

**Candidate Answer:** [NOT ANSWERED]

Question 43. Which instrument is used for photographing the Sun?

**Options:**
1) Galvanometer
2) Potentiometer
3) Spectrophotometer
4) Spectroheliograph

**Correct Answer:** Spectroheliograph

**Candidate Answer:** Spectroheliograph

Question 44. Which country won 2016 Men's Hockey Champions Trophy?

**Options:**
1) India
2) Germany
3) Belgium
4) Australia

**Correct Answer:** Australia

**Candidate Answer:** Belgium

Question 45. Which of the following countries is not a member of G-8?

**Options:**
1) India
2) Germany
3) Belgium
4) Australia

**Correct Answer:** India

**Candidate Answer:** Belgium
Options:
1) USA  
2) UK  
3) Germany  
4) Russia

Correct Answer: Russia

Candidate Answer: Germany

Question 46. The main protein found in milk is __________

Options:
1) Albumin  
2) Globulin  
3) Globin  
4) Casein

Correct Answer: Casein

Candidate Answer: Casein

Question 47. Which organ gets affected in Weil's disease?

Options:
1) Liver  
2) Lung  
3) Heart  
4) Kidney

Correct Answer: Kidney

Candidate Answer: [ NOT ANSWERED ]

Question 48. Which of the following was the Official slogan for the 2016 Rio Olympic and Para Olympic Games?

Options:
1) Welcome Home  
2) A New World  
3) Love & Save Nature  
4) Inspire a Generation

Correct Answer: A New World

Candidate Answer: Inspire a Generation
Question 49. The Daily Weather Map of India is prepared and printed at___________

Options:
1) Kolkata कोलकाता
2) Mumbai मुंबई
3) New Delhi नई दिल्ली
4) Pune पुणे

Correct Answer: Pune पुणे
Candidate Answer: [ NOT ANSWERED ]

Question 50. The capital of the Mauryan Kingdom was located at___________

Options:
1) Pataliputra पाटलपुर
2) Vaishali वैशाली
3) Lumbini लुम्बिनी
4) Gaya गया

Correct Answer: Pataliputra पाटलपुर
candidate Answer: Vaishali वैशाली

Question 51. A canteen requires 56 kgs of rice for seven days. The quantity of rice required for the months of April and May together is

Options:
1) 468 kg 468 कि.ग्र.
2) 488 kg 488 कि.ग्र.
3) 498 kg 498 कि.ग्र.
4) 508 kg 508 कि.ग्र.

Correct Answer: 488 kg 488 कि.ग्र.

Question 52. A shopkeeper earns a profit of 15% after selling a book at 20% discount on the printed price. The ratio of the cost price and printed price of the book is

Options:
1) 20:23
2) 23:20
3) 16:23
4) 23:16

Correct Answer: 16:23

Question 53. A car travels 80 km in 2 hours and a train travels 180 km in 3 hours. The ratio of speed of the car to the train is

Options:
1) 20:23
2) 23:20
3) 16:23
4) 23:16

Correct Answer: 16:23

Question 54. A car travels 80 km in 2 hours and a train travels 180 km in 3 hours. The ratio of speed of the car to the train is

Options:
1) 20:23
2) 23:20
3) 16:23
4) 23:16

Correct Answer: 16:23

Question 55. A canteen requires 56 kgs of rice for seven days. The quantity of rice required for the months of April and May together is

Options:
1) 468 kg 468 कि.ग्र.
2) 488 kg 488 कि.ग्र.
3) 498 kg 498 कि.ग्र.
4) 508 kg 508 कि.ग्र.

Correct Answer: 488 kg 488 कि.ग्र.

Candidate Answer: 488 kg 488 कि.ग्र.
Options:
1) 2:3
2) 3:2
3) 3:4
4) 4:3
Correct Answer: 2:3
Candidate Answer: 2:3

Question 54. A shopkeeper offers 2.5% discount on cash purchases. What cash amount would Rohit pay for a cycle, the marked price of which is ₹3600?

एक दुकानदार नकद खरीद पर 2.5% का छूट देता है। एक साइकिल, जिसका अंकित मूल्य ₹3600 है, को खरीदने के लिए रोहित को कितनी राशि का भुगतान करना होगा?

Options:
1) Rs. 3490
2) Rs. 3500
3) Rs. 3510
4) Rs. 3520
Correct Answer: Rs. 3510
Candidate Answer: Rs. 3510

Question 55. Due to a price hike of 20%, 4 kg less sugar is available for ₹120. What is the initial price per kg of sugar?

चीनी की कीमत में 20% का वृद्धि होने पर 120 रु में 4 कि.ग्राम चीनी कम मिलती है। चीनी का प्रति कि.ग्राम मूल्य क्या था?

Options:
1) □ 5 / kg
□ 5 / एक्स.
2) □ 4 / kg
□ 4 / एक्स.
3) □ 6 / kg
□ 6 / एक्स.
4) □ 5.5 / kg
□ 5.5 / एक्स.
Correct Answer: □ 5 / kg
Candidate Answer: □ 5 / एक्स.

Question 56. A man walks 1 km on 1st day, 2 km on 2nd day, 3 km on 3rd day and so on. The total distance the man covers in 10 days is

एक यात्री दिनों पर दिनों दिनों चलता है, दूसरे दिन 2 कि.मी. चलता है, तीसरे दिन 3 कि.मी. चलता है और इसी प्रकार आगे क्या चलता रहता है। बताइए कि 10 दिन में वह कितनी दूरी तय करेगा?

Options:
1) 40 km
40 कि.मी.
2) 50 Km
50 कि.मी.
3) 55 Km
55 कि.मी.
4) 58 Km
58 कि.मी.
Correct Answer: 55 Km
Candidate Answer: 55 Km

Question 57. The rate of simple interest for which a sum of money becomes 5 times in 8 years is

साधारण ब्याज की तरह जिस पर कोई धनराशि 8 वर्ष में 5 गुना हो जाती है?

Options:
1) 30%
2) 40%
3) 50%
4) 55%
Correct Answer: 50%
Candidate Answer: 50%
Question 58. If \( a^2 + b^2 + c^2 = 83 \) and \( a + b + c = 15 \) then the value of \( ab + bc + ca \) is

यदि \( a^2 + b^2 + c^2 = 83 \) और \( a + b + c = 15 \) हो, तो \( ab + bc + ca \) का मान ज्ञात कीजिए?

Options:
1) 69
2) 70
3) 71
4) 72
Correct Answer: 71
Candidate Answer: 71

Question 59. If \( (\sqrt{3} + 1)^2 = x + \sqrt{3}y \), then the value of \( x + y \) is

यदि \( (\sqrt{3} + 1)^2 = x + \sqrt{3}y \) हो तो \( x + y \) का मान ज्ञात कीजिए?

Options:
1) 2
2) 4
3) 6
4) 8
Correct Answer: 6
Candidate Answer: 6

Question 60. T is a point on the common tangents at P of two circles and if TA and TB respectively the other tangents at A and B to the two circles drawn from the point T then

दो वृत्तों के P पर समान्तर रेखाओं पर T एक बिंदु है और T बिंदु से खींचे गए दो वृत्तों के A और B पर TA और TB क्रमशः अन्य स्पर्शरेखाएँ हैं, तब

Options:
1) \( TA = 2 \ TB \)
2) \( TA = TB \)
3) \( TA = 1/2 \ TB \)
4) \( 3TA = TB \)
Correct Answer: \( TA = TB \)
Candidate Answer: \( TA = TB \)

Question 61. In a triangle XYZ, which of the following conditions is true

XYZ त्रिभुज में निम्नलिखित में से कौन सी स्थिति सही है?

Options:
1) \( XY - YZ > ZX \)
2) \( XY + YZ < ZX \)
3) \( XY - YZ < XZ \)
4) \( XY + ZX < YZ \)
Correct Answer: \( XY - YZ < XZ \)
Candidate Answer: \( XY - YZ < XZ \)

Question 62. If \( \sin (3x - 20^\circ) = \cos (3y + 20^\circ) \), then find the value of \( (x + y) \).

यदि \( \sin (3x - 20^\circ) = \cos (3y + 20^\circ) \) तो \( (x + y) \) का मान ज्ञात कीजिए?

Options:
1) \( 90^\circ \)
2) \( 60^\circ \)
3) \( 120^\circ \)
4) \( 30^\circ \)
Correct Answer: \( 30^\circ \)
Question 63. If $\frac{1}{2}$ is added to a number and the sum is multiplied by 3, the result is 21. Then the number is

Options:
1) 6.5
2) 5.5
3) 4.5
4) -6.5
Correct Answer: 6.5
Candidate Answer: 6.5

Question 64. The average temperature for Monday, Tuesday, Wednesday and Thursday was 48°. The average temperature for Tuesday, Wednesday, Thursday and Friday was 52°. If the temperature on Monday was 42°, then the temperature on Friday was (in degrees)

Options:
1) 58
2) 56
3) 52
4) 50
Correct Answer: 58
Candidate Answer: 58

Question 65. If $m - n = 2$, $mn = 15$, ($m, n > 0$) then the value of $(m^2 - n^2) (m^3 - n^3)$ is

Options:
1) 1856
2) 1658
3) 1586
4) 1568
Correct Answer: 1568
Candidate Answer: 1568

Question 66. If $P = 9$, $Q = \sqrt{17}$ then the value of $(p^2 - q^2)^{-1/3}$ is equal to

Options:
1) 4
2) 1/4
3) 3
4) 1/3
Correct Answer: 1/4
Candidate Answer: 1/4

Question 67. If angles of measure $(5y + 62^\circ)$ and $(22^\circ + y)$ are supplementary, then value of $y$ is

Options:
1) 16°
2) 32°
3) 8°

Correct Answer: 16°
Candidate Answer: 16°

Question 68. From the circumcentre I of the triangle ABC, perpendicular ID is drawn on BC. If \( \angle BAC = 60° \), then the value of \( \angle BID \) is

Options:
1) 60°
2) 80°
3) 75°
4) 45°

Correct Answer: 60°
Candidate Answer: 60°

Question 69.

Options:
1) \( n^2 \)
2) \( m^2 \)
3) \( mn \)
4) 1

Correct Answer: \( n^2 \)
Candidate Answer: \( m^2 \)

Question 70. The ratio of the weights of two spheres is 8 : 27 and the ratio of weights per 1 cc of materials of two is 8 : 1. The ratio of the radii of the spheres is

Options:
1) 2:3
2) 1:3
3) 3:1
4) 3:2

Correct Answer: 1:3
Candidate Answer: 2:3

Question 71. On a ground, there is a vertical tower with a flagpole on its top. At a point 9 m away from the foot of the tower, the angles of elevation of the top and bottom of the flagpole are 60° and 30° respectively. The height of the flagpole is

Options:
1) \( 5\sqrt{3} \) m
2) \( 6\sqrt{3} \) m
3) \( 6\sqrt{2} \) m
4) \( 6\sqrt{5} \) m

Correct Answer: \( 6\sqrt{3} \) m
Candidate Answer: \( 6\sqrt{3} \) m
Question 72: Shown below is the multiple bar diagram depicting the changes in the students strength in four faculties from 1990-91 to 1992-93. (scale 1 cm = 100)

A regular decrease in student's strength was in the faculty of

किस संकाय में विद्यार्थियों की संख्या में नियमित रूप से कमी हो रही है?

Options:
1) Arts
2) Science
3) Commerce
4) Law

Correct Answer: Arts

Candidate Answer: Arts
Question 73. Shown below is the multiple bar diagram depicting the changes in the students strength of a college in four faculties from 1990 - 91 to 1992 - 93. (scale 1 cm = 100)

नीचे एक बहुल बार चाट दिया गया है। जिसमें किसी कलेज में घर संख्या में वर्ष 1990-1991 से 1992-1993 तक विद्यार्थियों की संख्या में होने वाले परिवर्तन दर्शाए गए हैं। (भाग 1 सेमी. =100) बहुल बार चाट का अध्ययन करे एवं प्रश्नों के उत्तर दीजिए।

How much percent was the increase in science students in 1992 - 93 over 1990 - 91?

वर्ष 1990-1991 की तुलना में वर्ष 1992-1993 में विज्ञान के विद्यार्थियों की संख्या में कितने प्रतिशत हुई है?

Options:
1) 50%
2) 150%
3) 66⅔%
4) 75%

Correct Answer: 50%
Candidate Answer: 50%

Question 74. Shown below is the multiple bar diagram depicting the changes in the students strength of a college in four faculties from 1990 - 91 to 1992 - 93. (scale 1 cm = 100)

नीचे एक बहुल बार चाट दिया गया है। जिसमें किसी कलेज में घर संख्या में वर्ष 1990-1991 से 1992-1993 तक विद्यार्थियों की संख्या में होने वाले परिवर्तन दर्शाए गए हैं। (भाग 1 सेमी. =100) बहुल बार चाट का अध्ययन करे एवं प्रश्नों के उत्तर दीजिए।

Ratio of the number of commerce students to the number of law students from 1990 - 91 to 1992 - 93 is

वर्ष 1990-1991 से 1992-1993 तक वाणिज्य के विद्यार्थियों का विचि के विद्यार्थियों से क्या अनुपात है?
Options:
1) 6.7
2) 7:6
3) 14:1
4) 2:8
Correct Answer: 7:6
Candidate Answer: 7:6

Question 75. Shown below is the multiple bar diagram depicting the changes in the students strength of a college in four faculties from 1990-91 to 1992-93. (scale 1 cm = 100)

During which year the strength of arts faculty was minimum?

Options:
1) 1990 - 91
2) 1991 - 92
3) 1992 - 93
4) 1993 - 94
Correct Answer: 1992 - 93
Candidate Answer: 1992 - 93

Question 76. In the following question, out of the four alternatives, choose the word which best expresses the meaning of the given word and click the button corresponding to it.

JUBILANT
Options:
1) SOMBRE
2) DEJECTED
3) JOCULAR
4) REJOICING
Correct Answer: REJOICING
Candidate Answer: REJOICING

Question 77. In the following question, out of the four alternatives, choose the word which is opposite in meaning to the given word and click the button corresponding to it.

COURAGE
Options:
1) BRAVERY
2) WEAKNESS
3) COWARDICE
4) FEAR
Correct Answer: COWARDICE
Candidate Answer: COWARDICE
Question 78. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word and click the button corresponding to it.

Options:
1) Commensurate
2) Commensarate
3) Commansurate
4) Comansurate

Correct Answer: Commensurate

Candidate Answer: Commensurate

Question 79. In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option.

He was not able to concentrate (A) / because of the continual music (B) / being played next door. (C) / No Error (D)

Options:
1) A
2) B
3) C
4) D

Correct Answer: B

Candidate Answer: B

Question 80. In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option.

Still (A) / waters (B) / run deep. (C) / No Error (D)

Options:
1) A
2) B
3) C
4) D

Correct Answer: D

Candidate Answer: D

Question 81. In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option.

The job is (A) / under the direct (B) / of Mrs Jones. (C) / No Error (D)

Options:
1) A
2) B
3) C
4) D

Correct Answer: B

Candidate Answer: B

Question 82. The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

Pour the juice _____ the glass.

Options:
1) in
2) into
3) onto
4) on

Correct Answer: into

Candidate Answer: into

Question 83. The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

I have been _____ this problem since noon.

Options:
1) working into
2) working on
3) working for
4) with after

Correct Answer: working on

Candidate Answer: working on
Question 84. The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

Sushma has a deep ____ for drunkards.

Options:
1) hatred
2) hate
3) hated
4) hating

Correct Answer: hatred
Candidate Answer: hatred

Question 85. In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

Couch potato

Options:
1) An old person who has old-fashioned ideas.
2) A person who prefers to watch television.
3) A person who does not seem very friendly.
4) Someone who stays calm and does not show their emotions.

Correct Answer: A person who prefers to watch television.
Candidate Answer: A person who prefers to watch television.

Question 86. In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

Carry the ball

Options:
1) Decorate the ball
2) Be in charge
3) Take the decision
4) Be the hostess

Correct Answer: Be in charge
Candidate Answer: Be in charge

Question 87. In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

Turned down

Options:
1) Subject
2) Object
3) Reject
4) Deject

Correct Answer: Reject
Candidate Answer: Reject

Question 88. Out of the four alternatives, choose the one which can be substituted for the given words/sentences and click the button corresponding to it.

One who copies from other writers

Options:
1) Pluralist
2) Imitator
3) Plagiarist
4) Copycat

Correct Answer: Plagiarist
Candidate Answer: Plagiarist

Question 89. Out of the four alternatives, choose the one which can be substituted for the given words/sentences and click the button corresponding to it.

Thing that can be felt or touched

Options:
1) Pandemic
2) Palpable
3) Paltry
4) Panchromatic

Correct Answer: Palpable
Candidate Answer: Palpable
Question 90. Out of the four alternatives, choose the one which can be substituted for the given words/sentences and click the button corresponding to it.

The scientific study of elections

Options:
1) Pathology
2) Palaeontology
3) Psephology
4) Philology

Correct Answer: Psephology
Candidate Answer: Psephology

Question 91. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

He enjoys to go on tours with his children.

Options:
1) to go for tours
2) going for tours
3) going on tours
4) No improvement

Correct Answer: going on tours
Candidate Answer: going on tours

Question 92. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

Sita was cooking in the kitchen when her husband was ringing the bell.

Options:
1) would have been ringing
2) had rung
3) rang
4) No improvement

Correct Answer: rang
Candidate Answer: rang

Question 93. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

If the room had been brighter, I would have been able to read for a while before bed time.

Options:
1) If the room was brighter
2) If the room are brighter
3) Had the room been brighter
4) No improvement

Correct Answer: Had the room been brighter
Candidate Answer: Had the room been brighter

Question 94. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

Never such incidents have taken place on our campus.

Options:
1) have such incidents
2) such incidents will have
3) were such incidents
4) No improvement

Correct Answer: have such incidents
Candidate Answer: have such incidents

Question 95. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

My mother taught me to be a good human being.

Options:
1) taught
2) thought
3) talked
4) No improvement

Correct Answer: taught
Candidate Answer: taught
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Question 96: A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

A guest speaker was addressing the faculty and the students in the college auditorium. I had joined the faculty the year before, and was already drawing attention. I was 27, full of assumptions about myself, quick with a comment on everything, and expected people to pay attention to all that I had said.

I listened to the talk for the first five minutes. By the seventh, I was looking around to check if others were listening. By the tenth, I had glanced at my watch three times, and yawned once. After twenty minutes I was thoroughly bored, and telling myself that it was difficult to sit through such an insipid talk. I wanted to share some of my expert comments with my neighbour. But he was completely sold out to the speaker, and looked like it was the greatest day of his life. I was disgusted. I tried to catch a word or phrase from the talk, only to convince myself that this should be his last talk ever.

The one-hour talk took ages to end, and before the thanks were said, I jumped to my feet with a sigh of relief. My neighbour smiled at me and said, "The talk was wonderful, wasn't it?" I retorted, "It almost killed me with kindness".

What do you understand about the narrator from the description in the first paragraph?

Options:
1) He was a genius
2) He was knowledgeable
3) He was self-conceited
4) He was charismatic

Correct Answer: He was self-conceited

Candidate Answer: He was self-conceited

Question 97: A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

A guest speaker was addressing the faculty and the students in the college auditorium. I had joined the faculty the year before, and was already drawing attention. I was 27, full of assumptions about myself, quick with a comment on everything, and expected people to pay attention to all that I had said.

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The one-hour talk took ages to end, and before the thanks were said, I jumped to my feet with a sigh of relief. My neighbour smiled at me and said, "The talk was wonderful, wasn't it?" I retorted, "It almost killed me with kindness".

How did the narrator respond to the speech?

Options:
1) He was glued
2) He was bored
3) He did not mind it
4) He was engrossed in it

Correct Answer: He was bored

Candidate Answer: He was bored

Question 98: A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

A guest speaker was addressing the faculty and the students in the college auditorium. I had joined the faculty the year before, and was already drawing attention. I was 27, full of assumptions about myself, quick with a comment on everything, and expected people to pay attention to all that I had said.

I listened to the talk for the first five minutes. By the seventh, I was looking around to check if others were listening. By the tenth, I had glanced at my watch three times, and yawned once. After twenty minutes I was thoroughly bored, and telling myself that it was difficult to sit through such an insipid talk. I wanted to share some of my expert comments with my neighbour. But he was completely sold out to the speaker, and looked like it was the greatest day of his life. I was disgusted. I tried to catch a word or phrase from the talk, only to convince myself that this should be his last talk ever.

The one-hour talk took ages to end, and before the thanks were said, I jumped to my feet with a sigh of relief. My neighbour smiled at me and said, "The talk was wonderful, wasn't it?" I retorted, "It almost killed me with kindness".

The narrator was disgusted because

Options:
1) His neighbour was engrossed in an insipid talk
2) The talk was boring
3) He could not understand it
4) He was impatient

Correct Answer: His neighbour was engrossed in an insipid talk

Candidate Answer: His neighbour was engrossed in an insipid talk
Question 99. A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

A guest speaker was addressing the faculty and the students in the college auditorium. I had joined the faculty the year before, and was already drawing attention. I was 27, full of assumptions about myself, quick with a comment on everything, and expected people to pay attention to all that I had said.

I listened to the talk for the first five minutes. By the seventh, I was looking around to check if others were listening. By the tenth, I had glanced at my watch three times, and yawned once. After twenty minutes I was thoroughly bored, and telling myself that it was difficult to sit through such an insipid talk. I wanted to share some of my expert comments with my neighbour. But he was completely sold out to the speaker, and looked like it was the greatest day of his life. I was disgusted. I tried to catch a word or phrase from the talk, only to convince myself that this should be his last talk ever.

The one-hour talk took ages to end, and before the thanks were said, I jumped to my feet with a sigh of relief. My neighbour smiled at me and said, "The talk was wonderful, wasn't it?" I retorted, "It almost killed me with kindness".

When the speech ended the narrator was

Options:
1) Happy
2) Relieved
3) Exhausted
4) Disgusted

Correct Answer: Relieved
Candidate Answer: Relieved

Question 100. A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

A guest speaker was addressing the faculty and the students in the college auditorium. I had joined the faculty the year before, and was already drawing attention. I was 27, full of assumptions about myself, quick with a comment on everything, and expected people to pay attention to all that I had said.

I listened to the talk for the first five minutes. By the seventh, I was looking around to check if others were listening. By the tenth, I had glanced at my watch three times, and yawned once. After twenty minutes I was thoroughly bored, and telling myself that it was difficult to sit through such an insipid talk. I wanted to share some of my expert comments with my neighbour. But he was completely sold out to the speaker, and looked like it was the greatest day of his life. I was disgusted. I tried to catch a word or phrase from the talk, only to convince myself that this should be his last talk ever.

The one-hour talk took ages to end, and before the thanks were said, I jumped to my feet with a sigh of relief. My neighbour smiled at me and said, "The talk was wonderful, wasn't it?" I retorted, "It almost killed me with kindness".

How long did the narrator listen to the speech without judgement?

Options:
1) Seven minutes
2) Ten minutes
3) Five minutes
4) Twenty minutes

Correct Answer: Five minutes
Candidate Answer: Twenty minutes