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

दिये गये विकल्पों में से संबंधित शब्द/अक्षर/संख्या को चुनें।

Jailor : Prison :: Curator : ?

Options:
1) Cell कोठरी
2) Museum संग्रहालय
3) Warden संरक्षक
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 संबंधित शब्द/अक्षर/संख्या को चुनें।

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 संबंधित शब्द/अक्षर/संख्या को चुनें।

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 विकल्प में से विषम शब्द/अक्षर/संख्या चुनिए।

Options:
1) Teacher
2) Lawyer
3) Doctor
4) Manager

Correct Answer: Manager

Candidate Answer: Manager

Question 5.

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

इस प्रश्न में दिए गए विकल्प में से विषम संख्या/अक्षर/संख्या चुनिए।

Options:
1) DEB
2) RTP
3) HIF
4) 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 विकल्प में से विषम शब्द/अक्षर/संख्या चुनिए।

Options:
1) 6, 612
2) 5, 521
3) 4, 46
4) 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 सीखिए।

1. Defect
2. Defence
3. Deerstalker
4. Defensive
Options:
1) 2, 3, 1, 4
2) 1, 3, 2, 4
3) 4, 3, 1, 2
4) 3, 1, 2, 4
**Correct Answer:** 3, 1, 2, 4
**Candidate Answer:** 3, 1, 2, 4

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 'सेल' में द्राक्षर खराबते समय Rs. 45 अर्थ करता है और Rs. 5 की 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 ली. पुरे एल्कोहॉल को 6 ली. 40% एल्कोहॉल घोल में मिलाया जाता है। घोल में जल का प्रतिशत बताइये?

**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 विकल्पों में से वह शब्द चुनिए जो दिए गए शब्द के अक्षरों का प्रयोग करके बनता जा सकता है。

COMMUNICATION
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) IBAHSZS
4) IBCJBUU
Correct Answer: IBCJUBU
Candidate Answer: IBCJUBU

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

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

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 चुनिए।

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 आरेख पुष्टियों, 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?

P

P

P

?
Options:

1)

2)

3)

4)

Correct Answer:

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

दी गई उत्तर आकृतियों में से उस उत्तर आकृति को पुनिते जिसमें प्रश्न आकृति निहित है।

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 दर्शक को MN रेखा पर रखा जाये तो दी गई उल्लर आकृतियों में से कौन-सी आकृति पश्चिम आकृति का सही प्रतिविम्ब होगी?

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

**Correct Answer:** MUMBAI

**Candidate Answer:** MUMBAI

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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'

**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

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

निजिमसिद्ध में कौनसा कर केवल राज्य सरकार द्वारा समाधान है?

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http://thepracticetest.in/challengesystem/response_questions.php?i_id=MDQ=&appid=1a4ff78943b24af40c79deccf09bb87
Question 27. HDI is an aggregate measure of progress in which of the three dimensions?

एच.डी.आई. 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 कार्यकक्षीय समिति ने "भारत छोड़ो" नामक आन्दोलन का अनुमोदन किया था?

**Options:**
1) Wardha वधा
2) Nagpur नागपुर
3) Mumbai मुंबई
4) Delhi दिल्ली

**Correct Answer:** Wardha वधा

**Candidate Answer:** Wardha वधा

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 प्रतिमा विज्ञान
2) Numismatic मुद्रा शाखा
3) Museology म्यूजियोलॉजी
4) Epigraphy ऐपिग्राफी

**Correct Answer:** Museology म्यूजियोलॉजी

**Candidate Answer:** Epigraphy ऐपिग्राफी
Question 30. "Alfalfa" is the name of a ______

अल्फाल्फा एक प्रकार का ______ का नाम है।

**Options:**
1) Mineral
2) Tribe
3) Grass
4) Town

**Correct Answer:** Grass

**Candidate Answer:** Grass

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

उस रसायन का नाम जो आम को पकाने के काम आता है।

**Options:**
1) Calcium sulphide
2) Calcium carbide
3) Calcium carbonate
4) Calcium chloride

**Correct Answer:** Calcium carbide

**Candidate Answer:** Calcium carbide

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

"स्मैशर" शब्द जोस्स खेल के साथ जुड़ा हुआ है?

**Options:**
1) Hockey
2) Boxing
3) Volley Ball
4) Cricket

**Correct Answer:** Volley Ball

**Candidate Answer:** Volley Ball

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

निर्माणाधीन में से किसे, जो फाइल सिस्टम से गुजरना पड़ता है?

**Options:**
1) Index pointer
2) Garbage collection
3) File system
4) Stack pointer

**Correct Answer:** Garbage collection
Candidate Answer: [ NOT ANSWERED ]

Question 34. Nylon threads are made of
नायलॉन धागा किससे बना होता है?

Options:
1) Polyester polymer
पोलियॉस्टर पॉलिमर
2) Polyamide polymer
पोलिअमाइड पॉलिमर
3) Polyvinyl polymer
पोलिविनियल पॉलिमर
4) Polysaccharide
पोलीसैक्षराइड

Correct Answer: Polyamide polymer
पोलिअमाइड पॉलिमर

Candidate Answer: Polyamide polymer
पोलिअमाइड पॉलिमर

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
न्युयॉर्क तथा सिएटल
2) Leningrad and Vladivostok
लेनिनग्राद तथा व्लादिवोस्टोक
3) Trivandrum and Guwahati
तिरुवनंतपुरम तथा गुवाहाटी
4) Perth and Sydney
पर्थ तथा सिडनी

Correct Answer: Leningrad and Vladivostok
लेनिनग्राद तथा व्लादिवोस्टोक

Candidate Answer: Leningrad and Vladivostok
लेनिनग्राद तथा व्लादिवोस्टोक

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 प्राधिकरण का अध्यक्ष कौन है?

Options:
1) National Security Advisor
राष्ट्रीय सुरक्षा सलाहकार
2) Prime Minister of India
भारत के प्रधान मंत्री
3) Chief of DRDO
डी.आर.डी.ओ. का अध्यक्ष
4) Home Minister of India
भारत के गृह मंत्री

Correct Answer: Prime Minister of India
भारत के प्रधान मंत्री

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

Options:
1) Prime Minister of India
भारत के प्रधान मंत्री
2) The Chief Justice of India
भारत का ग्यायाधीश
3) The Speaker of Lok Sabha
लोकसभा अध्यक्ष
4) The Comptroller and Auditor General of India
भारत का नितिन एवं महालेखा परीक्षक

Correct Answer: The Chief Justice of India
भारत का ग्यायाधीश

Candidate Answer: The Chief Justice of India
भारत का ग्यायाधीश

Question 39. Goitre is caused by the deficiency of __________

Options:
1) Zinc
जिंक
2) Calcium
कैल्शियम
3) Iodine
आयोडीन
4) Chlorine
क्लोरीन

Correct Answer: Iodine
आयोडीन

Candidate Answer: Iodine
आयोडीन

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

Options:
1) high melting point
उच्च गलनांक होना चाहिए
2) low melting point
लोअर गलनांक होना चाहिए
3) Low work function
लोअर वर्क फंक्शन
4) low resistance
लोअर रिसिस्टेंस

Correct Answer: Low work function
लोअर वर्क फंक्शन

Candidate Answer: high melting point
उच्च गलनांक होना चाहिए

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

Options:
1) The President
राष्ट्रपति
2) The Prime Minister
प्रधानमंत्री
3) a resolution passed by both Houses of Parliament
संसद के दोनों सदनों द्वारा पारित बिल के द्वारा
4) a resolution passed by the Lok Sabha
लोकसभा द्वारा पारित बिल के द्वारा

Correct Answer: a resolution passed by both Houses of Parliament
संसद के दोनों सदनों द्वारा पारित बिल के द्वारा

Candidate Answer: a resolution passed by the Lok Sabha
लोकसभा द्वारा पारित बिल के द्वारा
**Correct Answer:** a resolution passed by the Lok Sabha
लोकसभा द्वारा पारित प्रस्ताव द्वारा

**Candidate Answer:** a resolution passed by the Lok Sabha
लोकसभा द्वारा पारित प्रस्ताव द्वारा

**Question 42.** What does Section 124A of Indian Penal Code deal with?
भारतीय दंड संहिता के अनुसार 124 A के अन्तर्गत क्या आता है?

**Options:**
1) Atrocity against women
महिलाओं के खिलाफ अत्याचार
2) Sedition
राजद्रोह
e) Crime for demanding dowry
दहेज की मांग से संबंधित अपराध
e) Atrocity against SC / ST
अनुभूति जाति/ अनुभूति अन्तर्जाति के प्रति अत्याचार

**Correct Answer:** Sedition
राजद्रोह
e) Crime for demanding dowry
दहेज की मांग से संबंधित अपराध
e) Atrocity against SC / ST
अनुभूति जाति/ अनुभूति अन्तर्जाति के प्रति अत्याचार

**Candidate Answer:** [ NOT ANSWERED ]

**Question 43.** Which instrument is used for photographing the Sun?
सूर्य की फोटोग्राफी के लिए किस उपकरण का प्रयोग किया जाता है?

**Options:**
1) Galvanometer
गैलवॉमिटर
e) Potentiometer
पॉटेंशियोमीटर
e) Spectrophotometer
स्पेक्ट्रोफोटोमीटर
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ

**Correct Answer:** Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ

**Candidate Answer:** Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ
e) Spectroheliograph
स्पेक्ट्रो हेलिओग्राफ

**Question 44.** Which country won 2016 Men's Hockey Champions Trophy?
वर्ष 2016 की पुरुष हॉकी वैश्विक गोल्ड ट्रॉफी किस देश ने जीती?

**Options:**
1) India
भारत
e) Germany
जर्मनी
e) Belgium
बेल्जियम
e) Australia
ऑस्ट्रेलिया
e) Australia
ऑस्ट्रेलिया
e) Belgium
बेल्जियम
e) Australia
ऑस्ट्रेलिया
e) Belgium
बेल्जियम

**Correct Answer:** Australia
ऑस्ट्रेलिया
e) Belgium
बेल्जियम
e) Australia
ऑस्ट्रेलिया
e) Belgium
बेल्जियम

**Candidate Answer:** Belgium
बेल्जियम
e) Australia
ऑस्ट्रेलिया
e) Belgium
बेल्जियम
e) Australia
ऑस्ट्रेलिया
e) Belgium
बेल्जियम

**Question 45.** Which of the following countries is not a member of G-8?
निम्नलिखित में से कौनसा देश जी-8 का सदस्य नहीं है?

**Correct Answer:** Australia
ऑस्ट्रेलिया
e) Belgium
बेल्जियम
e) Australia
ऑस्ट्रेलिया
e) Belgium
बेल्जियम
e) Australia
ऑस्ट्रेलिया
e) Belgium
बेल्जियम
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 पाटलपुत्र
2) Vaishali वैशाली
3) Lumbini लुम्बिनी
4) Gaya गया

Correct Answer: Pataliputra पाटलपुत्र
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 किलो.
2) 488 kg 488 किलो.
3) 498 kg 498 किलो.
4) 508 kg 508 किलो.

Correct Answer: 488 kg 488 किलो.
Candidate Answer: 488 kg 488 किलो.

Question 52. A shopkeeper earns a profit of 15% after selling a book at 20% discount on the printed price. The ratio of 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
Candidate 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
Candidate Answer: 16:23
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 साइकल, जिसका अंकित मूल्य 3600 रुपये है, को खरीदने के लिए रोहत 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% की वृद्धि होने पर 120 रुपये में 4 कि.ग्राम चीनी कम मिलती है। चीनी का प्रारंभिक मूल्य क्या था?

Options:
1) 5 / kg
2) 4 / kg
3) 6 / kg
4) 5.5 / kg

Correct Answer: 5 / kg
Candidate Answer: 5 / kg

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 दिन दिन पहले दिन 1 कि.मी. चलता है, दूसरे दिन 2 कि.मी. चलता है, तीसरे दिन 3 कि.मी. चलता है और इसी प्रकार आगे भी चलता रहता है। बताइए कितनी दूरी तय करेगा?

Options:
1) 40 km
2) 50 Km
3) 55 Km
4) 58 Km

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 वह दर जाते हैं जिस पर कोई परिवर्तन 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 are respectively the other tangents at A and B to the two circles drawn from the point T then

दो वृत्तों के P पर समान्तर रेखाएं पर T एक बिंदु है और T बिंदु से खींचे गए दो क्रूरताओं के A और B पर TA और TB क्रमशः अन्य स्पर्शी रेखाएं 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 सत्यता सही है?

Options:
1) \( XY - YZ > XZ \)
2) \( XY + YZ < XZ \)
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 \( \sin (3x - 20^\circ) = \cos (3y + 20^\circ) \) हो \( x + y \) का मान ज्ञात कीजिए?

Options:
1) \( 90^\circ \)
2) \( 60^\circ \)
3) \( 120^\circ \)
4) \( 30^\circ \)
Correct Answer: \( 30^\circ \)
Candidate Answer: 30°

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

यदि किसी संख्या में \( \frac{1}{2} \) जोड़ दिया जाए और फिर उस योगफल को 3 से गुना किया जाए तो उत्तर 21 प्राप्त होता है। संख्या बताइए?

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)

सोमवार, मंगलवार, बुधवार और शुक्लवार का औसत तापमान 48° था। मंगलवार, बुधवार, शुक्लवार और शुक्लवार का औसत तापमान 52° था। यदि सोमवार को तापमान 42° हो तो शुक्लवार का तापमान (डिग्री में) बताइए?

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 \( (m^2 - n^2) \cdot (m^3 - n^3) \) is

यदि \( m - n = 2 \), \( mn = 15 \), \( (m, n > 0) \) हो तो \( (m^2 - n^2) \cdot (m^3 - n^3) \) का मान बताइए।

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

यदि \( P = 9 \), \( Q = \sqrt{17} \) हो तो \( (P^2 - Q^2)^{1/3} \) का मान किसके बराबर होगा?

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 \( (5y + 62°) \) and \( (22° + y) \) are supplementary, then value of \( y \) is

यदि कोण \( (5y + 62°) \) और \( (22° + y) \) संपूरक हो तो \( y \) का मान ज्ञात कीजिए?

Options:
1) 16°
2) 32°
3) 8°
4) 1°
Correct Answer: 16°
Candidate Answer: 16°

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

विभुज ABC के परिकेंद्र I से BC पर सम्प्रेर ID खींचा जाता है। यदि ∠BAC = 60° हो, तो ∠BID का मान ज्ञात कीजिए?

Options:
1) 60°
2) 80°
3) 75°
4) 45°
Correct Answer: 60°
Candidate Answer: 60°

Question 69.
Options:
1) n²
2) m²
3) mn
4) 1
Correct Answer: n²
Candidate Answer: n²

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

dो गोलकों के वजन का अनुपात 8 : 27 है और दोनों की समस्य के प्रति 1 घन से.मी.वजन का अनुपात 8 : 1 है। गोलकों की कितना का अनुपात ज्ञात कीजिए?

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

भूमि पर किसी स्थान पर एक मीनार है जिसके शीर्ष पर एक ध्वज का शंक्त लगा है। मीनार के तल से 9 मी. की दूरी पर किसी बिन्दु पर ध्वज के खंभे के शीर्ष और तल के उन्नयन कोण क्रमशः 60° और 30° है। ध्वज के खंभे की ऊँचाई बताइए?

Options:
1) 5√3 m
5√3 मी.
2) 6√3 m
6√3 मी.
3) 6√2m
6√2 मी.
4) 6√5 m
6√5 मी.
Correct Answer: 6√3 m
6√3 मी.
Candidate Answer: 6√3 m
6√3 मी.
Question 72. 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)

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

किस संकाय में विद्यार्थियों की संख्या में नियामित 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 कल्ज में वर्ष संकायों में वर्ष 1990-1991 से 1992-1993 तक विद्यार्थियों की संख्या में होने वाले परिवर्तन दर्शाये गए है। (माप 1 सेमी. =100) बहुविध बार चाट का अध्ययन कर 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 वृद्धि 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 कल्ज में वर्ष संकायों में वर्ष 1990-1991 से 1992-1993 तक विद्यार्थियों की संख्या में होने वाले परिवर्तन दर्शाये गए है। (माप 1 सेमी. =100) बहुविध बार चाट का अध्ययन कर 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 विष्क 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) would have been brighter  
2) had rung  
3) rang  
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
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.

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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.

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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
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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When the speech ended the narrator was

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

Correct Answer: Relieved
Candidate Answer: Relieved

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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