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

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

Grain : Warehouse :: Water ?

अन्वय : गोदाम :: जल : ?

Options:
1) Canal
2) River
3) Estuary
4) Dam

Correct Answer: Dam
Candidate Answer: Dam

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

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

ADFG : KNPQ :: DGIJ : ?

Options:
1) NORS
2) NPQS
3) NQST
4) NQTU

Correct Answer: NQST
Candidate Answer: NQST

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

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

12 : 144 :: ?

Options:
1) 10 : 40
2) 15 : 125
3) 20 : 400
4) 22 : 464

Correct Answer: 20 : 400
Candidate Answer: 20 : 400
Question 4.

For the following questions

Find the odd word/letters/numbers pair from the given alternatives.

हिन्दी में विकल्पों में से विषम/अक्षर/संख्या गुण्य चुनिए।

Options:
1) Peninsula
2) Island
3) Bay
4) Cape

Correct Answer: Bay
Candidate Answer: Bay

Question 5.

For the following questions

Find the odd word/letters/numbers pair from the given alternatives.

हिन्दी में विकल्पों में से विषम/अक्षर/संख्या गुण्य चुनिए।

Options:
1) Tomato
2) Potato
3) Carrot
4) Radish

Correct Answer: Tomato
Candidate Answer: Tomato

Question 6.

For the following questions

Find the odd word/letters/numbers pair from the given alternatives.

हिन्दी में विकल्पों में से विषम/अक्षर/संख्या गुण्य चुनिए।

Options:
1) 41 - 72
2) 12 - 30
3) 51-42
4) 11 - 20

Correct Answer: 41 - 72
Candidate Answer: 41 - 72

Question 7. Which one of the following words will appear third in the dictionary?

निम्नलिखित विकल्पों में से कौन-सा शब्द शब्दकोश में तीसरे स्थान पर आयेगा?
Options:
1) Immutable
2) Immigrate
3) Imperative
4) Impassioned
Correct Answer: Impassioned
Candidate Answer: Impassioned

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

िनिर्दिष्ट प्रश्न में एक अनुक्रम दिया गया है, जिसमें एक पद चुका है। दिए गए विकल्पों में सही विकल्प चुनिए जो अनुक्रम को पूरा करे।
B, F, K, Q, ?
Options:
1) X
2) R
3) T
4) Y
Correct Answer: X
Candidate Answer: X

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

िनिर्दिष्ट प्रश्न में एक अनुक्रम दिया गया है, जिसमें एक पद चुका है। दिए गए विकल्पों में सही विकल्प चुनिए जो अनुक्रम को पूरा करे।
5, 9, 13, 17, ?, 25
Options:
1) 27
2) 23
3) 21
4) 19
Correct Answer: 21
Candidate Answer: 21

Question 10. A shepherd had 17 sheep. All but eight died. How many was he left with?
एक चरवाहे के पास 17 भेड़ थी। उनमें से आठ को छोड़कर सब मर गई। अब उसके पास कितनी भेड़ शेष है?
Options:
1) 17
2) 0
3) 8
4) 9
Correct Answer: 8
Candidate Answer: 8

Question 11. The sum of present age of father and his son is 60 yrs. Six years ago, father's age was five times the age of the son. After 6 years, son's age will be?
एक पिता और उसके पुत्र की कुल आयु 60 वर्ष है। 6 वर्ष पहले पिता की आयु पुत्र की आयु की 5 गुना थी। 6 वर्ष बाद पुत्र की आयु क्या होगी?
Options:
1) 45
2) 25
3) 20
4) 33
Correct Answer: 20
Candidate Answer: 20

Question 12. From the given alternative words, select the word which cannot be formed using the letters of the given word:
निर्दिष्ट विकल्पों में से यह शब्द चुनिए जो दिए गए शब्द के अक्षरों का प्रयोग करके नहीं बनाया जा सकता।
"EXAMINATION"
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Question 13. In certain code, if 'AMOUNT' is written as 'BNPTMS', how is 'AROUND' written in that code?

Options:
1) BSPUNT
2) BSUPTN
3) BSPTMC
4) ZSPVOE

Correct Answer: BSPTMC

Candidate Answer: BSPTMC

Question 14. If 5 x 4 x 0 = 405
3 x 2 x 8 = 283
then 1 x 7 x 6 = ?

Options:
1) 617
2) 716
3) 167
4) 761

Correct Answer: 761

Candidate Answer: 761

Question 15. If 56 x 11 = 9, 37 x 13 = 6, 42 x 12 = 3, then find the value of 87 x 77.

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

Correct Answer: 1

Candidate Answer: 1

Question 16. Select the missing number from the given responses:

Options:
1) 60
2) 58
3) 65
4) 72
Correct Answer: 72
Candidate Answer: 72

Question 17. Vijey walks 10 meters westward, then turns left and walks 10 meters. He then again turns left and walks 10 meters. He takes a 45 degree turn rightwards and walks straight. In which direction is he walking now?

Correct Answer: South West
Candidate Answer: South 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.

Statement:
I. All that glitters is not gold
II. Sujatha wears a gold ornament

Conclusion:
I) Sujatha's ornament glitters
II) Sujatha's ornaments do not glitter

Options:
1) Only Conclusion I follows
2) Only Conclusion II follows
3) Both Conclusions I & II follow
4) Neither Conclusion I nor II follows

Correct Answer: Neither Conclusion I nor II follows
Candidate Answer: Neither Conclusion I nor II follows

Question 19. Find the number of triangles in the given figure

Correct Answer: 14
Question 20. In the following figure, circle represents Graduates, triangle represents Sub-Inspector of Police, and parallelogram represents Women. Then, which number space represents Women Graduate and Sub-Inspector of Police?

Options:
1) 11
2) 12
3) 13
4) 14
Correct Answer: 13
Candidate Answer: 13

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

Correct Answer: 5
Candidate Answer: [ NOT ANSWERED ]
Options:

Correct Answer:

Candidate Answer:

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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:
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.

यदि किसी कागज को नीचे दिए गए चित्र के अनुसार मोड़कर काटा जाए तो खोलने के बाद वह किस 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 दर्पण को MN रेखा पर रखा जाए तो दी गई उत्तर आकृतियों में से कौन-सी आकृति प्रक्ष्य आकृति का सही प्रतिबिंब होगी?

Options:
1) 

2) 

3) 

4)
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., 'A' can be represented by 04, 12, etc. and 'N' can be represented by 57, 69 etc. You have to identify the set for the word 'ROAD'.

\[\begin{array}{cccc}
0 & 1 & 2 & 3 \\
B & C & D & A \\
E & D & A & B \\
C & A & B & D \\
A & D & E & C \\
\end{array}\]

\[\begin{array}{cccc}
5 & 6 & 7 & 8 \\
T & U & R & O \\
O & N & T & U \\
T & U & R & O \\
U & R & T & O \\
\end{array}\]

Options:
1) 67, 87, 23, 43
2) 86, 75, 24, 33
3) 79, 99, 41, 42
4) 86, 56, 23, 33

Correct Answer: 86, 56, 23, 33
Candidate Answer: [ NOT ANSWERED ]

Question 26. 'Capital gains' refers to goods which

'पूँजीवान लाभ' का समक्ष किस सामान से है?

Options:
1) serve as a source of raising further capital जो पूँजी की ओर बढ़ाने का साधन होता है
2) help in the further production of goods जो सामान के और अधिक उत्पादन में सहायक होता है
3) directly go into the satisfaction of human wants जो मनुष्य की बाग़ी की प्रशंसा रूप से पूरू भूती है
4) find multiple uses जो विभिन्न सामान परिणाम को भेदित है

Correct Answer: help in the further production of goods जो सामान के और अधिक उत्पादन में सहायक होता है
Candidate Answer: [ NOT ANSWERED ]

Question 27. The President can dismiss a member of the Council of Ministers

राष्ट्रपति मंत्रिपरिषद के सदस्य को कैसे ब्रह्मांड कर सकते है?
Options:
1) with the consent of the Speaker
2) only under emergency conditions
3) on the recommendation of the Prime Minister
4) on his own

Correct Answer: on the recommendation of the Prime Minister

Candidate Answer: on the recommendation of the Prime Minister

Question 28. Securities and Exchange Board of India is a

Options:
1) Quasi Judicial body
2) Regulatory Body
3) Advisory Body
4) Constitutional Body

Correct Answer: Regulatory Body

Candidate Answer: Regulatory Body

Question 29. Vikram Shila University was founded by

Options:
1) Chandra Gupta Maurya
2) Kanishka
3) Dharampala
4) Pulakesin II

Correct Answer: Dharampala

Candidate Answer: Dharampala

Question 30. The tree species most commonly used in social forestry is

Options:
1) Peepal
2) Gulmohar
3) Eucalyptus
4) Mango

Correct Answer: Eucalyptus

Candidate Answer: [ NOT ANSWERED ]

Question 31. The most productive ecosystem in the biosphere is

Options:
1) Peepal
2) Gulmohar
3) Eucalyptus
4) Mango

Correct Answer: Eucalyptus

Candidate Answer: [ NOT ANSWERED ]
Options:
1) Desert
रेग्रेसन
2) Open Ocean
खुला समुद्र
3) Estuary
खाड़ी (एस्टर्यूरी)
4) Tundra
tundra

Correct Answer: Estuary
खाड़ी (एस्टर्यूरी)

Candidate Answer: [ NOT ANSWERED ]

Question 32. What type of force acts on a car moving around a curve?
किसी वृत्ताकार वर्तन कर रही वाहन का बल काम करता है?

Options:
1) Centrifugal force
अपकेंद्री स्वरूप
2) Cohesive force
संकेंद्री स्वरूप
3) Centripetal force
अभिकेंद्री स्वरूप
4) Gravitational force
गुरुत्वाकर्षण स्वरूप

Correct Answer: Centripetal force
अभिकेंद्री स्वरूप

Candidate Answer: Centripetal force
अभिकेंद्री स्वरूप

Question 33. Which phenomenon is responsible for the echo of sound wave?
धारा तरंगों की गुंज लिए कौन-सा कारण जिम्मेदार होता है?

Options:
1) Reflection
परावर्तन
2) Refraction
अपवर्तन
3) Interference
व्यत्यास
4) Polarisation
धुर्वकरण

Correct Answer: Reflection
परावर्तन

Candidate Answer: Polarisation
धुर्वकरण

Question 34. In the following list of devices, which device is used in datalink layer?
निम्नलिखित उपकरणों की सूची में डेटालिंक लेयर में किस उपकरण का प्रयोग किया जाता है?

Options:
1) Repeaters
रिपेटर
2) Routers
राउटर
3) Application gateway
एप्लिकेशन गेट वे
4) Bridge
t्रिज

Correct Answer: Bridge
t्रिज

Candidate Answer: [ NOT ANSWERED ]

Question 35. Which of the metals has the maximum thermal conductivity?
निम्नलिखित धातुओं में से किस धातु का अधिकतम ताप प्रसारण होता है?

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Question 36. Who is the author of Meghdoot?

अम्भूत का लेखक कौन है?

Options:
1) Shudraka
2) Vishakhadatta
3) Kalidasa
4) Chanakya

Correct Answer: Kalidasa
Candidate Answer: Kalidasa

Question 37. One of the best solutions to get rid of non-biodegradable waste is?

अर्थों अन्तर्शारीय कर्म (नॉन-बॉयोडेक्रेडिबल वेस्ट) के निपटान का समाधान क्या है?

Options:
1) Burning
2) Dumping
3) Burying
4) Recycling

Correct Answer: Recycling
Candidate Answer: Burying

Question 38. The Sharda Act is related to?

शारदा अधिनियम का सम्बन्ध कौन से है?

Options:
1) Upliftment of scheduled tribes
2) Upliftment of minorities
3) Child Marriage
4) Empowerment of women

Correct Answer: Child Marriage
Candidate Answer: Child Marriage

Question 39. In the battle of Panipat, Babar faced the armies of?

पानीपत की लड़ाई में, बाबर ने किसकी सेना का सामना किया था?

Options:
1) Iron
2) Aluminium
3) Silver
4) Copper

Correct Answer: Silver
Candidate Answer: Silver
Options:
1) Jaichand जयचलेन द
2) Hemu हेमु
3) Daulat khan दौलत खान
4) Ibrahim Lodi इब्रहिम लौडी

Correct Answer: Ibrahim Lodi इब्रहिम लौडी

Candidate Answer: Ibrahim Lodi इब्रहिम लौडी

Question 40.“Smart Money” term is used for
“Smart Money” शब्द किसके लिए प्रयोग होता है?

Options:
1) Credit Card क्रेडिट कार्ड
2) Internet Banking इंटरनेट बैंकिंग
eBanking ई-बैंकिंग
c) Cash with Public केश वित्त पब्लिक

Correct Answer: Credit Card क्रेडिट कार्ड
candidate Answer: [ NOT ANSWERED ]

Question 41.Malala Yousafzai and Kailash Satyarthi were jointly presented with which award?
मालाला यूसूफजाई और कैलाश सत्यार्थी को संयुक्त रूप से किस से अवॉर्ड से नवाजा गया था?

Options:
1) Magsaysay Award मागसेसे अवॉर्ड
2) Nobel Peace Prize नोबेल पेय बॉर्ड
3) Gandhi Peace Prize गांधी शांति पुरस्कार
c) Jawaharlal Nehru Award for International Understanding जवाहरलाल नेहरू पुरस्कार
d) Programme of International Understanding अंतर्राष्ट्रीय समझ के लिए जवाहर लाल नेहरू पुरस्कार

Correct Answer: Nobel Peace Prize नोबेल पेय बॉर्ड
candidate Answer: Nobel Peace Prize नोबेल पेय बॉर्ड

Question 42.Warming Ammonium chloride with sodium hydrochloride in a test tube is an example of
एक टेस्ट ट्यूब में अमोनियम क्लोराइड के साथ सोडियम हाइड्रोक्लोराइड को गरम करना किसका उदाहरण है?

Options:
1) Open system खुला तंत्र
2) Closed system बंद तंत्र
3) Isobaric system समदाबी रिस्टर्म
c) Isothermal system समतापी रिस्टर्म
d) Isothermal system समतापी रिस्टर्म
correct Answer: Open system खुला तंत्र

candidate Answer: [ NOT ANSWERED ]

Question 43.Which of the following is the cleanest source of energy?
निम्नलिखित में से स्वच्छतम ऊर्जा का स्रोत क्या है?

http://thepracticetest.in/challengesystem/response_questions.php?_id=MzA=&appid=1a4ff78943624af40c79dcecf09bb67
15/31
Options:  
1) Biofuel  
2) Fossil fuel  
3) Nuclear power  
4) Wind energy  

Correct Answer: Wind energy  
Candidate Answer: Wind energy

Question 44. The first woman of Indian origin who undertook a space journey  
अन्तरिक्ष प्रवर्तन करने वाली भारतीय महिला कौन थी?

Options:  
1) Sunita Williams  
2) Kalpana Chawla  
3) Darshana Ranganath  
4) Avani Chaturvedi  

Correct Answer: Kalpana Chawla  
Candidate Answer: Kalpana Chawla

Question 45. Male mosquitoes take their food from  
नर मक्खी अपना भोजन कहाँ से प्राप्त करते है?

Options:  
1) human blood  
2) standing water  
3) sap of plants  
4) dung and debris  

Correct Answer: sap of plants  
Candidate Answer: human blood

Question 46. The range that acts as watershed between India and Turkistan is  
भारत और तुर्किस्तान के बीच जल-विभाजक का काम करने वाली पर्वत क्षेत्र (रेग) कौन-सी है?

Options:  
1) Zaskar  
2) Kailash  
3) Karakoram  
4) Ladakh  

Correct Answer: Karakoram  
Candidate Answer: [ NOT ANSWERED ]

Question 47. Kolattam and Chholiya are the dance forms of which of the two States  
कोलत्तम और छलिया नृत्य शैली किन दो राज्यों से सम्बंधित है?

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Question 48. Which parliamentary committee in India is normally chaired by a prominent member of the opposition?

Options:
1) Committee on Government Assurances
2) Estimates Committee
3) Privileges Committee
4) Public Accounts Committee

Correct Answer: Public Accounts Committee

Candidate Answer: [ NOT ANSWERED ]

Question 49. The specific role of Vitamin K is in the synthesis of

Options:
1) Albumin
2) Antibodies
3) Globulin
4) Prothrombin

Correct Answer: Prothrombin

Candidate Answer: [ NOT ANSWERED ]

Question 50. From the national point of view, which of the following indicates micro approach?

Options:
1) Study of sales of mobile phones by BSNL
2) Unemployment among Women
3) Per capita income in India
4) Inflation in India

Correct Answer: Study of sales of mobile phones by BSNL

Candidate Answer: [ NOT ANSWERED ]

Question 51. A can do a piece of work in 10 days, B can do it in 12 days and C can do it in 15 days. In how many days will A, B and C finish it, working all together?

A किसी काम को 10 दिन में करता है, B उसी काम को 12 दिन में करता है और C उसी काम को 15 दिन में करता है। A, B और C तीनों मिलकर उस काम को कितने दिन में पूरा करेंगे?

A किसी काम को 10 दिन में करता है, B उसी काम को 12 दिन में करता है और C उसी काम को 15 दिन में करता है। A, B और C तीनों मिलकर उस काम को कितने दिन में पूरा करेंगे?
Options:
1) 6 days
6 दिन
2) $5\frac{1}{4}$ days
$5\frac{1}{4}$ दिन
3) $4\frac{9}{11}$ days
$4\frac{9}{11}$ दिन
4) 4 days
4 दिन
Correct Answer: 4 days
4 दिन
Candidate Answer: 4 days
4 दिन

Question 52. If the volumes of two right circular cones are in the ratio 1:4 and their diameters of bases in the ratio 4:5, then their heights will be in the ratio:

यदि दो लम्ब प्रतीय कंकियों के आयतन 1:4 के अनुपात में तथा उनके आधारों के व्यास 4:5 के अनुपात में हो, तो उनकी ऊंचाईयों में कितना अनुपात होगा?

Options:
1) 1: 5
2) 4:25
3) 16:25
4) 25:64
Correct Answer: 25:64
Candidate Answer: 25:64

Question 53. List price of TV is Rs. 2300 and discount series found to be 25% and 10%. Then the selling price of TV is

किसी टी.वी. की सूची कीमत Rs. 2300 है और उन पर बढ़ा 25% और 10% हो तो विक्रय मूल्य बताइए?

Options:
1) Rs.1255.5
2) Rs.1525.5
3) Rs.1552.5
4) Rs.1555.2
Correct Answer: Rs.1552.5
Candidate Answer: Rs.1552.5

Question 54. Ram is 20 years younger than Shyam. 5 years ago, the ratio of their age was 3:5. The sum of their present age is

राम, श्याम से 20 वर्ष छोटा है। 15 वर्ष पूर्व उनकी आयु में 3:5 का अनुपात था।उनकी वर्तमान आयु का योग बताइए?

Options:
1) 75 years
75 वर्ष
2) 80 years
80 वर्ष
3) 90 years
90 वर्ष
4) 95 years
95 वर्ष
Correct Answer: 90 years
90 वर्ष
Candidate Answer: [ NOT ANSWERED ]

Question 55. If the loss of percent on article is 15%. Then the ratio of the cost price and sell price will be

यदि किसी वस्तु पर 15% की हानि हो तो उसके क्रय मूल्य और विक्रय मूल्य का अनुपात बताइए?

Options:
1) 75 years
75 वर्ष
2) 80 years
80 वर्ष
3) 90 years
90 वर्ष
4) 95 years
95 वर्ष
Correct Answer: 90 years
90 वर्ष
Candidate Answer: [ NOT ANSWERED ]
Options:
1) 17:20
2) 20:17
3) 23:15
4) 15:23
Correct Answer: 20:17
Candidate Answer: 20:17

Question 56. If A's salary is 40% less than that of B, then how much percent is B's salary more than that of A?

यदि A का वेतन B के वेतन से 40% कम हो तो B का वेतन A के वेतन से कितने प्रतिशत अधिक है?

Options:
1) 33\(\frac{1}{3}\)
2) 66\(\frac{2}{3}\)
3) 33\(\frac{1}{3}\)
4) 66\(\frac{2}{3}\)
Correct Answer: 66\(\frac{2}{3}\)
Candidate Answer: 66\(\frac{2}{3}\)

Question 57. Gautam goes to office at a speed of 12 kmph and returns home at 10 kmph. His average speed is

गौतम 12 कि.मी./घंटा की चाल से कार्यालय जाता है और 10 कि.मी./घंटा की चाल से वापस आता है। उसकी औसत चाल बताएं?

Options:
1) 11
2) 22
3) 10.9
4) 12.5
Correct Answer: 10.9
Candidate Answer: 10.9

Question 58.
If \(x = 3^{\frac{1}{3}} - 3^{-\frac{1}{3}}\) value of \(3x^3 + 9x\) is:

यदि \(3^{1/3} - 3^{-1/3}\) हो तो \(3x^3 + 9x\) का मान क्या होगा?

Options:
1) 8
2) 9
3) 27
4) 16
Correct Answer: 8
Candidate Answer: [ NOT ANSWERED ]

Question 59. If \(xy (x + y) = m\), then the value of \(x^3 + y^3 + 3m\) is:

यदि \(xy (x + y) = m\) हो, तो \(x^3 + y^3 + 3m\) का मान बताइए?

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http://thepracticetest.in/challengesystem/response_questions.php?t_id=MzA=&appid=1a4ff78943b24af40c79decfc09bb87
Question 60. Which of the following is a true statement?

- Two similar triangles are always congruent.
- Two similar triangles have equal areas.
- Two triangles are similar if their corresponding sides are proportional.
- Two polygons are similar if their corresponding sides are proportional.

Correct Answer: Two triangles are similar if their corresponding sides are proportional.

Candidate Answer: [ NOT ANSWERED ]

Question 61. In a triangle ABC, OB and OC are the bisectors of angles ∠B and ∠C respectively. ∠BAC = 60°. Then the angle ∠BOC will be

Options:
1) 150°
2) 120°
3) 100°
4) 90°

Correct Answer: 120°

Candidate Answer: [ NOT ANSWERED ]

Question 62.

The value of \( \frac{\sin \theta + \sin \phi}{\cos \theta + \cos \phi} \) is 

\( \frac{\sin \theta + \sin \phi}{\cos \theta + \cos \phi} + \frac{\cos \theta - \cos \phi}{\sin \theta - \sin \phi} \) का मान बताए?
Question 63. The least number that must be subtracted from 63520 to make the result a perfect square is

वह न्यूनतम संख्या जिसे यदि 63520 में से घटाया जाए तो परिणाम स्वरूप पूर्ण वर्ग बन जाए, क्या होगी?

Options:
1) 30
2) 24
3) 14
4) 16
Correct Answer: 16
Candidate Answer: [ NOT ANSWERED ]

Question 64. Three years ago, the average age of a family of 5 members was 17 years. A baby having been born, the average age of the family is the same today. The present age of the baby is

3 वर्ष पहले 5 सदस्यों वाले एक परिवार की औसत आयु 17 वर्ष थी। एक शिशु का जन्म हो जाने के पश्चात आज औसत आयु वही है। शिशु की वर्तमान आयु क्या है?

Options:
1) 2 years
2) 2.4 years
3) 3 years
4) 1.5 years
Correct Answer: 2 years
Candidate Answer: 2 years

Question 65.

If \( p + \frac{1}{p+2} = 1 \), then the value of \( (p+2)^3 + \frac{1}{(p+2)^2} \) is

यदि \( p + \frac{1}{p+2} = 1 \), हो तो \( (p+2)^3 + \frac{1}{(p+2)^2} \) का मान बताइए?

Options:
1) 12
2) 16
3) 18
4) 15
Correct Answer: 15
Candidate Answer: [ NOT ANSWERED ]
Question 66.

If \(3a + 4b = 3c - 4d\), then \(\frac{3a + 4b}{3c + 4d} = \frac{3a - 4b}{3c - 4d}\).

Options:
1) \(ab = cd\)
2) \(ad = bc\)
3) \(ac = bd\)
4) \(a = b = c \neq d\)

Correct Answer: \(ad = bc\)
Candidate Answer: [ NOT ANSWERED ]

Question 67. If the difference between the measures of the two smaller angles of a right angled triangle is \(8^\circ\), then the smallest angle is

यदि किसी समकोण त्रिभुज के दो छोटे कोणों के माप के बीच \(8^\circ\) का अंतर हो तो सबसे छोटा कोण कौन सा होगा?

Options:
1) \(37^\circ\)
2) \(41^\circ\)
3) \(42^\circ\)
4) \(49^\circ\)

Correct Answer: \(41^\circ\)
Candidate Answer: \(41^\circ\)

Question 68. Let \(O\) be the orthocentre of the triangle \(ABC\). If \(\angle BOC = 150^\circ\), then \(\angle BAC\) is

मान लिए, त्रिभुज \(ABC\) का समकोण केंद्र \(O\) है। यदि कोण \(BOC = 150^\circ\) हो तो कोण \(BAC\) क्या होगा?

Options:
1) \(30^\circ\)
2) \(60^\circ\)
3) \(90^\circ\)
4) \(120^\circ\)

Correct Answer: \(30^\circ\)
Candidate Answer: [ NOT ANSWERED ]

Question 69.

If \(\cot \theta = 4\), then the value of \(\frac{5 \sin \theta + 3 \cos \theta}{5 \sin \theta - 3 \cos \theta}\) is

यदि \(\cot \theta = 4\), हो तो \(\frac{5 \sin \theta + 3 \cos \theta}{5 \sin \theta - 3 \cos \theta}\) का मान बताएं?

Options:
1) \(\frac{1}{8}\)
2) \(\frac{1}{3}\)
3) \(3\)
4) \(9\)

Correct Answer: \(9\)
Candidate Answer: [ NOT ANSWERED ]
Question 70. In simple interest rate per annum a certain sum amounts to Rs. 5,182 in 2 years and Rs. 5,832 in 3 years. The principal in rupees is

.options:
1) Rs. 2882
2) Rs. 5000
3) Rs. 3882
4) Rs. 4000
Correct Answer: Rs. 3882
Candidate Answer: [ NOT ANSWERED ]

Question 71. A helicopter, at an altitude of 1500 m, finds that two ships are sailing towards it, in the same direction. The angles of depression of the ships as observed from the helicopter are 60° and 30° respectively. Distance between the two ships, in metres is

1500 m ऊंचाई पर एक हेलीकॉप्टर देखता है कि दो पोत उसकी ओर उसी दिशा में चले आ रहे हैं। हेलीकॉप्टर से देखे जाने पर पोतों के अवनमन के कोण क्रमशः 60° और 30° दिखाई देते हैं। दोनों पोतों के बीच, मीटर में, क्या बताईए?

.options:
1) 1000√3
2) 1000√3
3) 500√3
4) 500√3
Correct Answer: 1000√3
Candidate Answer: [ NOT ANSWERED ]

Question 72. The graph shows the monthly expenditure of a company (unit = 10 lakhs). Study the graph and answer the questions.

ग्राफ में किसी कम्पनी के मासिक खर्च की दरारु है। ग्राफ का अध्ययन कीजिए और निर्देशित प्रश्नों के उत्तर दीजिए?

The percentage of money spent on miscellaneous is

विविध मद पर कितने प्रतिशत राशि खर्च हुई?
Question 73. The graph shows the monthly expenditure of a company (unit = 10 lakhs). Study the graph and answer the questions.

The fraction of money spent on refreshments is

Options:
1) \(7 \frac{7}{17}\)
2) \(17 \frac{7}{7}\)
3) \(C'\)
\(\frac{11}{6}\)
4) \(C'\)
\(9 \frac{7}{11}\)

Correct Answer: \(C'\)
\(\frac{11}{6}\)

Candidate Answer: [ NOT ANSWERED ]

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Question 74. The graph shows the monthly expenditure of a company (in lakhs). Study the graph and answer the questions.

The total monthly expenditure of the company is

Options:
1) 153 Lakhs
2) 315 Lakhs
3) 135 Lakhs
4) 531 Lakhs

Correct Answer: 135 Lakhs

Candidate Answer: 135 Lakhs
Question 75. The graph shows the monthly expenditure of a company (unit = 10 lakhs). Study the graph and answer the questions.

The ratio between transport and employee salary on monthly basis is

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

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.

IMPECCABLE
Options:
1) INOFFENSIVE
2) HARMLESS
3) IMPORTANT
4) FAULTLESS
Correct Answer: FAULTLESS
Candidate Answer: FAULTLESS

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.

DISAVOWAL
Options:
1) REBUTTAL
2) REPEAL
3) APPROVAL
4) APPEAL
Correct Answer: APPROVAL
Candidate Answer: [ NOT ANSWERED ]

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) Heirarchy
2) Hierrarchy
3) Hierarchy
4) Heirarchy
Correct Answer: Hierarchy
Candidate Answer: [ NOT ANSWERED ]
On being called, (A) all of us (B) entered into the room. (C) No Error (D)

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

Correct Answer: C
Candidate Answer: C

I waited for you (A) but you never (B) turned up. (C) No Error (D)

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

Correct Answer: D
Candidate Answer: C

He learnt (A) the alphabets (B) at the age of four. (C) No Error (D)

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

Correct Answer: B
Candidate Answer: B

By a single mean act, he _____ out all his good deeds.

Options:
1) wiped
2) whipped
3) worked
4) whisked

Correct Answer: wiped
Candidate Answer: wiped

I was conscious _____ a break in my voice.

Options:
1) to
2) of
3) over
4) for

Correct Answer: of
Candidate Answer: [ NOT ANSWERED ]
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.

All moonshine

Options:
1) Glowing
2) Far from reality
3) Celestial
4) About the moon

Correct Answer: Far from reality
Candidate Answer: Celestial

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.

At a snail’s pace

Options:
1) Quietly
2) Quickly
3) Continuously
4) Slowly

Correct Answer: Slowly
Candidate Answer: Continuously

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.

Call on

Options:
1) Telephone
2) Seek help
3) Pay a visit
4) Order

Correct Answer: Pay a visit
Candidate Answer: Pay a visit

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 sets type for books, newspapers, etc.

Options:
1) Typist
2) Editor
3) Composer
4) Compositor

Correct Answer: Compositor
Candidate Answer: Editor

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.

Land covered by water on three sides

Options:
1) Island
2) Mainland
3) Strait
4) Peninsula

Correct Answer: Peninsula
Candidate Answer: Island

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.

A drug or other substance that produces sleep

Options:
1) Soporific
2) Depressant
3) Narcotic
4) Antiseptic

Correct Answer: Soporific
Candidate Answer: Narcotic
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".

The rays of the sun that is setting glimmer like golden threads.

Options:
1) the sunset glimmers
2) the set sun glimmering
3) the setting sun glimmer
4) No improvement

Correct Answer: the setting sun glimmer

Candidate Answer: [ NOT ANSWERED ]

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".

Will you lend me few rupees for the taxi fare?

Options:
1) lend me any rupees
2) lend me a few rupees
3) borrow a few rupees
4) No improvement

Correct Answer: lend me a few rupees

Candidate Answer: lend me a few rupees

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".

The higher you climb a Himalayan peak, more cold you feel.

Options:
1) the colder
2) the most cold
3) colder
4) No improvement

Correct Answer: the colder

Candidate Answer: the colder

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".

They were all astonished at the team's dramatic success in the competition.

Options:
1) were astonished at all
2) had all astonished by
3) had been all astonished on
4) No improvement

Correct Answer: No improvement

Candidate Answer: [ NOT ANSWERED ]

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".

She is bent to taking revenge against her attacker.

Options:
1) bent upon
2) bent in
3) bent for
4) No improvement

Correct Answer: bent upon

Candidate Answer: bent upon

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.

There is a time in every man's education when he arrives at the conviction that envy is ignorance; that imitation is suicide; that he must take himself for better, for worse, as his portion; that though the wide universe is full of good, no kernel of nourishing corn can come to him but through his toil bestowed on that plot of ground which is given to him to till. The power which resides in him is new in nature, and none but he knows what that is which he can do, nor does he know until he has tried. Not for nothing one face, one character, one fact, makes much impression on him, and another none. This sculpture in the memory is not without pre-established harmony. The eye was placed where one ray should fall, that it might testify of that particular ray. We but half express ourselves, and are ashamed of that divine idea which each of us represents. It may be safely trusted as proportionate and of good issues, so it be faithfully imparted, but God will not have his work made manifest by cowards. A man is relieved and gay when he has put his heart into his work and has done his best; but what he has said or done otherwise, shall give him no peace. It is a deliverance which does not deliver. In the attempt his genius deserts him; no muse befriends; no invention, no hope.

Which of the following does the author appear to highlight in this essay?
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.

There is a time in every man's education when he arrives at the conviction that envy is ignorance; that imitation is suicide; that he must take himself for better, for worse, as his portion; that though the wide universe is full of good, no kernel of nourishing corn can come to him but through his toil bestowed on that plot of ground which is given to him to till. The power which resides in him is new in nature, and none but he knows what that is which he can do, nor does he know until he has tried. Not for nothing one face, one character, one fact, makes much impression on him, and another none. This sculpture in the memory is not without pre-established harmony. The eye was placed where one ray should fall, that it might testify of that particular ray. We but half express ourselves, and are ashamed of that divine idea which each of us represents. It may be safely trusted as proportionate and of good issues, so it be faithfully imparted, but God will not have his work made manifest by cowards. A man is relieved and gay when he has put his heart into his work and has done his best; but what he has said or done otherwise, shall give him no peace. It is a deliverance which does not deliver. In the attempt his genius deserts him; no muse befriends; no invention, no hope.

When is a man relieved and gay?

**Options:**
1) When he has untapped potential
2) When he has put his heart into his work and has done his best
3) When destiny smiles at him
4) When he achieves his goal

**Correct Answer:** When he has put his heart into his work and has done his best

**Candidate Answer:** When he has put his heart into his work and has done his best

According to the author, God is not looking for____ to manifest his works.

**Options:**
1) Cowards
2) Stubborn people
3) Weaklings
4) All of these

**Correct Answer:** Cowards

**Candidate Answer:** Cowards

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.

There is a time in every man's education when he arrives at the conviction that envy is ignorance; that imitation is suicide; that he must take himself for better, for worse, as his portion; that though the wide universe is full of good, no kernel of nourishing corn can come to him but through his toil bestowed on that plot of ground which is given to him to till. The power which resides in him is new in nature, and none but he knows what that is which he can do, nor does he know until he has tried. Not for nothing one face, one character, one fact, makes much impression on him, and another none. This sculpture in the memory is not without pre-established harmony. The eye was placed where one ray should fall, that it might testify of that particular ray. We but half express ourselves, and are ashamed of that divine idea which each of us represents. It may be safely trusted as proportionate and of good issues, so it be faithfully imparted, but God will not have his work made manifest by cowards. A man is relieved and gay when he has put his heart into his work and has done his best; but what he has said or done otherwise, shall give him no peace. It is a deliverance which does not deliver. In the attempt his genius deserts him; no muse befriends; no invention, no hope.

What is that which only the person himself knows and must act in order to discover it?

**Options:**
1) His untapped potential
2) His destiny that lies in the future
3) The power which resides in him
4) The joy of achieving success

**Correct Answer:** The power which resides in him

**Candidate Answer:** The power which resides in him
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.

There is a time in every man’s education when he arrives at the conviction that envy is ignorance; that imitation is suicide; that he must take himself for better, for worse, as his portion; that though the wide universe is full of good, no kernel of nourishing corn can come to him but through his toil bestowed on that plot of ground which is given to him to till. The power which resides in him is new in nature, and none but he knows what that is which he can do, nor does he know until he has tried. Not for nothing one face, one character, one fact, makes much impression on him, and another none. This sculpture in the memory is not without pre-established harmony. The eye was placed where one ray should fall, that it might testify of that particular ray. We but half express ourselves, and are ashamed of that divine idea which each of us represents. It may be safely trusted as proportionate and of good issues, so it be faithfully imparted, but God will not have his work made manifest by cowards. A man is relieved and gay when he has put his heart into his work and has done his best; but what he has said or done otherwise, shall give him no peace. It is a deliverance which does not deliver. In the attempt his genius deserts him; no muse befriends; no invention, no hope.

What does the word ‘Manifest’ mean?

Options:
1) Display
2) Hide
3) Shout
4) Try

Correct Answer: Display
Candidate Answer: Display