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

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

Foot : Man :: Hoof : ?
वैज्ञानिक व्याख्या में आती है और वेग़ा में तलाशते है।

Options:
1) Leg पैर
2) Dog कुत्ता
3) Horse घोड़ा
4) Shoe जूता

Correct Answer: Horse घोड़ा
Candidate Answer: Horse घोड़ा

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

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

ACEG : ZXVT :: IKMO : ?

Options:
1) MNOP
2) PQRS
3) RPNL
4) LNPR

Correct Answer: RPNL
candidate Answer: RPNL

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

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

68 : 130 :: 222 : ?

Options:
1) 345
2) 365
3) 355
4) 350

Correct Answer: 350
candidate Answer: [ NOT ANSWERED ]

Question 4.

For the following questions

Find the odd word/letters/number pair from the given alternatives

दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या/ अपर प्रयुक्त हुए को चुनें।

For the following questions
Question 5.

For the following questions

Find the odd word/letters/number pair from the given alternatives

दिए गए विकल्पों में से विषम शब्द/ संख्या/ अक्षर सूची चुनिए।

Options:
1) CZHK
2) SENO
3) XUBU
4) MLAG
Correct Answer: XUBU
Candidate Answer: XUBU

Question 6.

For the following questions

Find the odd word/letters/number pair from the given alternatives

दिए गए विकल्पों में से विषम शब्द/ संख्या/ अक्षर सूची चुनिए।

Options:
1) 1 : 8
2) 27 : 64
3) 125 : 218
4) 323 : 512
Correct Answer: 125 : 218
Candidate Answer: 125 : 218

Question 7.

Arrange the following words as per order in the dictionary

निम्नलिखित शब्दों को संबंधशब्दों में दिए गए क्रम के अनुसार लिखिए।

1. Follicle 2. Folk 3. Follow 4. Foliage

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

Question 8.

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

नीचे एक श्रृंखला दी गई है, जिसमें एक पद लुप्त है। दिए गए विकल्पों में से वह सही विकल्प चुनिए जो अभावक्रम को पूरा करे।

8, 15, 28, 53, ?
Options:
1) 106
2) 100
3) 108
4) 102
Correct Answer: 102
Candidate Answer: 102

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

नीचे एक श्रृंखला दी गई है, जिसमें एक पद लुप्त है। दिए गए विकल्पों में से वह सही विकल्प चुनिए जो अनुक्रम को पूरा करे।

WFB, TGD, QHG, ?
Options:
1) NIL
2) NIK
3) NLK
4) NJL
Correct Answer: NIK
Candidate Answer: NIK

Question 10.The average age of 19 boys in a class is 21 years. If the teacher's age is included, the average increases to 22 years. What is the teacher's age?

एक राशि में 19 लड़कों की औसत आयु 21 वर्ष है। यदि अध्यापक की आयु भी शामिल की जाए तो वह बढ़कर 22 वर्ष हो जाती है। अध्यापक की आयु कितनी है?

Options:
1) 39 years
2) 41 years
3) 40 years
4) 44 years
Correct Answer: 41 years
Candidate Answer: 41 years

Question 11.A man is 3 years older than his wife and four times as old as his son. If the son becomes 15 years old after 3 years. Then what is the present age of the wife?

एक आदमी अपनी पत्नी से 3 वर्ष बड़ा है और उसकी उम्र उनके बेटे की 4 गुना है। अगर बेटा 3 साल के बाद 15 वर्ष का हो जाता है, तो उसकी पत्नी की दर्जन उम्र क्या है?

Options:
1) 60 years
2) 51 years
3) 48 years
4) 45 years
Correct Answer: 45 years
Candidate Answer: 45 years

Question 12.From the given alternative words, select the word which can not be formed using the letter of the given word:

निम्नलिखित विकल्पों में से वह शब्द पूरिमें जो दिए गए शब्द के अक्षरों का प्रयोग करके नहीं बनाया जा सकता है।

UNIVERSALISATION
Options:
1) NATION
2) CURTAIN
3) LIVER
4) AVIATION
Correct Answer: CURTAIN
Candidate Answer: CURTAIN

Question 13. If FRIEND is coded as HTKGPF then REVEAL will be coded as:

यदि एक कोड में 'FRIEND' को 'HTKGPF' सिखा जाता है, तो उस कोड में 'REVEAL' को क्या सिखा जायेगा?

Options:
1) TGXFCN
2) TGXNGC
3) TXGNCG
4) TGXGCN
Correct Answer: TGXGCN
Candidate Answer: TGXGCN

Question 14. Which of the following interchange of signs would make the equation correct?

निम्नलिखित में से किन चिह्नों को आपस में बदलने से समीकरण सही हो जाएगा?

\[5 + 3 \times 8 - 12 \div 4 = 3\]

Options:
1) - and ÷
2) + and x
3) + and ÷
4) + and -
Correct Answer: - and ÷
Candidate Answer: - and ÷

Question 15. Select the correct combination of mathematical signs to replace * signs and to balance the equation.

संख्याओं को संतुलित करने के लिए * के संयोजन से परिवर्तित किया जाएगा।

\[48 \times 4 \times 6 \times 3 \times 30\]

Options:
1) ÷, +, =, x
2) ÷, =, x, +
3) ÷, +, x =
4) ÷, =, x, +
Correct Answer: ÷, +, x =
Candidate Answer: ÷, +, x =

Question 16. Find the missing number from the alternatives

दिए गए विकल्प में से कौन सा नंबर बाकी है?

\[\begin{array}{ccc}
20 & 9 & 121 \\
24 & 11 & 169 \\
82 & 17 & ?
\end{array}\]

Options:
1) 125
2) 175
3) 225
4) 250
Correct Answer: 225
Candidate Answer: 225

Question 17. Starting from a point, a person travels 3 km towards east and turns left and travels 4 km. Then again he turns to left by 45° and moves straight. Which direction is he facing now?

किसी व्यक्ति ने चार्ट कर एक आदर्श 3 कि.मी. पूर्व की ओर चला और फिर 4 कि.मी. चला। फिर वह बाएँ 45° से 45° दिशा बदलता है। अब उसका मुंह किस दिशा की ओर है?

किसी स्थान से चलना शुरू कर एक आदर्श 3 कि.मी. पूर्व की ओर जाता है और फिर 4 कि.मी. जाता है। फिर वह बाएँ 45° से 45° दिशा बदलता है। अब उसका मुंह किस दिशा की ओर है?
Options:
1) North-East
उत्तर-पूर्व
2) North-West
उत्तर-पश्चिम
3) South-East
dिक्षिण-पूर्व
4) South-West
dिक्षिण-पश्चिम

Correct Answer: North-West
उत्तर-पश्चिम

Candidate Answer: North-West
उत्तर-पश्चिम

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: If he works hard he will be successful in life.

Conclusions: I. He is a hard worker.
Conclusions: II. Hard work pays

Options:
1) Both I and II follow
dोनों I और II निष्कर्ष सहित हैं
2) Only I follows
cेव्हर निष्कर्ष I सहित है
3) Only II follows
cेव्हर निष्कर्ष II सहित है
4) Neither I nor II follow
उसे निष्कर्ष 1 सहित नहीं और II सहित नहीं

Correct Answer: Only II follows
cेव्हर निष्कर्ष II सहित है

Candidate Answer: Only II follows
cेव्हर निष्कर्ष II सहित है

Question 19. How many rectangles can you see in the figure?

Options:
1) 9
dोनों I और II निष्कर्ष सहित हैं
2) 8
cेव्हर निष्कर्ष I सहित है
3) 10
cेव्हर निष्कर्ष II सहित है
4) 7
cेव्हर निष्कर्ष II सहित है

Correct Answer: 9
cेव्हर निष्कर्ष II सहित है

Candidate Answer: 7
cेव्हर निष्कर्ष II सहित है

Question 20. Identify the diagram that best represents the relationship among classes given below

Tennis fans, Cricket players, Students

Options:
1) 9
dोनों I और II निष्कर्ष सहित हैं
2) 8
cेव्हर निष्कर्ष I सहित है
3) 10
cेव्हर निष्कर्ष II सहित है
4) 7
cेव्हर निष्कर्ष II सहित है

Correct Answer: 9
cेव्हर निष्कर्ष II सहित है

Candidate Answer: 7
cेव्हर निष्कर्ष II सहित है
Question 21. Which answer figure will complete the pattern in the question figure?

कौन-सी उत्तर आकृति प्रश्न आकृति के प्रतिस्पर्ध को पूरा करेगी?
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: 

दी गई उत्तर आकृतियों में से उस आकृति को पुनर्लिख जिसमें प्रश्न आकृति मिली है।
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.

Correct Answer:

Candidate Answer:
Options:
1)

2)

3)

4)

Correct Answer:

Candidate 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 कौनसी आकृति प्रश्न आकृति का सही प्रतिक्रिया होगी?

Options:

1) 

2) 

3) 

4) 

Correct Answer:

Candidate Answer:
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 02, 31, etc., and K can be represented by 33, 78, etc.

Similarly you have to identify the set for the word 'REST'.

<table>
<thead>
<tr>
<th>Matrix I</th>
<th>Matrix II</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 T R A F E</td>
<td>5 E S A F R</td>
</tr>
<tr>
<td>1 O C M P O</td>
<td>6 A R O S C</td>
</tr>
<tr>
<td>2 E S R T A</td>
<td>7 T O E P S</td>
</tr>
<tr>
<td>3 M A N P C</td>
<td>8 S M T A N</td>
</tr>
<tr>
<td>4 E T F N R</td>
<td>9 R C T F E</td>
</tr>
</tbody>
</table>

Options:
1) 22, 20, 79, 99
2) 66, 77, 68, 23
3) 44, 77, 24, 87
4) 22, 77, 79, 76
Correct Answer: 66, 77, 68, 23
Candidate Answer: [ NOT ANSWERED ]

Question 26. In a Parliamentary form of Government _________

संसदीय स्वरूप की सरकार में _________

Options:
1) The Legislature is responsible to the Judiciary
2) The Executive is responsible to the Legislature.
3) The Legislature is responsible to the Executive
4) The Judiciary is responsible to the Legislature
Correct Answer: The Executive is responsible to the Legislature.
Candidate Answer: [ NOT ANSWERED ]

Question 27. Which of the following statements is correct about the President of India?

भारत के राष्ट्रपति के सम्बन्ध में निम्नलिखित में से कौन-सा कथन सही है?

Options:
1) Addresses first session of Parliament after each General Election.
2) Addresses the first session of Parliament at the beginning of each year.
3) Addresses every session of Parliament.
4) Never addresses Parliament.
Correct Answer: Addresses first session of Parliament after each General Election.
Candidate Answer: [ NOT ANSWERED ]

Question 28. Which of the following periodicals is not correctly matched with its editor?

निम्नलिखित में से कौन-सा पत्रिका बाहर उसके संपादक से सही मिलना नहीं हुआ है?

Options:
1) Addresses first session of Parliament after each General Election.
2) Addresses the first session of Parliament at the beginning of each year.
3) Addresses every session of Parliament.
4) Never addresses Parliament.
Correct Answer: Addresses first session of Parliament after each General Election.
Candidate Answer: [ NOT ANSWERED ]
Question 29. Silk worms feed on

Options:
1) Basil leaves
2) Curry leaves
3) Rose leaves
4) Mulberry leaves

Correct Answer: Mulberry leaves

Question 30. Who among the following has been appointed the new Coach of the Indian Cricket team by the BCCI recently?

Options:
1) Saurav Ganguly
2) Anil Kumble
3) Rahul Dravid
4) S. R. Kulkarni

Correct Answer: Anil Kumble

Question 31. What is the product formed when sodium bicarbonate is heated strongly?

Options:
1) Sodium Carbonate
2) Sodium Hydroxide
3) Sodium Peroxide
4) Sodium Monoxide

Correct Answer: Sodium Carbonate
1) Systematic immunization of children against disease
2) Providing insurance cover to farmers against crop failure
3) Development of fisheries in rural areas
4) Development of multiple cropping in hilly region

Correct Answer: Systematic immunization of children against disease

Question 33. Who among the following Indians has been honoured by a special Oscar?

Options:
1) Mahesh Bhatt
2) Satyajit Ray
3) Mira Nair
4) G.P.Sippy

Correct Answer: Satyajit Ray

Question 34. What situation would result if Government expenditure exceeds the Government revenue on Current Account?

Options:
1) Deficit budgeting
2) Zero-based budgeting
3) Performance-based budgeting
4) Surplus budgeting

Correct Answer: Deficit budgeting

Question 35. Disguised unemployment in India is mainly related to

Options:
1) Agricultural sector
2) Rural Area
3) Factory sector
4) Urban Area

Correct Answer: Agricultural sector

Question 36. Which of the following is not guaranteed by Indian Constitution?

Options:
1) Right to Education
2) Right to Freedom
3) Right to Privacy
4) Right to Freedom of Speech

Correct Answer: Right to Education
Correct Answer: Right to free education for all

Options:
1) Right to Equality
2) Right of religious freedom
3) Right to Constitutional remedies
4) Right to free education for all

Correct Answer: Bay

Options:
1) Jhelum river
2) Chenab river
3) Beas river
4) Sutlej river

Correct Answer: Antheridium and Ascogonium

Options:
1) Spermatium and Oogonium
2) Antheridium and Oogonium
3) Spermatium and Ascogonium
4) Antheridium and Ascogonium

Correct Answer: [ NOT ANSWERED ]

Question 40.Stars twinkle but planets do not twinkle because
Options:
1) they emit light of a constant intensity
2) their distance from the earth does not change with time
3) they are very far away from the earth resulting in decrease in intensity of light
4) they are nearer to the earth and hence we receive a greater amount of light and therefore minor variations in intensity are not noticeable

Correct Answer: they are nearer to the earth and hence we receive a greater amount of light and therefore minor variations in intensity are not noticeable

Candidate Answer: they emit light of a constant intensity

Question 41. Which of the following is not true about X-rays?

Options:
1) have low penetrating power
2) travel with the speed of light
3) can be reflected or refracted
4) can affect photographic plates

Correct Answer: have low penetrating power

Candidate Answer: have low penetrating power

Question 42. _____ changes each time it is installed to avoid detection by antivirus software.

Options:
1) Polymorphic virus
2) worm
3) logic bomb
4) trojan horse

Correct Answer: Polymorphic virus

Candidate Answer: [ NOT ANSWERED ]

Question 43. Which one of the following weeds is effective in controlling water pollution caused by industrial effluents?

Options:
1) Parthenium
2) Elephant grass
3) Water hycinth
4) Mogar grass

Correct Answer: Parthenium

Candidate Answer: Water hycinth

Question 44. One of the following is also called as World Bank

Options:
1) Parthenium
2) Elephant grass
3) Water hycinth
4) Mogar grass

Correct Answer: Parthenium
Options:
1) IMF
अंतरराष्ट्रीय मुद्रा कोष
2) IBRD
अंतरराष्ट्रीय वृद्धि संस्था एवं विकास बैंक
3) WTO
विश्व व्यापार संगठन
4) IDA
अंतरराष्ट्रीय विकास संस्था

Correct Answer: IBRD
अंतरराष्ट्रीय वृद्धि संस्था एवं विकास बैंक

Candidate Answer: IBRD
अंतरराष्ट्रीय वृद्धि संस्था एवं विकास बैंक

Question 45. The book entitled, 'Playing it my way' has been authored by
“प्लेइंग इट मे मे” के लेखक का नाम बताएं

Options:
1) Sachin Tendulkar
सचिन तेंदुलकर
2) V V S Laxman
वी, वी, एस, लक्ष्मण
3) Saurav Ganguly
सौरव गंगुली
4) Chetan Chauhan
चेतन चौहान

Correct Answer: Sachin Tendulkar
सचिन तेंदुलकर

Candidate Answer: Sachin Tendulkar
सचिन तेंदुलकर

Question 46. Which of the following is an example of Cartel?
निम्नलिखित में से कौन सा उपाधक संघ (कार्टेल) का उदाहरण है?

Options:
1) OPEC
पेट्रोलियम नियंत्रक देशों का संगठन (ओपेक)
2) IMF
अंतरराष्ट्रीय मुद्रा कोष
3) WTO
विश्व व्यापार संगठन
4) UNO
संयुक्त राष्ट्र संघ

Correct Answer: OPEC
पेट्रोलियम नियंत्रक देशों का संगठन (ओपेक)

Candidate Answer: OPEC
पेट्रोलियम नियंत्रक देशों का संगठन (ओपेक)

Question 47. Sullage water is_______
अपशिष्ट (सलेज) जल __________

Options:
1) Waste water released from kitchen
रसोई से निकलते वाला अपशिष्ट जल है
2) waste water released from toilets
शौचघर से निकलते वाला अपशिष्ट जल है
3) waste water released from factories
कारखानों से निकलते वाला अपशिष्ट जल है
4) waste water released from hospitals
अस्पतालों से निकलते वाला अपशिष्ट जल है

Correct Answer: Waste water released from kitchen
रसोई से निकलते वाला अपशिष्ट जल है

Candidate Answer: waste water released from factories
कारखानों से निकलते वाला अपशिष्ट जल है

Question 48. Who was the first woman Chief Minister of Uttar Pradesh?
उत्तर प्रदेश की प्रथम महिला मुख्य मंत्री कौन थी?
Question 49. The most pure form of carbon among the options is

Options:
1) Anthracite
2) Lampblack
3) Graphite
4) Wood Charcoal

Correct Answer: Anthracite

Candidate Answer: Anthracite

Question 50. Chalukya temples (Jain temples) at Dilwara are situated in

Options:
1) Madhya Pradesh
2) Uttar Pradesh
3) Rajasthan
4) Haryana

Correct Answer: Rajasthan

Candidate Answer: Rajasthan

Question 51. The difference between the greatest and least five-digit numbers formed by the digits 2, 5, 0, 6, 8 is (repetition of digits are not allowed)

Options:
1) 69552
2) 65925
3) 65952
4) 63952

Correct Answer: 65952

Candidate Answer: 65952

Question 52. The price of a shirt after 15% discount, is Rs.119. What was the marked price of the shirt before discount

Options:
1) Rs.129
2) Rs.140
3) Rs.150
4) Rs.160

Correct Answer: Rs.140
Question 53.

\[ \frac{a}{q-r} + \frac{b}{r-p} - \frac{c}{p-q} \], find the value of \(pa + qp + rc\) is

\[ \text{यदि} \frac{a}{q-r} = \frac{b}{r-p} = \frac{c}{p-q}, \text{तो} \ pa + qp + rc \text{ का मान क्या होगा?} \]

Options:
1) 0
2) 1
3) 2
4) -1

Correct Answer: 0
Candidate Answer: [ NOT ANSWERED ]

Question 54. The average of a, b, c is 20 and that of b, c, d is 25; if \(d = 30\), then the value of \(a\) is

\(a, b, c\) का औसत 20 है और \(b, c, d\) का औसत 25 है। \(b, c, d\) का औसत में \(d = 30\), तो \(a\) का मान क्या है?

Options:
1) 25
2) 45
3) 30
4) 15

Correct Answer: 15
Candidate Answer: 15

Question 55. A store sells a watch for a profit of 25% of the cost. Then the percentage of profit against selling price is

एक शॉप में एक घड़ी 25% लागत से बेची जाती है। बेची गई घड़ी पर लाभ का प्रतिशत कमाया गया?

Options:
1) 22%
2) 20%
3) 18%
4) 15%

Correct Answer: 20%
Candidate Answer: 20%

Question 56. If \(A\) is equal to 20% of \(B\) and \(B\) is equal to 25% of \(C\); then what percent of \(C\) is equal to \(A\)?

यदि \(A\) \(B\) के 20% का बराबर है और \(B\) \(C\) के 25% का बराबर है, तो \(C\) का मान क्या है?

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

Correct Answer: 5
Candidate Answer: 5

Question 57. A gun is fired at a distance of 1.7 km from Ram and he hears the sound after 25 seconds. The speed of sound in meter per second is

राम से 1.7 किमी दूर एक बांदा चलाया गया और उसका शब्द 25 सेकंड बाद सुना गया। शब्द का गति कितना मीटर प्रति सेकंड है?

Options:
1) 60
2) 62
3) 64
4) 68

Correct Answer: 68
Candidate Answer: 68

Question 58. A sum of \(\square\) 3000 yields an interest of \(\square\) 1080 at 12% per annum simple interest in how many years?

\(\square\) 3000 की राशि पर 12% वार्षिक साधारण ब्याज पर \(\square\) 1080 का ब्याज कितने सालों में मिलेगा?
Question 59.

The simplest value of \( \frac{2 \sqrt{2} \cdot 2 \sqrt{7} + \sqrt{3} \sqrt{7}}{\sqrt{8 \sqrt{2} - 3 \sqrt{5} + 45}} \) is

Correct Answer: \( 3 \) Years
Candidate Answer: 3 Years

Question 60.

If \( \left( \frac{a + \frac{1}{a}}{a} \right)^2 = 3 \), the value of \( a^2 + \frac{1}{a^2} \) is

Correct Answer: \( \frac{2}{3} \)
Candidate Answer: [ NOT ANSWERED ]

Question 61.

If \( \frac{a^2 + b^2}{c^2} = \frac{b^2 + c^2}{a^2} = \frac{c^2 + a^2}{b^2} = \frac{1}{k} \) (where \( k \neq 0 \)) then \( k = \)

Correct Answer: 1
Candidate Answer: 1
Question 62. The area of the largest triangle that can be inscribed in a semicircle of radius 6m is

Options:
1) 36 m²
2) 72 m²
3) 18 m²
4) 12 m²
Correct Answer: 36 m²
Candidate Answer: 18 m²

Question 63.

The value of \( \frac{\sin \theta}{1+\cos \theta} + \frac{\sin \theta}{1-\cos \theta} \) is

Options:
1) 2\sin\theta
2) 2\cos\theta
3) 2\sec\theta
4) 2\cosec\theta
Correct Answer: 2\cosec\theta
Candidate Answer: 2\cosec\theta

Question 64. Twenty women can do a work in sixteen days. Sixteen men can complete the same work in fifteen days. The ratio between the capacity of a man and a woman is

Options:
1) 3:4
2) 4:3
3) 5:3
4) 5:7
Correct Answer: 4:3
Candidate Answer: 3:4

Question 65.

If \( 2x + \frac{2}{9x} = 4 \), then the value of \( 27x^3 + \frac{1}{27x^3} \) is

यदि \( 2x + \frac{2}{9x} = 4 \), तो \( 27x^3 + \frac{1}{27x^3} \) का मान क्या है?
Options:
1) 180
2) 198
3) 234
4) 252
Correct Answer: 198
Candidate Answer: [ NOT ANSWERED ]

Question 66: In a cyclic quadrilateral $ABCD \angle BCD=120^\circ$ and passes through the centre of the circle. Then $\angle ABD =$
एक छत्र चतुर्भुज $ABCD$ में $\angle BCD=120^\circ$ और $AB$ कृत्त के केन्द्र से होकर गुजरती है तो $\angle ABD =$
Options:
1) $30^\circ$
2) $40^\circ$
3) $50^\circ$
4) $60^\circ$
Correct Answer: $30^\circ$
Candidate Answer: $60^\circ$

Question 67: The midpoints of $AB$ and $AC$ of a triangle $ABC$ are $X$ and $Y$ respectively. If $BC+XY=12$ units, then $BC-XY$ is
एक त्रिभुज $ABC$ के $AB$ और $AC$ के मध्य बिंदु क्रमशः $X$ और $Y$ हैं। यदि $BC+XY=12$ यूनिट, तो $BC-XY$ का मान क्या होगा?
Options:
1) 10 units
2) 8 units
3) 6 units
4) 4 units
Correct Answer: 4 units
Candidate Answer: 4 units

Question 68: In an isosceles $\triangle ABC$, $AD$ is the median to the unequal side meeting $BC$ at $D$. $DP$ is the angle disector of $\angle ADB$ and $PQ$ is drawn parallel to $BC$ meeting $AC$ at $Q$. Then the measure of $\angle PDQ$ is
यदि एक समद्विबाहु $\triangle ABC$, $AD$ विभिन्न कोण के बिंदु से $BC$ के विभाजक है। $DP$, $\angle ADB$ का कोण-दिलीपक है और $PQ$, $AC$ के $Q$ पर समांतर खींची जाती है तो $\angle PDQ$ का माप क्या होगा?
Options:
1) $130^\circ$
2) $90^\circ$
3) $180^\circ$
4) $45^\circ$
Correct Answer: $90^\circ$
Candidate Answer: [ NOT ANSWERED ]

Question 69: 129 meter from the foot of a cliff on level of ground, the angle of elevation of the top of a cliff is $30^\circ$. The height of this cliff is
$129$ मीटर के तहत पर खड़ी चहल के पाद से $129$ मीटर पर खड़ी चहल के शीर्ष का उंचाई कोण $30^\circ$ है, तो उस चहल की ऊंचाई क्या है?
Options:
1) $50\sqrt{3}$ metre
2) $45\sqrt{3}$ metre
3) $43\sqrt{3}$ metre
4) $47\sqrt{3}$ metre
Correct Answer: $43\sqrt{3}$ metre
Candidate Answer: $43\sqrt{3}$ metre
Question 70. The volume of metallic cylindrical pipe of uniform thickness is 748 c.c. Its length is 14 cm and its external radius is 9 cm. The thickness of the pipe is

Options:
1) 0.5 cm
2) 1.5 cm
3) 1 cm
4) 2 cm

Correct Answer: 1 cm

Question 71.

If \( \tan \theta = \frac{\theta}{15} \), the value of \( \frac{\sqrt{1 - \sin \theta}}{\sqrt{1 + \sin \theta}} \) is

Options:
1) \( \frac{1}{5} \)
2) \( \frac{2}{5} \)
3) \( \frac{3}{5} \)
4) 0

Correct Answer: \( \frac{3}{5} \)

Question 72. The bar graph shows the production of table fans in a factory during one week. Study the bar graph and answer the question.

The maximum production exceeds the minimum production by:

Options:
1) 400
2) 420
3) 500
4) 540

Correct Answer: 420

Candidate Answer: 420
The bar graph shows the production of table fans in a factory during one week. Study the bar graph and answer the question.

The average production of table fan in that week is

**Options:**
1) 370
2) 280
3) 300
4) 250

**Correct Answer:** 300
**Candidate Answer:** 250

Question 74.

The bar graph shows the production of table fans in a factory during one week. Study the bar graph and answer the question.

**Ratio of the total production of table fans in the factory from Monday to Wednesday to that from Thursday to Saturday is**

**Options:**
1) 19:26
2) 26:19
3) 29:16
4) 16:29

**Correct Answer:** 29:16
**Candidate Answer:** 29:16
Question 75. The bar graph shows the production of table fans in a factory during one week. Study the bar graph and answer the question.

The average production of table fans on Monday & Tuesdays exceeds the average production of table fans during the week by

Options:
1) 150 fans
2) 100 fans
3) 140 fans
4) 200 fans

Correct Answer: 100 fans

Candidate Answer: 150 fans

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.

DECIMATED

Options:
1) CAPTURED
2) DESTROYED
3) DAMAGED
4) WORRIED

Correct Answer: DESTROYED

Candidate Answer: [ NOT ANSWERED ]

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.

INVINCIBLE

Options:
1) IMPREGNABLE
2) OMNIPRESENT
3) POWERLESS
4) POTENT

Correct Answer: POWERLESS

Candidate Answer: POWERLESS

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) Diarrhoea
2) Diarhea
3) Diarrhea
4) Diarrohea

Correct Answer: Diarrhoea

Candidate Answer: Diarhea

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.

It took her a long time(A) to get off (B) the death of her husband. (C) No Error(D)
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.

It is best(A) to be silent(B) than to speak in anger.(C)/No Error(D)

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

Correct Answer: A
Candidate Answer: B

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.

His father is disgusted(A) against him for his(B)/addiction to drink.(C)/No Error(D)

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

Correct Answer: B
Candidate Answer: A

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.

The aim of a Peace Council is _______ rather than cure.

Options:
1) salvation
2) preservation
3) maintenance
4) cultivation

Correct Answer: preservation
Candidate Answer: preservation

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.

He gives everyone _______ the class opportunities for practice.

Options:
1) at
2) in
3) of
4) on

Correct Answer: in
Candidate Answer: in

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.

Harish soon gained _______ in English.

Options:
1) provincialism
2) proficiency
3) efficiency
4) eminency

Correct Answer: proficiency
Candidate Answer: proficiency

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.

Beggar description

Options:
1) Cannot be described
2) Something described by a beggar
3) A poor account of something
4) A description of a beggar

Correct Answer: Cannot be described
Candidate Answer: Cannot be described
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.

Drag one's feet

Options:
1) Make something more complicated
2) Expedite
3) Be reluctant to act
4) Stop working

Correct Answer: Be reluctant to act
Candidate Answer: Make something more complicated

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.

Hope against hope

Options:
1) Think wishfully from time to time
2) Hoped with good reason
3) Nurture an impossible hope
4) Pretend to hope

Correct Answer: Nurture an impossible hope
Candidate Answer: Hoped with good reason

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.

Lack of skill

Options:
1) Inertness
2) Insistence
3) Ineptness
4) Insolence

Correct Answer: Ineptness
Candidate Answer: Ineptness

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.

Stick with a thick end used in a mortar for pounding

Options:
1) Thistle
2) Stifle
3) Sceptre
4) Pestle

Correct Answer: Pestle
Candidate Answer: [ NOT ANSWERED ]

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.

An act when people vote in order to make a decision about a particular subject or policy rather than voting for a person

Options:
1) Election
2) Exit-poll
3) By-election
4) Referendum

Correct Answer: Referendum
Candidate Answer: Referendum

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”.

Jane had told me that she hasn't done her homework.

Options:
1) told
2) tells
3) was telling
4) no improvement

Correct Answer: tells
Candidate Answer: told

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”.

This survey is concerning your health as well as that of your family.

Options:
1) concerns with
2) is concerned with
3) concerns to
4) no improvement

Correct Answer: is concerned with
Candidate Answer: is concerned with
Correct Answer: is concerned with
Candidate Answer: concerns to

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".

A city that is set on a hill cannot be hidden.

Options: 
1) be hid 
2) hide 
3) be hiding 
4) no improvement

Correct Answer: no improvement
Candidate Answer: no improvement

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".

A black and white goat were grazing.

Options: 
1) The white and the black goat 
2) A black and a white goat 
3) A black and a white goat 
4) no improvement

Correct Answer: A black and a white goat
Candidate Answer: The white and the black goat

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".

I had took the papers to John's office.

Options: 
1) will took the papers 
2) taken the papers 
3) took the papers 
4) no improvement

Correct Answer: took the papers
Candidate Answer: took the papers

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.

"Tryst with Destiny" was a speech delivered by Jawaharlal Nehru, the first Prime Minister of independent India, to the Indian Constituent Assembly in Parliament, on 14th August 1947. It is considered to be one of the greatest speeches of all times and to be a landmark oration that captures the essence of the triumphant culmination of the largely non-violent Indian independence struggle against the British Empire in India.

"Long years ago we made a tryst with destiny, and now the time comes when we shall redeem our pledge, not wholly or in full measure, but very substantially. Freedom and power bring responsibility. The responsibility rests upon the assembly, a sovereign body representing the sovereign people of India. The service of India means the service of the millions who suffer. It means the ending of poverty and ignorance and disease and inequality of opportunity. We cannot encourage communalism or narrow-mindedness, for no nation can be great whose people are narrow in thought or in action.

To the people of India, whose representatives we are, this is no time for petty and destructive criticism, no time for ill will or blaming others. We have to build the noble mansion of free India where all her children may dwell".

To whom did Nehru deliver this famous speech?

Options: 
1) Nehru delivered this speech to a massive Indian crowd in attendance. 
2) Nehru delivered this speech to the members of the Constituent Assembly. 
3) Nehru delivered this speech to the members of the Lok Sabha. 
4) Nehru delivered this speech to the members of the Rajya Sabha.

Correct Answer: Nehru delivered this speech to the members of the Constituent Assembly.
Candidate Answer: Nehru delivered this speech to the members of the Constituent Assembly.

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.

"Tryst with Destiny" was a speech delivered by Jawaharlal Nehru, the first Prime Minister of independent India, to the Indian Constituent Assembly in Parliament, on 14th August 1947. It is considered to be one of the greatest speeches of all times and to be a landmark oration that captures the essence of the triumphant culmination of the largely non-violent Indian independence struggle against the British Empire in India.

"Long years ago we made a tryst with destiny, and now the time comes when we shall redeem our pledge, not wholly or in full measure, but very substantially. Freedom and power bring responsibility. The responsibility rests upon the assembly, a sovereign body representing the sovereign people of India. The service of India means the service of the millions who suffer. It means the ending of poverty and ignorance and disease and inequality of opportunity. We cannot encourage communalism or narrow-mindedness, for no nation can be great whose people are narrow in thought or in action.

To the people of India, whose representatives we are, this is no time for petty and destructive criticism, no time for ill will or blaming others. We have to build the noble mansion of free India where all her children may dwell".

Choose the answer which captures Nehru's belief.
"Tryst with Destiny" was a speech delivered by Jawaharlal Nehru, the first Prime Minister of independent India, to the Indian Constituent Assembly in Parliament, on 14th August 1947. It is considered to be one of the greatest speeches of all times and to be a landmark oration that captures the essence of the triumphant culmination of the largely non-violent Indian independence struggle against the British Empire in India.

"Long years ago we made a tryst with destiny, and now the time comes when we shall redeem our pledge, not wholly or in full measure, but very substantially. Freedom and power bring responsibility. The responsibility rests upon the assembly, a sovereign body representing the sovereign people of India. The service of India means the service of the millions who suffer. It means the ending of poverty and ignorance and disease and inequality of opportunity. We cannot encourage communalism or narrow-mindedness, for no nation can be great whose people are narrow in thought or in action.

To the people of India, whose representatives we are, this is no time for petty and destructive criticism, no time for ill will or blaming others. We have to build the noble mansion of free India where all her children may dwell".

The most dominant voice in the speech is

**Options:**
1) the voice of optimism
2) the voice of surrender
3) the voice of negligence
4) the voice of weakness

**Correct Answer:** the voice of optimism

**Candidate Answer:** the voice of optimism

Nehru believed that Communalism would not be a problem.

**Options:**
1) Nehru believed that Communalism would be a problem.
2) Nehru believed that Communalism would be a positive force.
3) Nehru believed that Communalism would be dangerous for India.
4) Nehru believed that Communalism would make any nation great.

**Correct Answer:** Nehru believed that Communalism would be dangerous for India.

**Candidate Answer:** Nehru believed that Communalism would be dangerous for India.

What mansion did Nehru want to see built?

**Options:**
1) Nehru believed that the expensive mansion of India should be built.
2) Nehru believed that the honorable mansion of India should be built.
3) Nehru believed that the simple mansion of India should be built.
4) Nehru believed that the huge mansion of India should be built.

**Correct Answer:** Nehru believed that the honorable mansion of India should be built.

**Candidate Answer:** Nehru believed that the honorable mansion of India should be built.