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

दिए गए विकल्पों में से संबंधित शब्द/अक्षरों/संख्या को चुनें।

Bacteria: Microscope :: Moon: ?

Options:
1) Night
2) Earth
3) Satellite
4) Telescope

Correct Answer: Telescope
Candidate Answer: Telescope

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

दिए गए विकल्पों में से संबंधित शब्द/अक्षरों/संख्या को चुनें।

LNPR : TVXZ : NPRT : ?

Options:
1) FHJL
2) FLJH
3) HFLJ
4) JLHF

Correct Answer: FHJL
Candidate Answer: FHJL

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

दिए गए विकल्पों में से संबंधित शब्द/अक्षरों/संख्या को चुनें।

27 : 125 : 64 : ?

Options:
1) 517
2) 162
3) 216
4) 273

Correct Answer: 216
Candidate Answer: 216
Question 4.

For the following questions
Find the odd word/letters/number pair from the given alternatives.
इस प्रश्न में दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या चुनिए?

Options:
1) Novel उपयास
2) Paper कागज़
3) Pencil पेसल
4) Pen कलम

Correct Answer: Novel उपयास
Candidate Answer: Novel उपयास

Question 5.

For the following questions
Find the odd word/letters/number pair from the given alternatives.
इस प्रश्न में दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या चुनिए?

Options:
1) acDD
2) egHH
3) ikLL
4) QSTt

Correct Answer: QSTt
Candidate Answer: QSTt

Question 6.

For the following questions
Find the odd word/letters/number pair from the given alternatives.
इस प्रश्न में दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या चुनिए?

Options:
1) 65 - 90
2) 73 - 97
3) 112 - 137
4) 162 - 187

Correct Answer: 73 - 97
Candidate Answer: 73 - 97

Question 7. Arrange the following words as per order in the dictionary
निम्नलिखित शब्दों को शब्दकोश में दिए गए प्रश्न के अनुसार लिखिए?

Options:
1) a, c, e, b, d
2) b, e, a, d, c
3) b, c, e, a, d
4) e, c, b, a, d

Correct Answer: e, c, b, a, d
Question 8. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

अक्षरों का कोने सा समूह खाली स्थानों पर क्रमवार रखने से दी गई अक्षर श्रृंखला को पूरा करता है?

\[ \text{xy}_k \text{xz}_k \text{yzk} \text{xyz} \_ \_ \]

**Options:**
1) zyxkx
2) zykxz
3) zkxyk
4) zxykx

**Correct Answer:** zyxkx

**Candidate Answer:** zyxkx

Question 9. Find the missing number in the series:

दी गई श्रृंखला में लुप्त संख्या ज्ञात कीजिए?

219, 211, 204, 198, ?, 189

**Options:**
1) 189
2) 192
3) 193
4) 196

**Correct Answer:** 193

**Candidate Answer:** 193
Question 10. If M is the sister of Z, Z is the wife of P and P is the son of A, how Z relates to A?

अगर M, Z की बहन है और Z, P की पत्नी है। P, A का बेटा है, तो Z का A से क्या सम्बन्ध है?

Options:
1) Daughter-in-law
पुत्र वधु
2) Daughter
पुत्री
3) Wife
पत्नी
4) Mother
 माता

Correct Answer: Daughter-in-law
पुत्र वधु

Candidate Answer: Daughter-in-law
पुत्र वधु

Question 11. The sum of ages of 4 children born at intervals of 4 years each is 60. What is the age of the youngest child?

4 बच्चों की आयु का योग 60 वर्ष है और उनके जन्म में 4 - 4 वर्ष का अन्तर है। सबसे छोटे बच्चे की आयु बताइए?
Question 12. From the given alternative words, select the word which cannot 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 नहीं बनाया जो सकता :

ENVIROMENT

Options:
1) OINTMENT
2) MENTOR
3) VENOM
4) TRIM

Correct Answer: OINTMENT
Candidate Answer: OINTMENT
Question 13. In a certain code CAMEL is written as MFNBD. How shall TIGER be written in that code?

अगर CAMEL को MFNBD लिखा जा सकता है तो TIGER को उस कोड में कैसे लिखा जायेगा?

Options:
1) SFUJH
2) SFHJU
3) SFJUH
4) SHFJU
Correct Answer: SFHJU
Candidate Answer: SFHJU

Question 14. If x stands for -, + means x, ÷ means + and - means ÷, then what is the value of the given expression?

यदि x का अर्थ - , + का अर्थ x , ÷ का अर्थ + और - का अर्थ ÷ हो तो 175 - 25 ÷ 5 + 2 x 3 + 10 = ?
Question 15. If 4 * 2 = 3
and 8 * 4 = 3,
then 21 * 7 = ?

Correct Answer: 77
Candidate Answer: [ NOT ANSWERED ]
Question 16. Select the missing numbers from the given alternatives

दिये गये विकल्पों में से लुप्त संख्या चुनिए।

<p>| | | |</p>
<table>
<thead>
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<td>17</td>
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<td>19</td>
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<tr>
<td>12</td>
<td>13</td>
<td>16</td>
</tr>
<tr>
<td>25</td>
<td>4</td>
<td>?</td>
</tr>
</tbody>
</table>

Options:
1) 9
2) 16
3) 25
4) 36

Correct Answer: 9
Candidate Answer: 9

Question 17. A man walks 5 kilometre towards South and then turns to the right. After walking 3 kilometre, he turns to the left and walks 5 kilometre. Now in which direction is he from the starting point?

एक आदमी 5 किलोमीटर दक्षिण की ओर जाता है। फिर दाहिने घूमकर 3 किलोमीटर चलता है। वह बायें घूमकर 5 किलोमीटर चलता है। अब वह प्रारंभिक बिंदु से किस दिशा में है?
Options:
1) West
पश्चिम
2) South
दक्षिण
3) North-East
उत्तर-पूर्व
4) South-West
दक्षिण-पश्चिम

Correct Answer: South-West
दक्षिण-पश्चिम

Candidate Answer: South-West
दक्षिण-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.
Statements: Life means stresses and strains. Stresses and strains have an adverse effect on life.
Conclusions: I. Life is not worth living. II. One should avoid stresses and strains in life.

Options:
1) Only conclusion I follows
2) Only conclusion II follows
3) Both conclusion I and conclusion II follow
4) Neither conclusion I nor conclusion II follows
Correct Answer: Only conclusion II follows केवल II निष्कर्ष सही है।
Candidate Answer: Only conclusion II follows केवल II निष्कर्ष सही है।

Question 19. How many triangles are there in this geometric figure?

चित्र में कितने त्रिभुज हैं?

Options:
1) 12
2) 16
3) 18
4) 20
Correct Answer: 18
Candidate Answer: 20
Question 20. Which of the answer figures best indicates the relationship between: Doctors, Nurses, Hospital

कौन सा चित्र निम्नलिखित सम्बन्ध को सही दर्शाता है?
डॉक्टर, नर्स, अस्पताल

Options:
1) 

2) 

3) 

4)
Question 21. Which answer figure will complete the pattern in the question figure?

इस प्रश्न में कौन सी उत्तर आकृति प्रश्न आकृति के प्रतिरूप को पूरा करती है?
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 उसे चुनिए जिसमें प्रश्न आकृति निहित है।

Options:
1) 

2) 

3) 

4)
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 दर्शाये चित्र के 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?

इस प्रश्न में यदि एक दर्पण को MN रेखा पर रखा जाये तो दी गई उत्तर आकृतियों में से कौन-सी आकर्ति प्रश्न आकृति का सही प्रतिबिंब 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., 'G' can be represented by 01 and 'P' can be represented by 10, 44, etc. Similarly you have to identify the set for the word 'BARK'

निम्नलिखित प्रश्न में विकल्पों में दिए गए संख्या-समूह, अक्षरों के दो वर्गों द्वारा दर्शाए गए हैं, जैसे कि नीचे दिए गए दो आव्यूहों में हैं। आव्यूह I के स्तम्भ और पंक्ति की संख्या 0 से 4 तक दी गई है, और आव्यूह II के 5 से 9 तक, इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए, G को 01 आदि द्वारा दर्शाया जा सकता है तथा P को 10, 44, आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको दिए शब्द 'BARK' के लिए समूह को पहचानना है।
Question 26. What is the maximum number of days of employment a rural poor would get under 'MGNREGA'?

मनरेगा (MGNREGA) के अंतर्गत किसी ग्रामीण निर्धन व्यक्ति को अधिकतम कितने दिन तक रोजगार मिल सकता है?

Options:
1) 180 days
2) 120 days
3) 100 days
4) 90 days

Correct Answer: 100 days
Question 27. Scheduled bank is a bank which is ....

अनुसूचित बैंक एक ऐसा बैंक है जो ..... 

**Options:**

1) Nationalised
राष्ट्रीयकृत हो

2) Not Nationalised
राष्ट्रीयकृत न हो

3) Based in foreign Country
दूसरे देश में स्थापित हो

4) Included in the second schedule of RBI
भारतीय रिजर्व बैंक की दूसरी अनुसूची में शामिल हों

**Correct Answer:** Included in the second schedule of RBI
भारतीय रिजर्व बैंक की दूसरी अनुसूची में शामिल हों

**Candidate Answer:** [ NOT ANSWERED ]

Question 28. Black soil is also known by which of the following name?

काली मिट्टी' और किस नाम से जानी जाती है?
Question 29. What is the name of the book written by Panini?

Options:
1) Mahabhashya
राज्यविद्या
2) Mitakshara
मिताक्षर
3) Madhyamika Karika
मध्यमिकाकारिका
4) Ashtadhyayi
अष्टाध्यायी
Question 30. Which dynasty was started by Khizr Khan?

खिज़र खां ने कौन-से राजवंश का प्रारंभ किया था?

Options:
1) The Sayyids सैयद
2) The Lodhis लोधी
3) The Rajputs राजपूत
4) The Khiljis खिलजी

Correct Answer: The Sayyids सैयद

Candidate Answer: The Sayyids सैयद

Question 31. The instrument used for measuring air pressure is called .....
Question 32. Gustation refers to the sense of which of the following?

स्वादन' से आशय निम्नलिखित में से किस से है ?
Question 33. Intensity of any wave is proportional to which of the following?

किसी तरंग की प्रबलता उसके, निम्नलिखित में से किसके अनुपात में होती है?
Question 34. In the following list of devices which device is used in network layer?

यंत्रों को निम्नलिखित सूची में से नेटवर्क लेयर के लिए कौन-सा यन्त्र प्रयुक्त होता है?
Question 35. NTPC is a Central Public Sector Enterprise in which sector?

एन.टी.पी.सी. एक केन्द्रीय लोक क्षेत्र उद्यम है जो निम्नलिखित में से किस क्षेत्र से सम्बन्धित है?
Question 36. Which State government has launched the Smart Village Programme, to improve public facilities in village?

किस राज्य सरकार ने ग्रामों में सार्वजनिक सुविधाओं में सुधार लाने के उद्देश्य से 'स्मार्ट विलेज प्रोग्राम' का शुरू किया?
Question 37. Rodrigo "Digong" Duterte emerged winner in 2016 presidential elections of which country?

किस देश के राष्ट्रपति के 2016 के चुनाव में रोड्रिगो 'डिगांग' डयूटे में जीत हासिल की?
Options:
1) Mexico
2) The Philippines
3) Spain
4) Singapore

Correct Answer: The Philippines

Candidate Answer: Singapore

Question 38. What is commonly known as 'white plague'?

'श्वेत प्लेग' को आमतौर पर किस नाम से जाना जाता है?
Question 39. What are gilt-edged securities?

'श्रेष्ठ प्रतिभूतियां' क्या हैं?

Options:
1) Securities issued by the multinational companies.
बहुराष्ट्रीय कंपनियों द्वारा जारी प्रतिभूतियां
2) Securities issued by the Government
सरकार द्वारा जारी प्रतिभूतियां
3) Securities issued by the private sector
निजी क्षेत्र द्वारा जारी प्रतिभूतियां
4) Securities issued by the joint venture companies
संयुक्त-उद्यम कंपनियों द्वारा जारी प्रतिभूतियां
Correct Answer: Securities issued by the Government सरकार द्वारा जारी प्रतिभूतियां

Candidate Answer: Securities issued by the joint venture companies संयुक्त-उद्दाम कम्पनियों द्वारा जारी प्रतिभूतियां

Question 40. In whose consultation does the President convene and prorogue all sessions of Parliament?

राष्ट्रपति किसके परामश से संसद के सभी सत्र आयोजित और स्थगित करते हैं?

Options:
1) The Speaker अध्यक्ष
2) The Prime Minister प्रधान मन्त्री
3) The Prime Minister and the leader of the opposition in Lok Sabha प्रधानमन्त्री और लोकसभा में विरोधी पक्ष के नेता
4) The Council of Ministers मंत्री परिषद

Correct Answer: The Prime Minister प्रधान मन्त्री

Candidate Answer: The Speaker अध्यक्ष
Question 41. With which religion is Kaivalya associated?

'कैवल्य' कौन-से धर्म से सम्बन्धित है?

**Options:**
1) Buddhism
2) Jainism
3) Hinduism
4) Sikhism

**Correct Answer:** Jainism

**Candidate Answer:** Jainism

Question 42. Bauxite is used as raw material by which industry?

किस उद्योग द्वारा 'बॉक्साइड' कच्चे माल के तौर पर इस्तेमाल किया जाता है?

...
Question 43. The large collection of stars, dust and gas held together by gravitational attraction between components is known as

घटकों के बीच गुरूत्वाकर्षण द्वारा भारी माट्रा में एक साथ एकत्र हुए तारों, धूल और गैस को क्या कहते है ?
Question 44. Thermal electricity is generated by using which of these?

निम्नलिखित में से किसका प्रयोग करके ऊष्मीय विघुट पैदा की जाती है?

Options:
1) Coal only
2) Coal and Natural Gas only
3) Coal, Natural Gas and Petroleum
4) None of these
Correct Answer: Coal, Natural Gas and Petroleum
कोयला, प्राकृतिक गैस और पेट्रोलियम
Candidate Answer: Coal only
केवल कोयला

Question 45. When iron rusts, its weight ..... 
जब लोहे में जंग लग जाता है तो उसका वजन ..... 

Options:
1) decreases  
घट जाता है 
2) increases  
बढ जाता है 
3) remains the same  
वही रहता है 
4) first increases and then decreases  
पहले बढ़ता है और फिर घटता है 
Correct Answer: increases 
बढ जाता है 
Candidate Answer: increases 
बढ जाता है 

Question 46. The driest location on Earth is in which country?
पृथ्वी पर सबसे शुष्क स्थान कौन-से देश में है ?
Options:
1) Kenya 
केन्या 
2) Chile 
चिली 
3) Congo 
कांगो 
4) Libya 
लिबिया 

Correct Answer: Chile 
चिली 

Candidate Answer: Kenya 
केन्या 

Question 47. Which leader of British Labour Party was recently elected the first Muslim Mayor of London?

ब्रिटिश लेबर पार्टी के कौन से नेता को हाल ही में लंदन का प्रथम मुस्लिम मेयर चुना गया?
Correct Answer: Sadiq Khan
सादिक खान

Candidate Answer: Sadiq Khan
सादिक खान

Question 48. Lady Ratan Tata Trophy' is related to which game?
लेडी रतन टाटा ट्रॉफी' किस खेल से सम्बंधित है?
Options:
1) Basketball
बास्केटबॉल
2) Hockey
हॉकी
3) Kho-Kho
खो-खो
4) Cricket
क्रिकेट

Correct Answer: Hockey
हॉकी

Candidate Answer: [ NOT ANSWERED ]

Question 49. Which instrument is used for measuring humidity of atmosphere?

वायुमण्डल में आर्द्रता मापने के लिए प्रयुक्त यन्त्र को क्या कहते हैं?

Options:
1) Barometer
बैरोमीटर
2) Anemometer
एनीमोमीटर
3) Thermometer
थर्ममीटर
4) Hygrometer
हाइग्रोमीटर
Correct Answer: Hygrometer
हाइग्रोमीटर
Candidate Answer: Barometer
बैरोमीटर

Question 50. Pankaj Advani is associated with which sport?

पंकज आडवाणी का नाम किस खेल से जुड़ा है?

Options:
1) Billiards
बिलियर्ड्स
2) Boxing
बॉक्सिंग
3) Cricket
क्रिकेट
4) Badminton
बैडमिन्टन

Correct Answer: Billiards
बिलियर्ड्स
Candidate Answer: Billiards
बिलियर्ड्स
Question 51. Find the least number which must be subtracted from 18265 to make it a perfect square

वह न्यूनतम संख्या जो 18265 से घटाये जाने पर और उसे पूर्ण वर्ग बना दे।

Options:
1) 30
2) 38
3) 40
4) 45
Correct Answer: 40
Candidate Answer: 40

Question 52. A and B together can do a piece of work in 36 days, B and C together can do it in 24 days. A and C together can do it in 18 days. The three working together can finish the work in

A और B मिलकर किसी काम को 36 दिन में कर सकते हैं, B और C मिलकर उसे 24 दिनों में कर सकते हैं। A और C मिलकर उसे 18 दिन में कर सकते हैं। तीनों मिलकर काम करें तो उसे कितने दिन में पूरा करेंगे?
Question 53. Two adjacent sides of a parallelogram are 21 cms and 20 cms. The diagonal joining the end points of these two sides is 29 cms. The area of the parallelogram (in sq.cms) is
Question 54. A dealer marks his goods 20% above cost price. He then allows some discount on it and makes a profit of 8%. The rate of discount is

एक विक्रेता अपने सामान पर लागत मूल्य से 20% अधिक मूल्य अंकित करता है। उस पर वह कुछ छूट देता है और 8% का लाभ कमाता है। छूट की दर क्या है?

Options:
1) 4%
2) 6%
3) 10%
4) 12%

Correct Answer: 10%
Candidate Answer: 10%
Question 55. Sum of two numbers is thrice their difference. Their ratio is

दो संख्याओं का योग उनके अंतर से तगुना है। उनका अनुपात क्या है?

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

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

Question 56. The average age of 36 students in a group is 14 years. When the teacher's age is included in it, the average increases by one. The teacher's age in years is

36 छात्रों के एक समूह की औसत आयु 14 वर्ष है। जब उसमें शिक्षक की आयु शामिल कर दी जाती है तो औसत एक बढ़ जाता है। शिक्षक की आयु कितने वर्ष है?
Question 57. A dishonest dealer professes to sell his goods at cost price but uses a weight of 875 gms for the kilogram weight. His gain in percentage is

एक बेईमान विक्रेता अपना सामान लागत मूल्य पर बेचने का दावा करता है लेकिन किलोग्राम वजन के बदले में 875 ग्राम के वजन (बांट) का इस्तेमाल करता है। उसका लाभ प्रतिशत कितना होगा?

Options:
1) 17%
2) 14.5%
3) 14.5%
4) 14%
Question 58. A's salary is 50% more than that of B. Then B's salary is less than that of A by

A का वेतन B के वेतन से 50% अधिक है तो B का वेतन A से कितना कम है?

Options:
1) 50%
2) 33\(\frac{1}{3}\)%
3) 33\(\frac{1}{4}\)%
4) 44\(\frac{2}{3}\)%

Correct Answer: 33\(\frac{1}{3}\)%

Candidate Answer: 33\(\frac{1}{3}\)%
Question 59. Speed of a boat along and against the current are 14 kms/hr and 8 kms/hr respectively. The speed of the current is

एक नौका की गति धारा के साथ और प्रतिकूल दिशा में क्रमशः 14 कि.मी./घंटा और 8 कि.मी./घंटा है। धारा की गति कितनी है?

Options:
1) 11 kms/hr
2) 6 kms/hr
3) 5.5 kms/hr
4) 3 kms/hr

Correct Answer: 3 kms/hr

Candidate Answer: 3 kms/hr

Question 60. If the simple interest on Rs. 1 for 1 month is 1 paisa, then the rate percent per annum will be

यदि Rs. 1 पर 1 माह का साधारण ब्याज 1 पैसा है, तो वार्षिक दर प्रतिशत कितना होगा?
Options:
1) 10%
2) 8%
3) 12%
4) 6%
Correct Answer: 12%
Candidate Answer: 12%

Question 61. If \( \frac{a}{b} + \frac{b}{a} = 1 \), then the value of \( a^3 + b^3 \) will be

यदि \( \frac{a}{b} + \frac{b}{a} = 1 \), तो \( a^3 + b^3 \) कितना होगा?

Options:
1) 1
2) 0
3) -1
4) 2
Correct Answer: 0
Candidate Answer: [ NOT ANSWERED ]
Question 62. If p = 99, then the value of p(p^2 + 3p + 3) will be

यदि p = 99 तो p(p^2 + 3p + 3) का मान क्या होगा?

Options:
1) 999999
2) 1000000
3) 1000001
4) 999998
Correct Answer: 999999
Candidate Answer: 999999

Question 63. If a-b=1 and a^3-b^3 = 61, then the value of ab will be

यदि a-b=1 और a^3-b^3 = 61, तो ab का मान क्या होगा?

Options:
1) -20
2) 20
3) 30
4) 60
Correct Answer: 20
Question 64.

If \( \frac{x}{a+b} + 1 = \frac{x}{a-b} + \frac{a-b}{a+b} \), then \( x \) is equal to

\[ \text{Options:} \\
1) 2a-b \\
2) a+b \\
3) a-b \\
4) 2a+b \\
\text{Correct Answer: a-b} \]

Candidate Answer: a-b

Question 65.
The point where the 3 medians of a triangle meet is called

\[ \text{उस बिन्दु को क्या कहते है जिस पर एक त्रिभुज के तीन मीडियन मिलते हैं?} \]
Question 66. \(\triangle ABC\) a right angled triangle has \(\angle B = 90^\circ\) and AC is hypotenuse. D is its circumcentre and AB = 3 cms, BC = 4 cms. The value of BD is

\(\triangle ABC\) एक समकोणीय त्रिभुज है, इसमें \(\angle B = 90^\circ\) और AC कर्ण है। D उसका परिकेन्द्र है और AB = 3 सेमी., BC = 4 सेमी. है, तो BD का मान क्या है ?
Options:
1) 3 cms
3 से.मी.
2) 4 cms
4 से.मी.
3) 2.5 cms
2.5 से.मी.
4) 5.5 cms
5.5 से.मी.
Correct Answer: 2.5 cms
2.5 से.मी.
Candidate Answer: 3 cms
3 से.मी.

Question 67. Δ ABC is an equilateral triangle and D, E are midpoints of AB and BC respectively. Then the area of Δ ABC: the area of the trapezium ADEC is

Δ ABC एक समबाहु त्रिभुज है और D, E क्रमशः AB और BC के मध्य बिंदु है। तो Δ ABC के क्षेत्रफल व समलंब ADEC के क्षेत्रफल का अनुपात कितना होगा?
Options:
1) 5:3
2) 4:1
3) 8:5
4) 4:3
Correct Answer: 4:3
Candidate Answer: 4:1

Question 68.
In an isosceles triangle $ABC$, $AB = AC$, $XY \parallel BC$. If $\angle A = 30^\circ$, then $\angle BXY =$

Options:
1) $75^\circ$
2) $30^\circ$
3) $150^\circ$
4) $105^\circ$
Correct Answer: $105^\circ$
Candidate Answer: $105^\circ$
Question 69.

The value of $\sec^2 17^\circ - \frac{1}{\tan^2 73^\circ} - \sin 17^\circ \sec 73^\circ$ is

Options:
1) 1
2) 0
3) -1
4) 2
Correct Answer: 0
Candidate Answer: 0

Question 70. If $x = a\cos\theta \cos\Phi$, $y = a\cos\theta \sin\Phi$, and $z = a\sin\theta$, then the value of $x^2 + y^2 + z^2$ is

यदि $x = a\cos\theta \cos\Phi$, $y = a\cos\theta \sin\Phi$ और $z = a\sin\theta$ हो तो $x^2 + y^2 + z^2$ का मान क्या है ?
Options:
1) $2a^2$
2) $4a^2$
3) $9a^2$
4) $a^2$

Correct Answer: $a^2$
Candidate Answer: $a^2$

Question 71. A 1.6 m tall observer is 45 meters away from a tower. The angle of elevation from his eye to the top of the tower is 30°, then the height of the tower in meters is

(Take $\sqrt{3} = 1.732$)

1.6 मी. लम्बा एक प्रेक्षक किसी टॉवर से 45 मी. दूर है। उसकी ऊंचाई से टॉवर के शीर्ष तक उन्नयन कोण 30° है। टॉवर की ऊंचाई कितने मी. होगी।

( माना $\sqrt{3} = 1.732$ )
Options:
1) 25.98
2) 26.58
3) 27.58
4) 27.98

Correct Answer: 27.58
Candidate Answer: 27.58
Question 72. The following pie chart shows proportion of population of seven villages in 2009. Study the pie chart and answer the questions that follows:

निम्नलिखित पाई-चार्ट में 2009 में सात गाँवों की आबादी का अनुपात दर्शाया गया है। पाई-चार्ट का अध्ययन कीजिए और निम्नलिखित प्रश्नो का उत्तर दीजिए।

If the below poverty line population of the village 'X' is 12160, then the population of village 'S' is

यदि गाँव 'X' की गरीबी रेखा से नीचे की आबादी 12160 है तो गाँव 'S' की आबादी कितनी होगी?

**Options:**
1) 18500
2) 20500
3) 22000
4) 20000

**Correct Answer: 22000**

**Candidate Answer: 22000**
Question 73. The following pie chart shows proportion of population of seven villages in 2009. Study the pie chart and answer the questions that follows:

The ratio of the below poverty line population of village 'T' to that of the below poverty line population of village 'Z' is

Options:
1) 11:23
2) 13:11
3) 23:11
4) 11:13

Correct Answer: 23:11
Question 74. The following pie chart shows proportion of population of seven villages in 2009. Study the pie chart and answer the questions that follows:

निम्नलिखित पाई-चार्ट में 2009 में सात गाँवों की आबादी का अनुपात दर्शाया गया है। पाई-चार्ट का अध्ययन कीजिए और निम्नलिखित प्रश्नों का उत्तर दीजिए।

<table>
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<td>Y</td>
<td>52</td>
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<tr>
<td>Z</td>
<td>42</td>
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<td>R</td>
<td>51</td>
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<td>S</td>
<td>49</td>
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<td>T</td>
<td>46</td>
</tr>
<tr>
<td>V</td>
<td>58</td>
</tr>
</tbody>
</table>

If the population of the village 'R' is 32000, then the below poverty line population of village 'Y' is

यदि गाँव 'R' की आबादी 32000 है, तो गाँव 'Y' की गरीबी रेखा से नीचे की आबादी कितनी है?
Options:
1) 14100
2) 15600
3) 16500
4) 17000
Correct Answer: 15600
Candidate Answer: 15600
Question 75. The following pie chart shows proportion of population of seven villages in 2009. Study the pie chart and answer the questions that follows:

निम्नलिखित पाई-चार्ट में 2009 में सात गाँवों की आबादी का अनुपात दर्शाया गया है। पाई-चार्ट का अध्ययन कीजिए और निम्नलिखित प्रश्नों का उत्तर दीजिए।

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<tr>
<td>V</td>
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</table>

In 2010, the population of 'Y' and 'V' increases by 10% each and the percentage of population below poverty line remains unchanged for all the villages. If in 2009, the population of village Y was 30,000, then the below poverty line population of village 'V' in 2010 is ____

2010 में 'Y’ और 'V' गाँवों की आबादी 10% बढ़ जाती है और सभी गाँवों की गरीबी रेखा से नीचे की आबादी का प्रतिशत अपरिवर्तित रहता है यदि 2009 में गाँव 'Y' की आबादी 30000 थी, तो 2010 में गाँव 'V’ की गरीबी रेखा से नीचे की आबादी कितनी है?
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.

**PALLID**

**Options:**
1) FRIENDLY
2) PALE
3) WORTHLESS
4) COMFORTING

**Correct Answer:** PALE

**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.

INTANGIBLE

Options:
1) ETHEREAL
2) CONCRETE
3) INSUBSTANTIAL
4) ABSTRACT

Correct Answer: CONCRETE
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) Pontifical
2) Pontiffical
3) Pontifecal
4) Pontificol

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

I always enjoy (A)/ to read (B)/ books (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.

Variety (A)/ is (B)/ spice of life (C)/ No Error (D)

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

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

Neither of the scout leaders know (A)/ how to trap wild animals (B)/ or how to prepare them for mounting (C)/ No Error (D)

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

Correct Answer: A
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.

We can _________ see anything in the dim light.
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.

Few countries can ________ India in variety, colour and the richness of dance forms.

**Options:**
1) compare
2) rival
3) perform
4) prevail

**Correct Answer:** rival

**Candidate Answer:** rival
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.

The scheme allows students from different countries to communicate _________.

Options:
1) each other
2) with each others
3) themselves
4) with one another
Correct Answer: with one another
Candidate Answer: each other

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.

Straw in the wind

Options:
1) A light-weight object
2) A lucky charm
3) A game that kids play
4) An indication of what might happen
Correct Answer: An indication of what might happen
Candidate Answer: [ NOT ANSWERED ]
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.

Face the music

**Options:**
1) Be applauded  
2) Be ridiculed  
3) Be punished  
4) Be dismissed  

**Correct Answer:** Be punished  
**Candidate Answer:** Be punished

---

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.

Curry favour

**Options:**
1) Seek impartial judgement  
2) Seek favourable attention  
3) Prepare a dish  
4) Attract attention  

**Correct Answer:** Seek favourable attention  
**Candidate Answer:** Seek impartial judgement
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.

A brief or short stay at a place

**Options:**
1) Solitude
2) Soiree
3) Sojourn
4) Solistice

**Correct Answer:** Sojourn

**Candidate Answer:** Solitude

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.

That which can be believed

**Options:**
1) Miraculous
2) Creditable
3) Credible
4) Gullible

**Correct Answer:** Credible

**Candidate Answer:** Credible
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.

One who is indifferent to pain or pleasure

**Options:**
1) Eccentric
2) Philosopher
3) Fatalist
4) Stoic

**Correct Answer:** Stoic

**Candidate Answer:** Fatalist

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".

Knowing that the area was prone to earthquakes, all the buildings were reinforced with additional concrete.

**Options:**
1) On being prone to earthquakes,
2) Having been knowing that the area was prone to earthquakes,
3) Since the area was known to be prone to earthquakes,
4) No improvement
Correct Answer: Since the area was known to be prone to earthquakes,  
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".

I will not buy some mangoes.  
Options:  
1) a little  
2) much  
3) any  
4) No improvement  
Correct Answer: any  
Candidate Answer: a little

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".

He would surely assist me if I had requested him to do so.
Options:
1) would surely assisted me
2) would have surely assisted me
3) will have surely assisted me
4) No improvement
Correct Answer: would have surely assisted me
Candidate Answer: will have surely assisted me

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".

The alarming report of the plane crash left everyone in a state of shock.

Options:
1) alarmed report
2) alarmed reporting
3) reported alarm
4) No improvement
Correct Answer: No improvement
Candidate Answer: reported alarm
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".

We were not the wiser after hearing the explanation

Options:
1) none
2) neither
3) nevertheless
4) No improvement

Correct Answer: none
Candidate Answer: [ NOT ANSWERED ]

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.

Another marvel on the far side of the lake was a little farm that felt like a secret in the city. Some of the gaunt Karnataka labourers even looked away when children came to dig and eat. But the greatest pleasure, this side of the lake, was the jamun tree. A few months back, Kalu and Sunil had a feast in the branches, shaking down a few berries for Mirchi.
That's when they came to know the second-coolest thing about the jamun tree: There were parrots nesting in it. Since then, some other road boys had been capturing the parrots one by one to sell at the Marol Market, but Sunil had brought Kalu around to the belief that the birds should be left as they were. Sunil listened for their squawks each morning, to make sure they hadn't been abducted in the night.

Kalu's expertise was in the recycling bins inside airline catering compounds. Private waste collectors emptied these dumpsters on a regular basis, but Kalu had mastered the trash truck's schedules. The night before pickup, Kalu would climb over the barbed-wire fences and raid the overflowing bins.

Kalu's routine had become known by the local police, however. He kept getting caught, until some constables proposed a different arrangement. Kalu could keep his metal scrap if he'd pass on information he picked up on the road about local drug dealers.

What was the greatest pleasure this side of the lake?

**Options:**
1) A secret farm
2) The Jamun tree
3) Feasting on the branches of the Jamun tree
4) Labourers looking away when the children came to dig and eat
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.

Another marvel on the far side of the lake was a little farm that felt like a secret in the city. Some of the gaunt Karnataka labourers even looked away when children came to dig and eat. But the greatest pleasure, this side of the lake, was the jamun tree. A few months back, Kalu and Sunil had a feast in the branches, shaking down a few berries for Mirchi.

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Kalu's routine had become known by the local police, however. He kept getting caught, until some constables proposed a different arrangement. Kalu could keep his metal scrap if he'd pass on information he picked up on the road about local drug dealers.

What was the second coolest thing about the Jamun tree?

Options:
1) Shaking down the berries for Mirchi
2) There were parrots nesting in the tree
3) Selling parrots in the Marol Market
4) Capturing parrots in the tree

Correct Answer: There were parrots nesting in the tree
Candidate Answer: There were parrots nesting in the tree

Another marvel on the far side of the lake was a little farm that felt like a secret in the city. Some of the gaunt Karnataka labourers even looked away when children came to dig and eat. But the greatest pleasure, this side of the lake, was the jamun tree. A few months back, Kalu
and Sunil had a feast in the branches, shaking down a few berries for Mirchi.

That's when they came to know the second-coolest thing about the jamun tree: There were parrots nesting in it. Since then, some other road boys had been capturing the parrots one by one to sell at the Marol Market, but Sunil had brought Kalu around to the belief that the birds should be left as they were. Sunil listened for their squawks each morning, to make sure they hadn't been abducted in the night.

Kalu's expertise was in the recycling bins inside airline catering compounds. Private waste collectors emptied these dumpsters on a regular basis, but Kalu had mastered the trash truck's schedules. The night before pickup, Kalu would climb over the barbed-wire fences and raid the overflowing bins.

Kalu's routine had become known by the local police, however. He kept getting caught, until some constables proposed a different arrangement. Kalu could keep his metal scrap if he'd pass on information he picked up on the road about local drug dealers.

What did Sunil think of parrots?
That they should be captured and sold.

That they had been abducted in the night.

That they should not be captured and sold.

That they squawked every morning.

Correct Answer: That they should not be captured and sold.

Candidate Answer: That they should be captured and sold.

Question 99. A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

Another marvel on the far side of the lake was a little farm that felt like a secret in the city. Some of the gaunt Karnataka labourers even looked away when children came to dig and eat. But the greatest pleasure, this side of the lake, was the jamun tree. A few months back, Kalu and Sunil had a feast in the branches, shaking down a few berries for Mirchi.

That's when they came to know the second-coolest thing about the jamun tree: There were parrots nesting in it. Since then, some other road boys had been capturing the parrots one by one to sell at the Marol Market, but Sunil had brought Kalu around to the belief that the birds should be left as they were. Sunil listened for their
squawks each morning, to make sure they hadn't been abducted in the night.

Kalu's expertise was in the recycling bins inside airline catering compounds. Private waste collectors emptied these dumpsters on a regular basis, but Kalu had mastered the trash truck's schedules. The night before pickup, Kalu would climb over the barbed-wire fences and raid the overflowing bins.

Kalu's routine had become known by the local police, however. He kept getting caught, until some constables proposed a different arrangement. Kalu could keep his metal scrap if he'd pass on information he picked up on the road about local drug dealers.

How did Kalu manage to raid the airline recycling bins before they were emptied?

**Options:**

1) He was an expert
2) He jumped over the barbed wire fences.
3) He had mastered the trash trucks schedules.
4) He worked at night

**Correct Answer:** He had mastered the trash trucks schedules.

**Candidate Answer:** He had mastered the trash trucks schedules.

Question 100. A passage is given with 5 questions