SECTION – 'A' : LANGUAGE

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Read the following passage :

The Seven Ancient Wonders of the World

The ancient Greeks made a list of places that people should see. The list was named 'the Seven Wonders of the World'. Only one of the ancient wonders can be found today in Giza, which is in Egypt. This is the Great Pyramid of Giza. It is one of the three great pyramids built around 2500 B.C. The Hanging Gardens of Babylon are another ancient wonder. They are located on the banks of the River Euphrates. This area is near Baghdad in Iraq. A King built this garden for his wife.

The Statue of Zeus was built in Olympia, Greece in 457 B.C. This statue was built to honour the Greek God Zeus. The statue was as tall as a four-storey building! In addition to Zeus, the Greeks built another very big statue, to honour the Greek Sun God, Helios. This wonder is known as the Colossus of Rhodes, built around 550 B.C. The Temple of Artemis at Ephesus was considered the most beautiful structure on earth. Ephesus was an ancient city that was located in what is now Turkey. The Mausoleum at Halicarnassus was also constructed in Turkey. The only wonder built for practical use was the Pharos of Alexandria. This was a lighthouse off the coast of Egypt. It was once the tallest building in the world.

Answer the following questions by choosing the correct option :

1. Which of the following statements is NOT TRUE about the passage ?

(1) Colossus of Rhodes was built to honour Helios.

(2) Pharos of Alexandria was a lighthouse.

(3) The Great Pyramid of Giza was destroyed.

(4) The Hanging Gardens of Babylon were built by a king for his wife.

2. Which of the Seven Ancient wonders of the world, was as tall as a four-storey building ?

(1) The Great Pyramid of Giza

(2) The Statue of Zeus

(3) The Mausoleum of Halicarnassus

(4) The Colossus of Rhodes

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3. What is the meaning of the underlined word : 'The Lighthouse at Halicarnassus' ?

(1) A kind of fabric (2) A country

(3) Building to guide the ships (4) A temple

Do as directed :

4. Fill in the blank with the appropriate option.

My mother advised me to stay _____ home.

(1) in (2) at (3) on (4) for

5. Fill in the blank with the appropriate article.

Rakesh is _____ excellent Science teacher.

(1) an (2) a (3) the (4) no article

6. Rearrange the following words/phrases to make meaningful sentence by choosing the correct sequence.

waved (A) / she (B) / greeted (C) / and (D) / cheerfully (E) / us (F)

(1) BCDFEA (2) CADBEF (3) ADBFEC (4) BADCFE

7. Fill in the blank with the correct option.

It was a steep _____ from the hilltop.

(1) dissent (2) decent (3) descent (4) desent

8. Rearrange the following words/phrases to make meaningful sentence by choosing the correct sequence.

snowfall (A) / heavy (B) / the (C) / everything (D) / covered (E)

(1) CBAED (2) BAECD (3) DECBA (4) CABED

9. Choose the correct noun.

A _____ of soldiers marched into the battleground.

(1) Troupe (2) Trupe (3) Troop (4) Truope

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10. Choose the correct pronoun

Is she the girl who won the first prize?

(1) that (2) whom (3) which (4) who

11. Choose the correct Question Tag

You paid the bill. _____?

(1) won't you (2) didn't you (3) will you (4) doesn't you

12. Identify the type of sentence.

Mohan gave me a ten-rupee note.

(1) Declarative (2) Imperative (3) Exclamatory (4) Interrogative

13. Choose the correct verb.

The water _____ from the tap last night.

(1) dripping (2) drip (3) dripped (4) will drip

14. Choose the correct spellings :

(1) Appointtment (2) Apointment (3) Appointmant (4) Appointment

15. Choose the word nearest in meaning to the underlined word.

There was a momentous moment in the cricket match.

(1) Insignificant (2) Important (3) Sudden (4) Abrupt

16. Choose the correct adjective.

Yesterday was the _____ day of our trip.

(1) most worse (2) more worse (3) worst (4) worser

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17. Choose the opposite of "literate".

(1) Illiterate (2) Unliterate (3) Deliterate (4) Misliterate

18. Choose the option that is opposite of 'EARLIER'.

(1) Former (2) Previous (3) Latter (4) Later

19. Choose the correct option. Closest to the meaning of 'gigantic'.

(1) Very small (2) Very good (3) Very bad (4) Very big

20. Choose the correct option.

A cobbler is a person who _____.

(1) repairs taps (2) mends clothes (3) mends bulbs (4) repairs footwear

21. Choose the appropriate option.

All my friends are good-natured. As they say, birds of a feather _____ together.

(1) wing (2) clique (3) flock (4) group

22. Seeing the wounded bird, she _____ her mother.

(1) was calling (2) called (3) call (4) calling

23. Identify the adverb.

The doctor will see you later.

(1) later (2) will (3) see (4) The

24. Choose the incorrect pair :

(1) knife-knives (2) woman-women (3) deer-deer (4) mouse-mouses (mice)

25. Fill in the blank with correct conjunction.

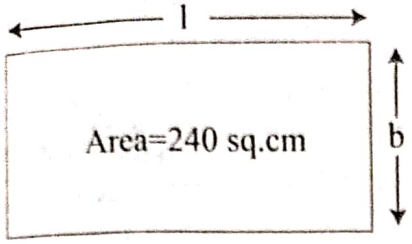
Manjeet cannot drive _____ he has a licence.

(1) if (2) unless (3) although (4) yet

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SECTION – 'B' : MATHEMATICS

26. Which one of the following is the incorrect option ?



(1) l=19.2 cm, b=12.5 cm
(2) l=16 cm, b=15 cm
(3) l=54 cm, b=5 cm
(4) l=32 cm, b=7.5 cm

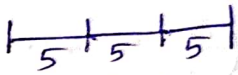
54×5 = 270 ✗

27. Convert the fraction $15\frac{1}{25}$ into a decimal number.

(1) 150.4 (2) 15.04 (3) 1504 (4) 1.504

28. A webinar has three intervals of 5 minutes each. What is the total duration of the intervals in seconds ?

(1) 1000 (2) 800 (3) 900 (4) 1500



15×60 = 900 sec

29. What is the weight of two dozen biscuits if each biscuit weighs 4 g ?

(1) 24 g (2) 64 g (3) 48 g (4) 96 g

1 — 4
24 — ?
24×4 = 96

30. Select values of m, n to make the statement true.

127 × 15 = (__m__ × 15) + (__n__ × 15)

(1) m = 100, n = 15
(2) m = 120, n = 15
(3) m = 15, n = 27
(4) m = 100, n = 27

31. Which one of the following are arranged in descending order ? (Big to small)

(1) $\frac{2}{5}, \frac{2}{7}, \frac{2}{13}, \frac{2}{9}, \frac{2}{3}$
(2) $\frac{6}{11}, \frac{14}{11}, \frac{10}{11}, \frac{4}{11}, \frac{2}{11}$
(3) $\frac{7}{6}, \frac{7}{8}, \frac{7}{12}, \frac{7}{15}, \frac{7}{18}$
(4) $\frac{10}{9}, \frac{13}{9}, \frac{5}{9}, \frac{15}{9}, \frac{7}{9}$

32. Which one of the following figures is not symmetrical along the dotted line ?

(1) 
(2) 
(3) 
(4) 

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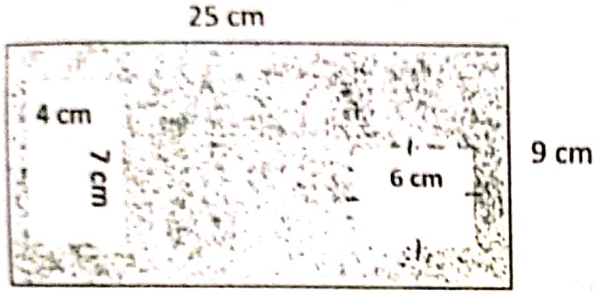
33. In 563672, the place value of 6 at the ten thousands place is _____ times the place value of 6 at the hundreds place.

(1) 1000 (2) 100 (3) 10 (4) 10000

34. 128400 pens are to be packed in cartons with 150 pens in each. How many cartons will be needed ?

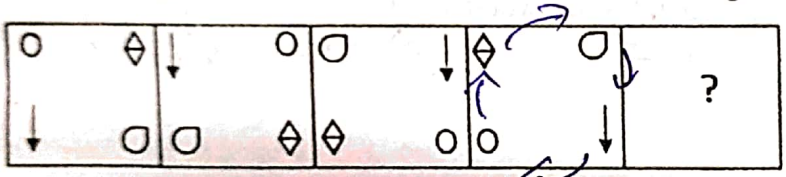
(1) 856 (2) 805 (3) 846 (4) 876

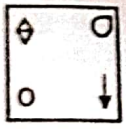
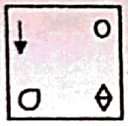
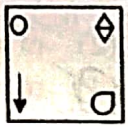
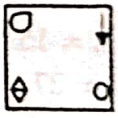
35. Find the area of the shaded part of the figure.



(1) 161 sq. cm (2) 171 sq. cm (3) 173 sq. cm (4) 163 sq. cm

36. Choose a figure that will continue the series in the given figure.



(1) 
(2) 
(3) 
(4) 

37. What would be the price of seven chairs, if the price of one chair is ₹ 7642.45 ?

(1) ₹ 53497.35 (2) ₹ 53497.15 (3) ₹ 53499.15 (4) ₹ 53597.15

38. Fill in the blank with the correct option.

CCCXC + LIX = _____.

(1) CCCCXLIX (2) CDXLIX (3) CDCXLIX (4) CDXXXXIX

39. In a particular year, 76,43,872 students appeared for an exam. Out of them if 42,37,602 were girls, how many were boys ?

(1) 43,06,270 (2) 34,56,270 (3) 34,06,270 (4) 43,05,370

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40. Shreya has 32 red pens and 56 blue pens. She wants to make packs of equal number of pens out of them in such a way that each pack has pens of only one colour. How many pens would be there in the biggest pack ?

(1) 4 (2) 8 (3) 16 (4) 12

41. I am a five-digit even number. I have 9 at my tens place. The digit at the ten thousands place is three less than the digit at the tens place. The digit at the hundreds place is half the value of the digit at the ten thousand place. The digit at the thousand place is double the digit at the ones place. Who am I ?

(1) 68494 (2) 61392 (3) 64391 (4) 68394

42. What would be the water image of SEARCH ?

(1) SEARCH (2) SEARCH (3) SEARCH (4) SEARCH

43. Which of the following numerals are arranged in ascending order ?

(1) 6821, 6812, 6261, 2861 (2) 9075, 7905, 9701, 5907

(3) 10529, 12049, 12509, 15249 (4) 23124, 23213, 21467, 2764

44. What should be subtracted from 3 million to get 1765498 ?

(1) 1,234,602 (2) 1,234,502 (3) 1,324,502 (4) 1,234,402

45. An athlete finishes 400 m race in 48 seconds. How many minutes has he spent in running if he ran five times on the same track at the same speed ?

(1) 4 (2) 3.5 (3) 5 (4) 6

46. Select the next figure in the pattern :



(1)  (2)  (3)  (4) 

47. Rounding off 7348561 to the nearest hundreds is _____.

(1) 7348000 (2) 7348600 (3) 7348560 (4) 7348500

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48. If ▲ + ▲ + ● = 420 and ● − ▲ = 90, then what is the value of ●?

(1) 100 (2) 200 (3) 90 (4) 120

49. Seventy six lakh four thousand eighty three is written as _____ in the international number system.

(1) 7,640,083 (2) 76,483 (3) 760,483 (4) 7,604,083

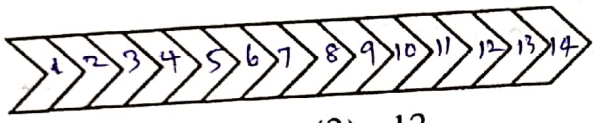
50. Prisha weighs 42 kg and Kyra weighs 39.5 kg. What is their total weight ?

(1) 82500 g (2) 8250 g (3) 81500 g (4) 8150 g

51. Which one of the following options is incorrect ?

(1) $\frac{2}{5} = 0.4$ (2) $1.147 > 1.039$ (3) $5.862 < 5.9$ (4) $3.21 > 3.222$

52. How many parts of the given figure should be shaded to represent $\frac{3}{7}$?



(1) 4 (2) 12 (3) 8 (4) 6

53. Sum of place values of the underlined digits in the given numbers is _____.

$6\underline{9}5281$ $5\underline{3}48\underline{5}73$

(1) 305071 (2) 300551 (3) 305017 (4) 3005071

54. Choose the smallest possible 7-digit number that you can form using each of the following digits 5, 1, 8, 0, 3.

(1) 1310058 (2) 1001358 (3) 1130058 (4) 1000358

55. Anil had 78.6 m fabric which was just enough to make one set of uniform for 12 students. How much fabric would be used to make one uniform ?

(1) 6.05 m (2) 6.65 m (3) 6.55 m (4) 6.25 m

56. An oil tank can hold 60 litres of oil. Another oil tank can hold thrice as much. What is the total capacity of both the tanks ?

(1) 180 litres (2) 240 litres (3) 120 litres (4) 300 litres

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57. If the cost of fencing 1 m is ₹ 215, then find the cost of fencing a park with length 45 m and breadth 23 m.

(1) ₹ 29240 (2) ₹ 25340 (3) ₹ 29440 (4) ₹ 29540

58. Solve : $\frac{6}{8} \div \frac{3}{2} \times \frac{4}{5}$

(1) $\frac{3}{5}$ (2) $\frac{3}{8}$ (3) $\frac{5}{8}$ (4) $\frac{2}{5}$

59. The product of the LCM and HCF of two numbers is 322. If one of the numbers is 23, what is the other ?

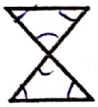
(1) 7 (2) 14 (3) 18 (4) 46

60. Identify the greatest fraction from the following :

$\frac{2}{11}, \frac{2}{7}, \frac{2}{13}, \frac{2}{9}, \frac{2}{3}$

(1) $\frac{2}{11}$ (2) $\frac{2}{9}$ (3) $\frac{2}{7}$ (4) $\frac{2}{3}$

61. How many acute angles are there inside the given figure ?



(1) 4 (2) 6 (3) 5 (4) 7

62. Which one of the following is not an equivalent fraction of $\frac{5}{7}$?

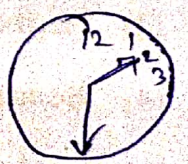
(1) $\frac{15}{21}$ (2) $\frac{45}{56}$ (3) $\frac{25}{35}$ (4) $\frac{10}{14}$

63. Raman started a journey 4 hours before Sameer. If Sameer started his journey at 2:15 p.m. at what time did Raman start his journey ?

(1) 09:15 hours (2) 11:15 hours (3) 10:15 hours (4) 14:15 hours

64. Identify the angle created by the minute hand and the hour hand at 2:30 p.m.

(1) Acute (2) Obtuse (3) Straight (4) Right



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65. The area of a triangle whose base is 12 cm and the height twice the base, is _____

(1) 288 sq. cm (2) 144 sq. cm (3) 289 sq. cm (4) 298 sq. cm

66. If the classes for the senior students start everyday at 8:35 a.m. and end at 1:45 p.m. (with no breaks), find the total duration of the classes.

(1) 4 hours 40 minutes (2) 310 minutes

(3) 5 hours 20 minutes (4) 315 minutes

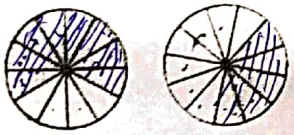
67. What must be added to 2.4624 to get 6.785 ?

(1) 4.321 (2) 4.3221 (3) 4.3226 (4) 4.3229

68. What is the side of a cube, if its volume is 64 cu.cm ?

(1) 12 cm (2) 4 cm (3) 8 cm (4) 16 cm

69. What is the fraction that the sum of the shaded regions represent ?



(1) $\frac{10}{12}$ (2) $\frac{1}{4}$ (3) 1 (4) $1\frac{1}{12}$

70. A dealer purchased 50 tables for ₹ 4570 each. Nine tables got damaged in transit. He sold the remaining tables for ₹ 5000 each. Choose the most appropriate statement for this case ?

(1) He was able to recover the cost of the damaged tables.

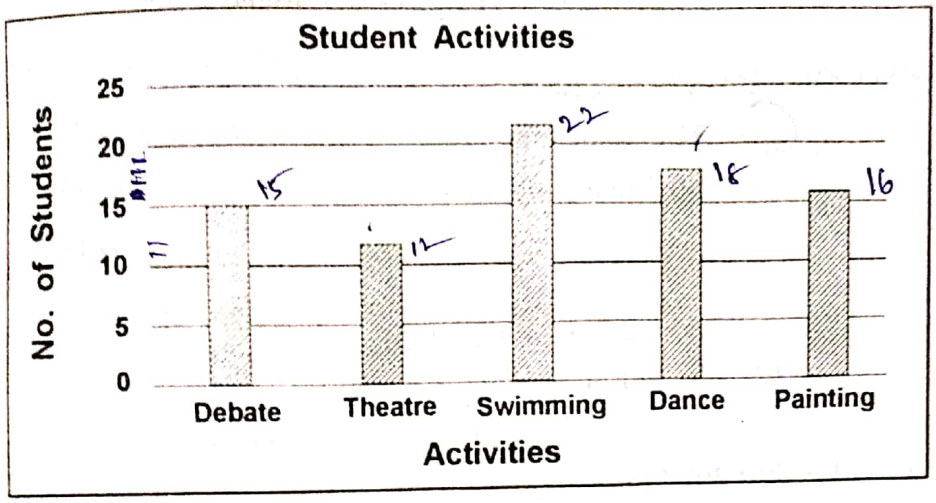
(2) He made a profit of ₹ 25000.

(3) He incurred a loss of ₹ 23500.

(4) He made a profit of ₹ 23500.

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Instructions For Q. No. 71 - 75 : The following graph represents the activities taken up by Grade V students in a particular school. Study the graph and answer the following questions.



71. How many students chose Dance ?

(1) 16 (2) 18 (3) 17 (4) 19

72. How many students were there in the 2 least popular activities ?

(1) 25 (2) 24 (3) 28 (4) 27

73. What is the total number of students in Grade V ?

(1) 80 (2) 83 (3) 85 (4) 84

74. How many more students chose Swimming as compared to Debate ?

(1) 6 (2) 8 (3) 5 (4) 7

75. The number of students who chose Painting is _____ more than the number of students who chose Theatre.

(1) 1 (2) 2 (3) 3 (4) 4

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SECTION – 'C' : GENERAL KNOWLEDGE

76. What is the major source of fresh water in India ?
(1) Ocean water (2) River water (3) Pond water (4) Ground water

77. Salman Rushdie won the Booker Prize for which book ?
(1) The Satanic Verses (2) Midnight's Children
(3) Fury (4) Shalimar the Clown

78. Who invented electric bulb ?
(1) Thomas Alva Edison (2) Alexander Graham Bell
(3) Marie Curie (4) C. V. Raman

79. By what other name is the Water Cycle known as ?
(1) Water movement cycle (2) Air cycle
(3) Hydrologic cycle (4) Tectonic cycle

80. Pick an example of water pollution.
(1) An oil spill from a large ship
(2) Animals walking along the beach
(3) Drinking water out of a plastic bottle
(4) Gasoline in a car

81. Who has won the Sushila Devi Literature Award for the novel "Things to Leave Behind" ?
(1) Kanika Mukherjee (2) Ram Suri
(3) Namita Gokhale (4) Rita Chandra

82. Where is the United Nations Headquarters located ?
(1) Vienna (2) New York (3) Paris (4) Zurich

83. Which classical dance form is named after the village it originated from ?
(1) Kuchipudi (2) Kathakali (3) Bharatnatyam (4) Mohiniattam

84. What do tissues help in ?
(1) Faster development (2) Division of labour among cells
(3) Higher reproductive potential (4) Body strength

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85. Which bacteria is responsible for the formation of curd ?

(1) Vibrio Cholerae
(2) Lactobacillus Acidophillus
(3) Streptococcus thermophillus
(4) Bacillus radicicola

86. Which one of the following statements is true about fossil fuels ?

(1) They are renewable resources.
(2) They are found within the top layers of the Earth's crust.
(3) They are formed over the course of ten years.
(4) They are the remains of once-living organisms.

87. Which sweet is deep-fried, dipped in sugar syrup, round shaped and usually orange in colour ?

(1) Gajar ka halwa (2) Rasgulla (3) Bhakarwadi (4) Jalebi

88. The reading above _____ on Richter scale can cause severe damage.

(1) 7 (2) 6 (3) 5 (4) 4

89. What does white colour in the Indian National Flag represent ?

(1) Sacrifice
(2) Peace and Truth
(3) Prosperity of life
(4) None of these

90. Pick out the incorrect statement.

(1) Gravitation affects only part of the earth.
(2) Gravitation pulls iron.
(3) Gravitation prevents things from floating.
(4) Aeroplane do not fly in the gravitational field.

91. Which State / Union Territory is Nanda Devi located in ?

(1) Himachal Pradesh
(2) Jammu and Kashmir
(3) Uttarakhand
(4) Uttar Pradesh

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92. What is meant by 'seed coat' ?
(1) Hard cover around the food stored
(2) Hard cover around the baby plant
(3) The protective outer coat of a seed
(4) Hard cover around the roots of the plant

93. Name the holy book of the Parsis.
(1) Bible (2) Zend Avesta (3) Quran (4) Guru Granth Sahib

94. Which Vitamin deficiency leads to bleeding of gums, slow healing of wounds and aching limbs ?
(1) Vitamin A (2) Vitamin B (3) Vitamin C (4) Vitamin D

95. Which part of the Earth supports its biodiversity ?
(1) Biosphere (2) Sanctuary
(3) Ecosystem reserve (4) Biotic community

96. Where did Buddha attain enlightenment ?
(1) Lumbini (2) Bodh Gaya (3) Sarnath (4) Kushinagar

97. What process is involved in Cloud Seeding, which is a technique that induces rain ?
(1) Adopting an agricultural practice that depends on clouds.
(2) When water vapour in the atmosphere cools and condenses around a particle of dust or salt
(3) Making clouds and placing them in the sky.
(4) Scattering clouds to form seed like structures.

98. Where is the famous Meenakshi Temple located ?
(1) Ujjain (2) Varanasi (3) Madurai (4) Rameswaram

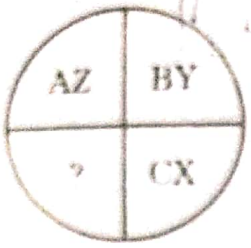
99. In which sport is the term 'Knock-Out' used ?
(1) Archery (2) Boxing (3) Golf (4) Billiards

100. Who was the Chief of Army during the Indo-Pak war, 1971 ?
(1) General PP Kumaramangalam (2) Field Marshal SHFJ Manekshaw
(3) General JN Chaudhari (4) General KS Thimayya

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SECTION – 'D' : INTELLIGENCE

101. Which character when placed at the sign of interrogation (?) shall complete the given pattern ?



(1) DW (2) DK (3) DE (4) DL

102. Choose the correct alternative.

Smoke : Pollution :: War : ?

(1) Peace (2) Victory (3) Treaty (4) Destruction

103. Replace the question mark (?) in the given series.

mm, OO, qq, SS, ?

(1) uu (2) Ss (3) UU (4) rr

104. Choose the correct alternative from the options for the Assertion (A) and Reason (R) given below.

Assertion (A) : In India, people elect their own representatives.

Reason (R) : India is a democratic country.

(1) 'A' is true but 'R' is false (2) 'A' is false but 'R' is true

(3) Both 'A' and 'R' are true (4) Both 'A' and 'R' are false

105. If GRAIN is related to WAREHOUSE, then Water is related to _____.

(1) Estuary (2) River (3) Canal (4) Dam

106. If in a certain language 'PARROT' is written as '123345' and 'SOAT' is written as '6425', then how would 'ROAST' be written in that code ?

(1) 34625 (2) 32564 (3) 32456 (4) 34265

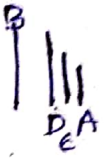
107. 37 boys are standing in a row. Aakash is 14th from the right end. If he is shifted six places to the left, what is his position from the left end ?

(1) 20 (2) 18 (3) 11 (4) 14

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108. There are four buildings in a residential complex A, B, C and D. Each one is of different height. D is only shorter than B. A is shorter than D and C. Which one is shortest of them all ?

(1) A (2) B (3) C (4) D



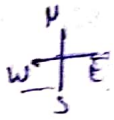
109. Which sequence of mathematical symbols can replace * in the given equation to balance the equation ?

7 * 7 * 2 * 1 = 12

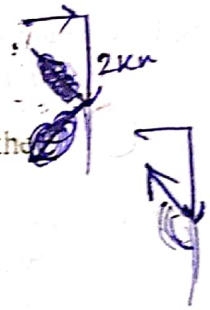
7+7−2×1

(1) × ÷ − (2) + − × (3) ÷ + − (4) × − ×

110. Surbhi is facing East. She turns 90° in the clockwise direction and moved 2 kilometers, then she turns 145° in clockwise direction and moved 1 kilometer. Which direction is she facing now ?



(1) North (2) East (3) North-West (4) South-East



111. Fill in the blank with one of the options given below, which is in line with the sequence in the question.

PUE, QVF, RWG, _____, TYI

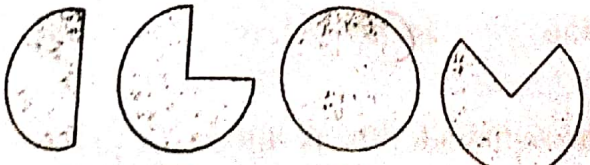
(1) SXH (2) TSQ (3) ABN (4) STY

112. In a certain language 'FIGHT' is written as 'TGHFI', then how will 'PAPER' be written in that code ?

RPEPA

(1) RPEPA (2) REPPA (3) PEARP (4) PAEPR

113. If 35 out of 70 people are diabetic, which figure will depict the diabetic group ?



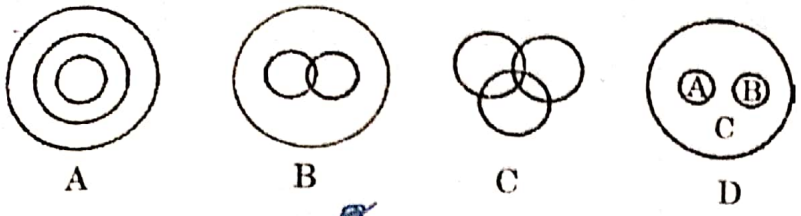
(a) (b) (c) (d)

35/70 = 1/2

(1) a (2) b (3) c (4) d

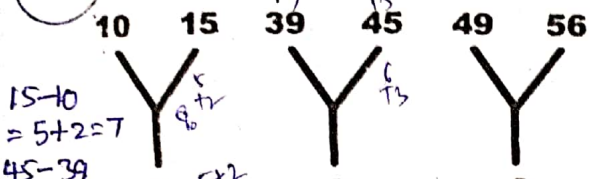
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114. Which of the following diagrams best depicts the relationship between Table, Chair, Furniture ?



(1) A (2) B (3) C (4) D

115. Find the missing figures from the given alternatives.



(1) 28 (2) 21 (3) 11 (4) 38

116. What comes in the place of question mark (?) in the following number series?

4, 12, 36, 108, 324, ?

(1) 520 (2) 475 (3) 680 (4) 972

117. A bus for Delhi leaves every 30 minutes from a bus station. The station master told a passenger that a bus has already left 10 minutes ago and the next bus will leave at 9:35 am. At what time the station master gave this information to the passenger ?

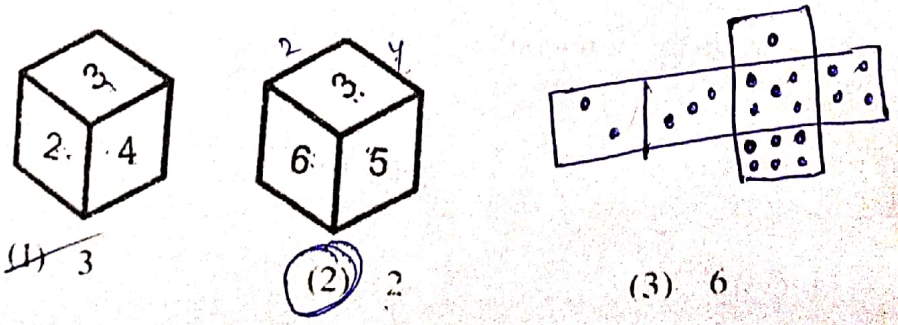
(1) 9:20 am (2) 9:10 am (3) 9:15 am (4) 9:25 am

118. If 'A' means '÷', B means '–', C means '×' and 'D' means '+', then find the value of the following equation.

16 D 64 A 4 B 4 C 3 = ?

(1) 20 (2) 15 (3) 9 (4) 17

119. Two positions of dice are shown below. Identify the number at the bottom when the top is '5' ?

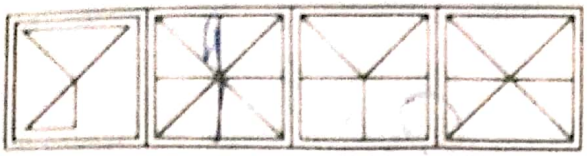


(1) 3 (2) 2 (3) 6 (4) 4

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120. Figure [illegible] is embedded in one of the four alternatives. Find the alternative [illegible]

figure [illegible] as its part

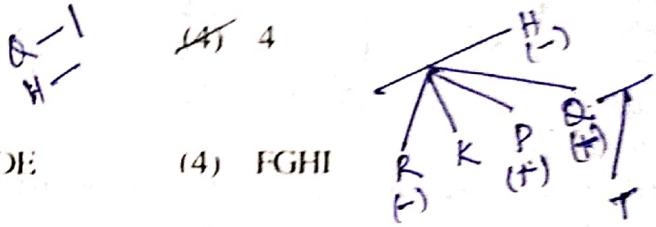


(a) (b) (c) (d)

(1) a (2) b (3) c (4) d

121. R is K's sister. P is K's brother. Q is T's father who is P's brother. H is K's mother. At least how many sons do Q and H have ?

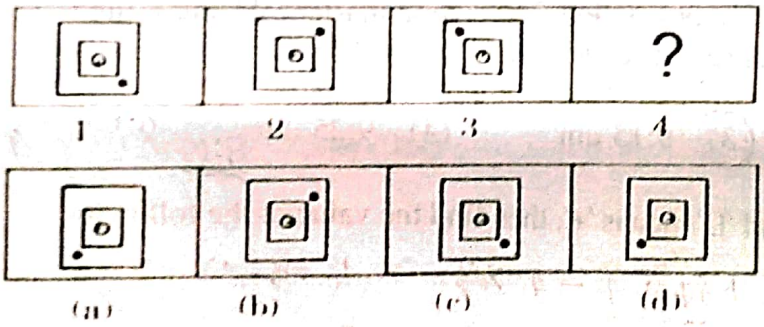
(1) 3 (2) 2 (3) 1 (4) 4



122. Which of the following option is an odd one ?

(1) PQRS (2) LMNOP (3) BCDE (4) FGHI

123. Which figure among the four alternatives a, b, c, d would replace the question mark in figure '4' ?



(a) (b) (c) (d)

(1) a (2) b (3) c (4) d

124. Find out the pair in which the words bear the same relationship to each other as the given one

Austria Vienna

(1) Egypt Cairo (2) Germany London

(3) USA Orlando (4) Australia Sydney

125. Which of the following words cannot be formed out of the word 'CONDUCT' ?

(1) Duct (2) Counted (3) Count (4) Donut

- o O o -

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