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ALLEN'S Talent Encouragement Exam

2022



Students of Class V to X

SAMPLE TEST PAPER FOR STAGE - I

CLASS VI

"TALLENTEX COORDINATION CELL"

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A Specially Designed Initiative at National Level to
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7. The places on earth at different location have different temperature. This could be due to:
- (1) Rotation of moon
 - (2) Gravitational pull of moon
 - (3) Ultraviolet rays of sun
 - (4) Sun ray reach slanting at some places while direct at other places
8. In case of an object placed in front of a plane mirror, its image formed is always :
- (1) Virtual and inverted
 - (2) Real and inverted
 - (3) Virtual and erect
 - (4) Real and erect
9. The distance between Kota and Delhi in a map is 120 mm. The scale taken for drawing this map is 1 mm = 18000 m. The actual distance between Kota and Delhi is
- (1) 1800 km
 - (2) 1200 Km
 - (3) 2160 km
 - (4) 592 km
10. In the figure shown below a boy is holding an optical device. Then choose the correct statement:



- (1) This device is known as Kaleidoscope and it is used to see colorful pattern formed due to multiple reflections by inclined plane mirrors.
- (2) This device is known as Periscope and it is used to see colorful pattern formed due to multiple reflections by inclined plane mirrors.
- (3) This device is known as Kaleidoscope and it is used to indirectly see objects present above our eye level with the help of two plane mirrors.
- (4) This device is known as Periscope and it is used to indirectly see objects present above our eye level with the help of two plane mirrors.

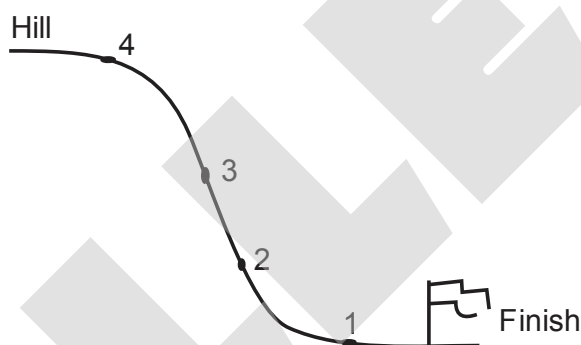
(INTEGER)

11. How many of the following forms of energy are not responsible for the paper to fly from your classroom table :
- Tidal energy, Wind energy, Nuclear energy, Sound energy
12. The distance between your school and home is 6000m. Express it in km.

13. 

The block B is at rest even though forces are acting on it as shown in the figure. The frictional force acting is _____ N towards left.

14. How many moons do mars have ?
15. How many among the following show(s) the best example(s) of linear motion ?
(i) Riding merry-go-round (ii) Running around a circular path.
(iii) Throwing a ball straight down. (iv) Driving a car on straight road.
16. How many planets are known as inner planets?
17. How many among the following is/are not standard unit of measurement ?
(i) Angul (ii) Mutthi (iii) Inch (iv) Centimeters
(v) Cubit (vi) Span
18. In a periscope, 2 plane mirrors are fitted at its two ends in such a way that they make an angle _____ $\times 90^\circ$ with each other.
19. The following diagram shows a hill with four labeled positions 4,3,2,1. When a ball is rolled down the hill, out of the four positions which numbered position would have the greatest potential energy for the ball?



20. A wedge consist of _____ inclined planes.

CHEMISTRY (OBJECTIVE)

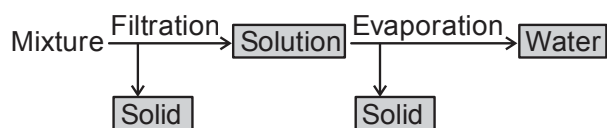
21. Given below are the names of some objects. Pick the odd one out.
(1) Aluminium (2) Sulphur (3) Iron (4) Copper
22. Which of the following materials is hard, opaque and shines when freshly cut?
(1) Aluminium (2) Plastic (3) Chalk (4) Rubber
23. Churning method is used to separate
(1) Sand from water (2) Butter from curd (3) Mud from water (4) Chalk from water
24. Solid \rightarrow Liquid : Melting :: _____ : Freezing
(1) Gas \rightarrow Liquid (2) Liquid \rightarrow Gas (3) Solid \rightarrow Gas (4) Liquid \rightarrow Solid

25. Hand picking is preferred when
(1) The quantity of the mixture is small
(2) The unwanted substance is present in large quantities
(3) The unwanted substance can dissolve
(4) The size or colour of the unwanted substance is the same as the useful one
26. Fossil fuels include
(1) Coal and metals
(2) Coal, natural gas and petroleum
(3) Oil and minerals
(4) Oil, minerals and metals
27. Find the odd one out on the basis of natural fibres.
(1) Coir (2) Cotton (3) Jute (4) Silk
28. What is the percentage of oxygen gas in the air?
(1) 12% (2) 21% (3) 78% (4) 87%
29. In which of the following the intermolecular force is maximum ?
(1) Ice (2) Water (3) Water vapour (4) Air
30. Common salt is obtained from sea water by the process of –
(1) Sublimation (2) Evaporation (3) Condensation (4) Filtration

(INTEGER)

31. Into how many types natural fibres can be classified ?
32. Select the number of substances that float in water.
Oil, Wax, Plastic ball, Wood, Leaf, Stone, Key, Coin, Screw, Ice cube
33. How many of the following are used as fuels ?
Coal, Kerosene, Cow dung cake, Biogas, LPG, Stone, Wood, Iron
34. Which of the following is / are incorrect statements regarding physical properties of solids ?
(i) Solid has no fixed shape but has fixed volume.
(ii) Solids generally cannot be compressed.
(iii) Particles of solids does not show fluidity.
(iv) Solids have maximum kinetic energy.
(v) Molecules are tightly packed in solids.
(vi) In solids intermolecular space is very small.
(vii) A solid contracts very little on being cooled.
35. Wool, Jute, Polyester, Nylon, Acrylic.
In the given fibres how many are synthetic fibre ?
36. How many of the following cause(s) land pollution ?
Sand, Plastic, Soil, Chemical waste, Metal cans, Plants

37. Which of the following option is / are correct ?
 (i) When a solid changes to a liquid it is called melting.
 (ii) The particles of gas are packed tightly together.
 (iii) Liquids are easy to compress.
 (iv) When a gas changes into a liquid, it is called condensation.
 (v) When a liquid changes to a solid, it is called freezing.
 (vi) Liquid takes the shape of container.
38. Amrita did the following activity to separate the constituents of a mixture.



How many mixtures can be separated by Amrita by this activity ?

- (I) Stones + Rice + Water
 (II) Water + Sand + Glass
 (III) Sand + Sugar + Water
 (IV) Iron + rice + sand
 (V) Sand + Common salt + Water
 (VI) Oxygen + Hydrogen + Water
39. Give the number of plant fibers among the following.
 Acrylic, Jute, Coir, Cotton, Nylon, Polyester.
40. How many of the following are opaque substances ?
 Wood, Iron sheet, Butter paper, Oiled paper, Glass, Frosted glass, Coal.

BIOLOGY (OBJECTIVE)

41. Which of the following food item comes from animal?
 (1) Paddy (2) Cereals (3) Pork (4) Oats
42. Among the given options, name the component of our food which does not provide any nutrient to our body but is still an essential part of our diet.
 (1) Vitamin (2) Protein (3) Fat (4) Roughage

43. Match the column

Column-I

- (P) The innermost part of the bisexual flower is called the
 (Q) Small bead like structure inside the ovary
 (R) This part of flower has Filament and anther

Column-II

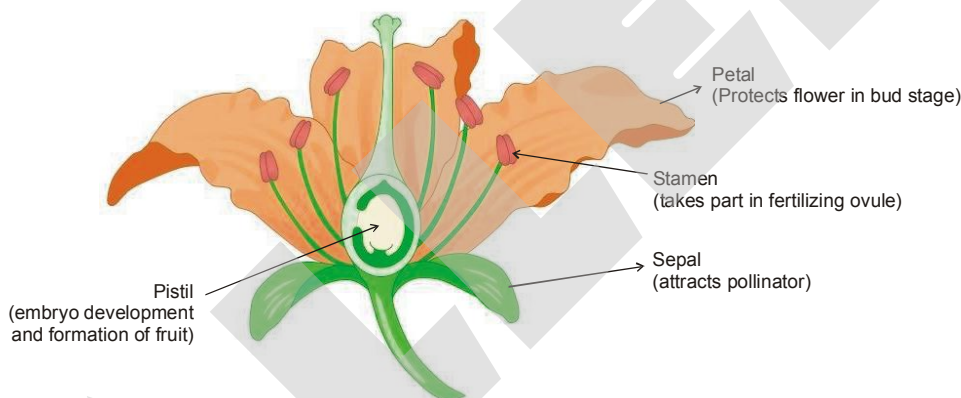
- (X) Ovules
 (Y) Stamens
 (Z) Pistil

Which of these are correct?

- (1) P → X, Q → Y, R → Z (2) P → Y, Q → X, R → Z
 (3) P → Z, Q → Y, R → X (4) P → Z, Q → X, R → Y

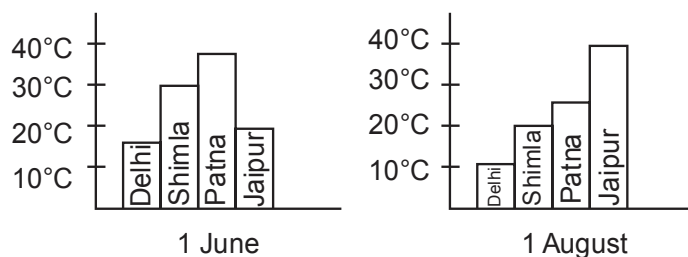
44. Outermost part of a seed.
(1) Embryo (2) Seed coat (3) Cotyledons (4) Sepal
45. Read each set of terms and identify the odd set.
(1) Cow, milk, butter (2) Hen, meat, egg
(3) Goat, milk, meat (4) plant, vegetable, butter, milk
46. Pick the odd one out
(1) Oral cavity (2) Stomach (3) Intestine (4) Lungs
47. Name the seeds which disperse by water–
(1) Rose (2) Lotus (3) Cactus (4) Neem
48. Which of the following vitamin helps in absorption of calcium in human body?
(1) Vitamin C (2) Vitamin D (3) Vitamin B1 (4) Vitamin E
49. Which nutrients give us energy to do work ?
(1) Fats and carbohydrates (2) Vitamins
(3) Minerals (4) Only carbohydrates
50. In androecium, anther produces.
(1) Ovary (2) Egg cell (3) Stigma (4) pollen grains
- (INTEGER)**
51. How many of the following food items are rich source of carbohydrates.
(i) Rice (ii) Wheat (iii) Pulses (iv) Cabbage
(v) Potato
52. Given below are the names of some animal. How many of them are omnivorous in nature –
Buffalo, deer, Lion, Tiger, Humans, Cow, Rat, Bear
53. Pea, Mango, Groundnut, Orange, Lemon
How many of these are single seeded fruit.
54. How many following pairs are correct?
(i) Carbohydrates – protect from disease
(ii) Proteins – help in body growth
(iii) Vitamins and minerals – give us energy
(iv) Roughage – get rid of waste product
(v) Fats – repair the body
55. How many of the following parts of potato are edible?
Flower, Fruit, Stem, Root

56. How many of the following are matched incorrectly ?
 (i) Cotyledon : Provide food to baby plant. (ii) Plumule : Develops into root.
 (iii) Seed coat : Protects the seed. (iv) Radicle : Develops into shoot.
57. How many among the following are correctly paired?
 (i) Vitamin A = Night blindness (ii) Vitamin B = rickets
 (iii) Vitamin D = Beri beri (iv) Vitamin C = Scurvy
58. How many of the following statements is are correct regarding small intestine ?
 (i) It is the longest part of alimentary canal.
 (ii) It produces bile juice.
 (iii) Absorption of nutrients takes place here.
 (iv) No digestion of food takes place here.
59. How many among the following are sources of spices?
 Coriander, Cumin, Mustard, Tomato, Cauliflower, Clove, Cardamom, Pumpkin
60. How many functions of the floral whorl's are incorrectly labeled?



MATHEMATICS
(OBJECTIVE)

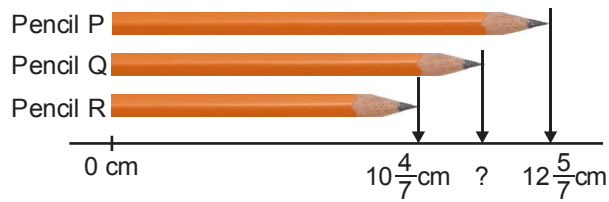
61. The line segments forming a polygon are called.....
 (1) Vertex (2) Sides (3) Angle (4) Curve
62. The below graphs show highest temperature of four cities on 2 days of the year. Look at the graphs the given below and answer the question.



What is the highest temperature of Delhi on 1st August?

- (1) 5°C (2) 10°C (3) 20°C (4) 25°C

63. The length of pencil Q is exactly half way between the lengths of pencil P and pencil R. What is the total length of pencil P, Q and R ?

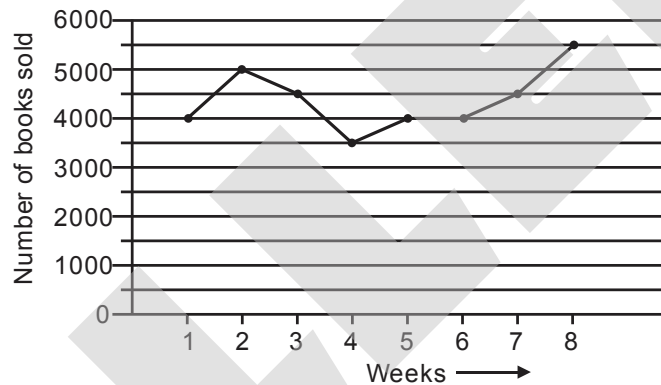


- (1) $19\frac{1}{14}$ cm (2) $34\frac{13}{14}$ cm (3) $11\frac{4}{7}$ cm (4) $10\frac{23}{14}$ cm

64. Evaluate $(-100) + (?) = -100$

- (1) -100 (2) 100 (3) 1 (4) 0

65. The given graph shows the number of books sold by Megha's book store in the first 8 weeks of the year.



What was the difference between number of books sold in 8th week and 7th week ?

- (1) 5500 (2) 4500 (3) 1000 (4) 2000

66. The price of 150g of bran oil is ₹ 30. What will be the price of 1 kg 350g of bran oil?

- (1) ₹ 240 (2) ₹ 300 (3) ₹ 330 (4) ₹ 270

67. The sale of mobile on different days of a week is shown below.

Day	Number of Mobile
Monday	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Tuesday	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Thursday	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Friday	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Saturday	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Sunday	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

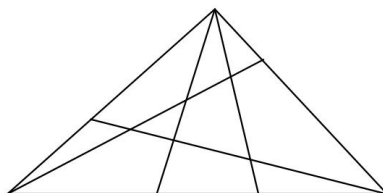
1 → 3 Mobiles

Observe the pictograph and answer the following question.

If one mobile was sold at the rate of Rs. 5000. What was the total sale on Saturday ?

- (1) Rs. 60,000 (2) Rs. 6000 (3) Rs. 20,000 (4) Rs. 12,000

68. How many pairs of vertically opposite angles are there in the following figure-

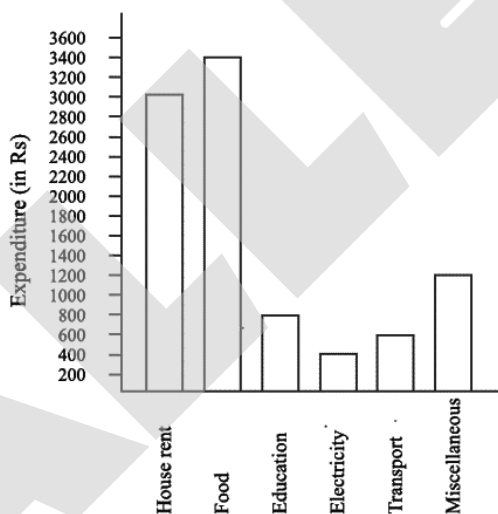


- (1) 16 (2) 24 (3) 10 (4) 12

69. 7 hours = _____ seconds.

- (1) 25200 (2) 25002 (3) 205200 (4) 420

70. The below bar graph shows the monthly expenditure of Raj on various household items:



Based on the graph above, how much does Raj spend on food and transport ?

- (1) Rs.3400 (2) Rs. 3800 (3) Rs. 4000 (4) Rs. 600

71. Fill in the box with >, < or = .

$$(-7) - 8 - (-25) \square 50 - (-40) - (-2)$$

- (1) > (2) < (3) = (4) Can't be determined

72. Mr. Mukherjee spends $\frac{2}{7}$ of his income on rent and $\frac{3}{5}$ on his food and other expenditures and the rest amount is saved. How much part of his income he saved?

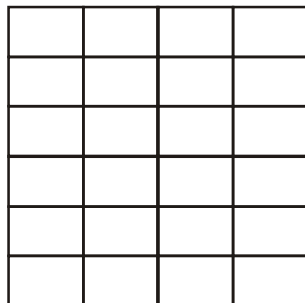
- (1) $\frac{4}{35}$ (2) $\frac{7}{35}$ (3) $\frac{3}{35}$ (4) $\frac{5}{35}$

73. An amount of Rs 25,662 is distributed equally among 26 workers in a factory. How much amount of money is received by each worker ?
(1) Rs 1000 (2) Rs 978 (3) Rs 987 (4) Rs 988
74. Rahul's Roll number is 79 in his class. How we can write it in Roman numeral?
(1) LXXIX (2) LXXXIX (3) LXXVIII (4) LXXIV
75. Find the perimeter of square having area 729 m².
(1) 27 m (2) 54m (3) 108 m (4) 81m
76. If two - fifth of a tank holds 60 litres of water, then the quantity of water that half of the tank holds _____.
(1) 30 Litres (2) 150 Litres (3) 75 Litres (4) 50 Litres
77. Observe the following table and tell that which blood group is the most common.

Blood groups	Number of students
A	9
B	6
O	12
AB	3
Total	30

- (1) A (2) B (3) O (4) AB
78. $415\frac{23}{100}$ expressed as decimals can be written as
(1) 415.023 (2) 415.23 (3) 41.523 (4) 4152.3
79. Find the difference between perimeter of a regular hexagon with side 10cm and a rectangle with length 5cm and breadth 4cm.
(1) 32cm (2) 42cm (3) 22cm (4) 20cm
80. Convert 7448 gms into kg.
(1) 7.448 kg (2) 74.48 kg (3) 744.8 kg (4) 0.7448 kg

81. There are 24 squares, each having side as 1 cm. How many rectangles can be made out of these 24 squares (using all the squares) joining them side by side. One such rectangle made up of 24 squares is shown below.



- (1) 4 (2) 6 (3) 8 (4) 10
82. What will be the labour charge for white washing a wall which has an area of 150 square metres, at the rate of Rs.3 per sq. metre?
(1) Rs. 450 (2) Rs. 150 (3) Rs. 93 (4) Rs. 186
83. Find the sum of LCM (12, 28) and HCF (12, 16).
(1) 84 (2) 88 (3) 28 (4) 40
84. $[(-16 \times 2) \div 32] \times [32 \div (-16 \times 2)] =$
(1) 1 (2) 32 (3) 16 (4) 256
85. The given table shows the charges for parking a car in a mall.

Time	Cost
8 a.m. - 5 p.m.	80 paise per half an hour
After 5 p.m.	₹ 2.15

Priya parked her car from 11.30 a.m. to 6.15 p.m. If she gave a ₹ 100 note to pay parking charges, then how much did she get back after payment ?

- (1) ₹ 80.30 (2) ₹ 80.95 (3) ₹ 85.85 (4) ₹ 89.05

(INTEGER)

86. $(-2) \times (-3) \times 6 \times (-1)$ is equal to _____.

87. Simplify : $5\frac{1}{6} - 3\frac{1}{4} + 3\frac{1}{3} + 4 - \frac{5}{4}$

88. A box contains 50 packets of biscuits each weighing 120 g. How many such boxes can be loaded in a van which cannot carry beyond 900 kg?
89. The product of the place values of two 2's in 587822 is _____.
90. Six square flower beds each of side 2m are dug on a piece of land 8m long and 4m wide. What is the area of the remaining part of the land?

91. By selling guava at the rate of Rs $3\frac{3}{4}$ per guava, a man gets Rs 420. How many guava did he sell?

92. The pictograph shows the number of oranges sold by a trader in three days.

Tuesday	○ ○ ○
Sunday	○ ○ ○ ○ ○
Monday	○ ○ ○ ○

Each ○ represent 25 oranges.

How many oranges sold on sunday?

93. $3\text{ h} / 40\text{ l} - 24\text{ da} / 3\text{ l} = \text{_____} \text{ l}.$

94. $\frac{(-8) \times 7 \times (-1) \times (-4) \times (7) \times (-8)}{16}$ equal to _____.

95. Answer the following question by reading the below pictograph.

Year	Number of book sale
2001	□ □ □ □ □
2002	□ □
2003	□ □ □
2004	□
2005	□ □ □ □ □ □

If each □ represent 100 books.

How many books were sold in the year 2004.

96. If a man had Rs. 500. He won a game and earn paise 5050 and then he played again and lost Rs. 70. How much money he left if the cost of game was Rs. 100 and with Rs. 100 he gets two chances to play.

97. Given table shows number of apples and oranges eaten by Raju.

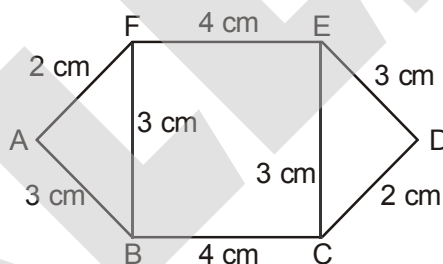
Day	Apples Eaten	Oranges Eaten
1st June	10	12
5th June	8	6
31st July	7	5
5th August	3	6
10th August	9	2

On how many days did Raju eat more than 6 oranges?

98. The number of sides in a octagon is

99. 10 cakes weight is 5kg and 500gm then find the weight of 20 cakes in kg.

100. The perimeter of the following figure is (in cm).



101. The simplified value of $(10.24 \div 1.6) \times 10$

102. Small peaches are for 20 paise each and large peaches are for 25 paise. Emily has Rs. 5 to spend on peaches. She decides to buy **only** small peaches or **only** large peaches. How many more small peaches than large peaches can she buy for Rs. 5?

103. A factory has a container filled with 3580 litres of cold drink. In how many bottles of 20 litres capacity each can it be filled?

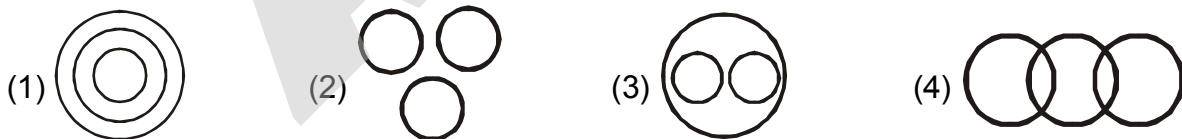
104. How many times the digit "3" occur in number from 1 to 100 ?

105. The sum of two integers is -35 , if one of them is 40, then what is the other integer ?

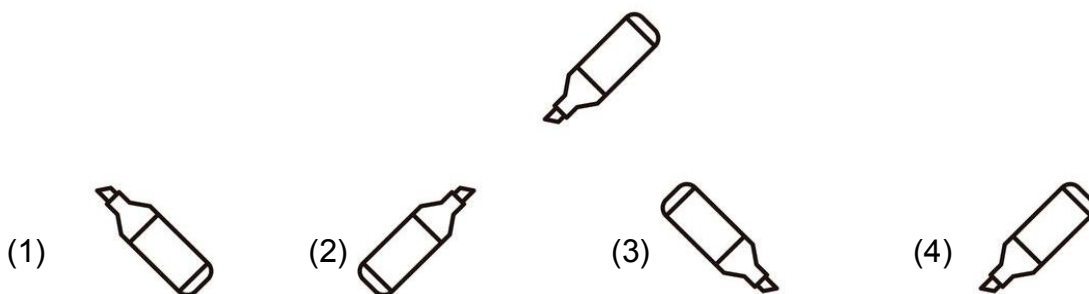
106. Mr. Raju sold 20 kg 50 g of sugar in a day. How much sugar(in kg) he sold in 6 days?
107. A pillar $7\frac{3}{4}$ m long was set $1\frac{1}{5}$ m in the ground. The length of the post above the pillar is $6\frac{M}{N}$ metre then find the value of N – M.
108. Alex has 24 bags of apples. In each bag there are 7 apples. She shares them equally amongst her 6 friends. How many apples do they each have?
109. The difference of L.C.M. and H.C.F. of the numbers 40,50 and 60 is equal to twice of another number. Find the number.
110. The area of a rectangular piece of cardboard is 156sqcm and its length is 13cm. What is the width (in cm) of the cardboard?

PART - II
IQ
(OBJECTIVE)

111. Arrange the following words as per order in the dictionary.
 1. Hale 2. Hake 3. Halt
 4. Hamlet 5. Ham
- (1) 2, 1, 3, 5, 4 (2) 2, 3, 5, 4, 1 (3) 2, 1, 4, 3, 5 (4) 1, 3, 5, 2, 4
112. Which of the following diagram represents correct logical venn diagram of Apple, Orange and Mango.



113. Find the mirror image of given figure.



114. If it is possible to make any meaningful word using the first, the third, the fifth and the ninth letters of the word 'FRAGRANCE' only once, which of the following will be second letter of the word? If no such word can be made, give 'Y' as the answer and if more than one such words can be made give 'Z' as the answer.

- (1) A (2) Y (3) Z (4) E

115. Choose the correct water image of the given figure (X) from amongst the four alternatives.

R E C R U I T
(X)

- (1) RECRUIT (2) TIRUCEA (3) TIRUCEA (4) RECRUIT

116. Find the mirror image of ALLIGATION.

- (1) NOIIVGITTIV (2) NOIITADLLIA (3) VITICVATION (4) VILICAIION

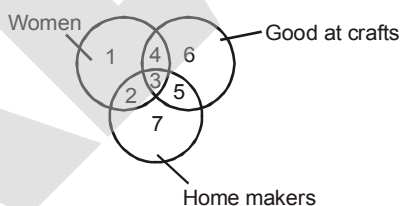
117. In a college, 200 students are randomly selected. 140 like tea, 120 like coffee and 80 like both tea and coffee and 20 does not like any of two. How many like only Tea?

- (1) 120 (2) 60 (3) 140 (4) 20

118. If in the word 'EQUANIMITY' if all the letters are arranged in alphabetical order from right to left end then position of how many alphabet(s) will remain unchanged?

- (1) One (2) Two (3) Three (4) Four

119. Which number in the given Venn diagrams indicates among Women, Home makers who are good at crafts.



- (1) 2 (2) 4 (3) 3 (4) 5

120. Find the mirror image of the given figure (X).



(X)

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

121. Find water Image of MAINS

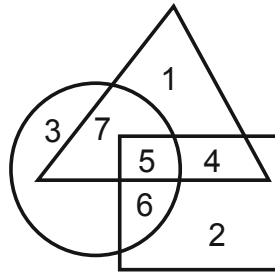
- (1) MAINS (2) MAINS (3) MAINS (4) MAINS

122. Write the position value of alphabet letter, that will continue the following series:-

(A,Z), (B,Y), (C,X), (D,W), (? ,V)

- (1) 5 (2) 6 (3) 7 (4) 10

123. Study the following figure and answer the questions given below.



- Trained nurses
- Married population
- Nurses in hospital

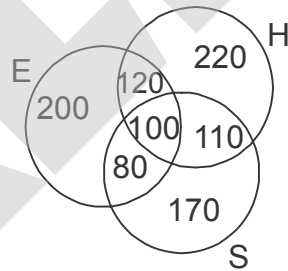
If hospital management requires only married trained nurses who work in hospital, which part of diagram should be chosen by him?

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

124. Arrange the given words in alphabetical order and tick the one that comes last.

- (1) Illustration (2) Illustrate (3) Illiterate (4) Illusion

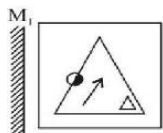
125. A result of a survey of 1000 persons with respect to their knowledge of Hindi (H), English (E) and Sanskrit (S) is given below. Write the answer of the following question based on that data.



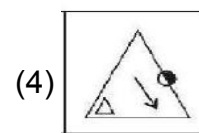
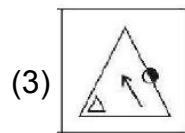
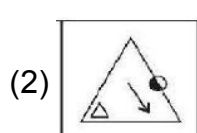
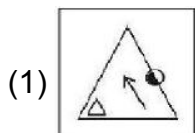
What is sum of number of persons who have knowledge of Sanskrit only and hindi only ?

- (1) 100 (2) 110 (3) 390 (4) 420

126. Find the mirror image of the given figure (X).



(X)



127. Find the water image of the given word.

drain

?

- (1) q l e i u (2) q l s i u (3) q l a i u (4) q l s i u

128. Find the missing number.

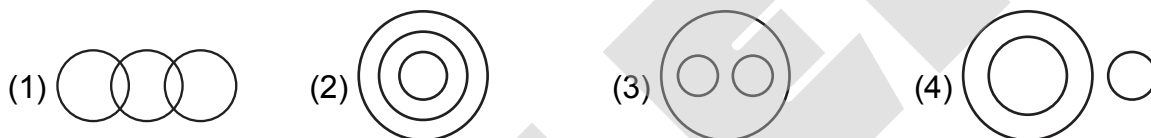
41, 47, 59, 65, ?

- (1) 71 (2) 77 (3) 79 (4) 83

129. Arrange the following words according to the English dictionary:

- (1) Weight (2) West (3) Write (4) White (5) Work
(1) 2, 1, 4, 5, 3 (2) 1, 2, 4, 3, 5 (3) 1, 2, 4, 5, 3 (4) 2, 1, 4, 3, 5

130. Identify the diagram that best represents the relationship among the classes given below :
Liquids, Milk, River Water



131. Choose the perfect venn diagram relation

Clock, Dial, Stereo



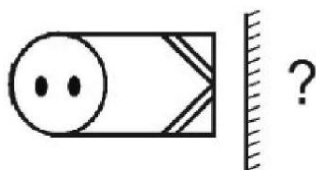
132. Find the water image of :

6 7 1

?

- (1) 9 7 1 (2) e 7 1 (3) e 7 1 (4) e 7 1

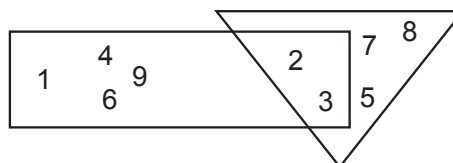
133. Find the mirror image of the given figure.



134. Which word will come at the last if all of them are arranged alphabetically as in a dictionary?
 A. Apology B. Branch C. Antigen
 D. Antique E. Antipathy
 (1) Antigen (2) Apology (3) Branch (4) Antipathy

135. Read the clues to find the secret number.

- It is not an even number
- It is in the triangle
- It is in the rectangle



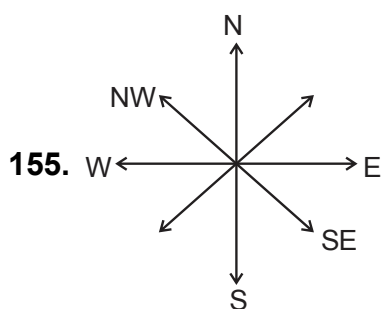
What number is it ?

- (1) 2 (2) 4 (3) 3 (4) 5

(INTEGER)

136. In a certain code, 'LUTE' is written as 'MUTE' and 'GATE' is written as HATE, If all the alphabetical position of the code for 'BLUE' will be added then what will be its value.
137. A clock shows 3'O clock time. Hour hand is showing South. Minute hand is showing East the angle between both hands is _____ degree.
138. Write the sum of digit of number that will complete the following series _____
 787, 897, 1007 1117, _____
139. Five persons Rahim, Karim, Shyam, Mohan and Tilak are sitting in a row. Shyam is 2nd left of 'Karim" and at the left end of the row. Rahim is not the neighbour of Karim. Mohan is neighbour of Shyam. Then how many persons are sitting between Rahim and Karim ?
140. If 'dust' is called 'air', 'air' is called 'fire', 'fire' is called 'water', 'water' is called 'colour', 'colour' is called 'rain', and 'rain' is called 'dust', then where do fish live ?(Answer the question by counting the number of letters in the word)
141. Y is in the East of X which is in the North of Z. If P is in the South of Z, then in which direction of Y, is P(if '100' denotes North-west, '200' denotes North-East, '300' denotes South-East and '400' denotes South-west)?
142. Write the sum of position value of letter of letter group, that will complete the following series:-
 AZ, BY, CX, DW, _____
143. Five person Rahim, Karim, Shyam, Mohan and Tilak are sitting in a row. Shyam is 2nd left of 'Karim" and at the left end of the row. Rahim is not the neighbour of Karim. Mohan is neighbour of Shyam. Then how many persons are to the left of Karim ?
144. If E is coded as 22, J is coded as 17, then What is the code of T?

145. Find the missing term
-9, -3, 9, 27, ?
146. A person walks facing north 10 m and then he turns left and walks 5m. He again turns left and walks 10 m. How far is he from his starting position.
147. A group of five person are standing in a row facing the same direction. Person 'C' is standing between T and R. L and M are standing at the end of row. Person M is at the right most end. T is neighbour of M, then :-
How many person's are there between L and M.
148. A boy is facing North-West. He turns 90° in the clockwise direction, then _____ degree in anti-clockwise direction. He is facing west.
149. Find the missing term in the given series:
4, 9, 25, 49, ?
150. If AM = 113, NO = 1415, PUT = 162120 then code for IT is _____.
151. Pawan starts from a point A, walks 9 km west then turns right and walks 5 km. Total distance covered is _____ km.
152. Find the missing term in the given series:
510, 500, 480, 450, ?
153. A, P, R, X, S and Z are sitting in a row. S and Z are in the centre. A and P are at the ends. R is sitting to the left of A. Z is to the right of S.
What is X position from left?
154. If in a certain language, 'oka peru', means 'fine cloth', 'meta lisa' means 'clear water' and 'dona lisa peru' means 'fine clear weather', which word in that language means 'weather'? (answer 1 for 'oka', answer 3 for 'peru', answer 5 for 'meta', answer 7 for 'lisa', answer 9 for 'dona')



A boy faces SE & turns _____ degree to face NW.

156. Find the missing term in the given series:
17, 19, 23, 29, 37, ?
157. A group of five person are standing in a row facing the same direction. Person 'C' is standing between T and R. L and M are standing at the end of row. Person M is at the right most end. T is neighbour of M, then :-
How many person are standing to the right of L ?
158. If $E = 5$, $TAP = 320$, $OR = 270$, then $IN =$ _____
159. Find the missing term
2, 7, 17, 32, 52, ?
160. A boy rode his bicycle Northward, then turned left and rode 1 km and again turned left and rode 2 km. He found himself 1 km west of his starting point. How far did he ride northward initially?

* * * * *

ANSWER KEY

Que.	1	2	3	4	5	6	7	8	9	10
Ans.	4	2	4	3	2	1	4	3	3	4
Que.	11	12	13	14	15	16	17	18	19	20
Ans.	3	6	7	2	2	4	4	0	4	2
Que.	21	22	23	24	25	26	27	28	29	30
Ans.	2	1	2	4	1	2	4	2	1	2
Que.	31	32	33	34	35	36	37	38	39	40
Ans.	2	6	6	2	3	3	4	2	3	3
Que.	41	42	43	44	45	46	47	48	49	50
Ans.	3	4	4	2	4	4	2	2	1	4
Que.	51	52	53	54	55	56	57	58	59	60
Ans.	3	3	1	2	1	2	2	2	5	2
Que.	61	62	63	64	65	66	67	68	69	70
Ans.	2	2	2	4	3	4	1	3	1	3
Que.	71	72	73	74	75	76	77	78	79	80
Ans.	2	1	3	1	3	3	3	2	2	1
Que.	81	82	83	84	85	86	87	88	89	90
Ans.	1	1	2	1	4	-36	8	150	40	8
Que.	91	92	93	94	95	96	97	98	99	100
Ans.	112	125	97	784	100	380.5	1	8	11	18
Que.	101	102	103	104	105	106	107	108	109	110
Ans.	64	5	179	20	-75	120.3	9	28	295	12
Que.	111	112	113	114	115	116	117	118	119	120
Ans.	1	2	3	3	1	2	2	2	3	1
Que.	121	122	123	124	125	126	127	128	129	130
Ans.	2	1	3	1	3	1	2	2	3	3
Que.	131	132	133	134	135	136	137	138	139	140
Ans.	1	2	2	3	3	41	90	12	1	6
Que.	141	142	143	144	145	146	147	148	149	150
Ans.	400	27	2	7	51	5	3	135	121	920
Que.	151	152	153	154	155	156	157	158	159	160
Ans.	14	410	2	9	180	47	4	126	77	2