

Roll No.:

Maximum Marks: 300

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Maximum Time: 90 (+30) minutes

CLASS

5

**INSTRUCTIONS FOR CANDIDATE**

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**Section I:** Multiple Intelligence Test (40 questions)  
**Section II:** Scholastic Aptitude Test (100 questions)  
Questions in Section I do not carry any marks whereas questions in Section II carry 3 marks each.
2. Duration for Section II of this test shall be 90 minutes. You will get additional 30 minutes to fill up information about yourself on the Answer Sheet and answer questions of Section I before start of the exam.
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4. Rank will be provided on the basis of Section II. Multiple Intelligence Report shall be provided on the basis of Section I.
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12. Write your Roll No. on the Question Paper too.
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INDIAN INTELLIGENCE™ TEST



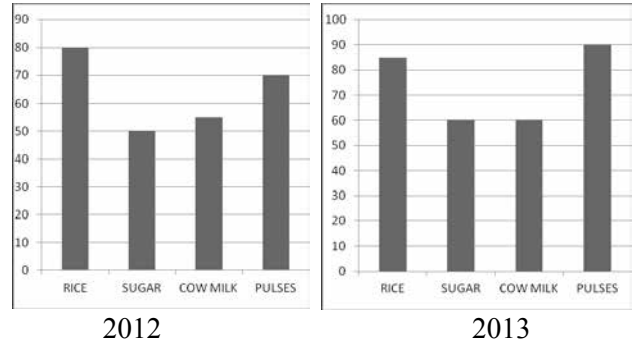
An Innovative Aptitude Test

**SAMPLE PAPER****Confusion का  
Smart Solution**

16. If the volume of a cuboid =  $840 \text{ cm}^3$ , length = 15 cm and height = 4 cm, the breadth of the cuboid is  
 (A) 14 cm (B) 15 cm  
 (C) 16 cm (D) None of these
17. Rohit buys 20 balloons at 1 rupee each. He sells the balloons at 2 rupee each. How much profit does he make by selling all the 20 balloons?  
 (A) 30 (B) 20  
 (C) 40 (D) 10
18. Shiva has only 10 Rs with him. He goes to a shop to buy candies. One candy costs 3 rupees. How many candies can Shiva buy?  
 (A) 3 (B) 4  
 (C) 5 (D) 6
19. The perimeter of a regular pentagon is 100m. How long is its each side?  
 (A) 400m (B) 20m  
 (C) 500 m (D) 50m
20. LCM of two numbers is 445 and their HCF is 65. The numbers can be:  
 (A) 2,225, 13  
 (B) 1,157, 25  
 (C) Both (A) & (B)  
 (D) None of these
21. Equivalent fraction of  $\frac{1}{6}$  is  
 (A)  $\frac{5}{30}$  (B)  $\frac{12}{72}$   
 (C)  $\frac{30}{180}$  (D) All of these
22. A ray has:  
 (A) two end points  
 (B) no end points  
 (C) only one end point  
 (D) None of these
23. What percent of 1 hour is 15 minutes?  
 (A) 50% (B) 15%  
 (C) 75% (D) 25%
24. Billy ate  $\frac{2}{3}$  pizzas and John ate  $\frac{5}{12}$  pizzas. How much more pizza did John eat than Billy?  
 (A)  $\frac{2}{3}$  (B)  $\frac{5}{12}$   
 (C)  $\frac{1}{4}$  (D)  $\frac{7}{12}$
25.  $2175 \text{ ml} = \underline{\hspace{2cm}}$  l(liter)  
 (A) 217.5  
 (B) 21.75  
 (C) 2.175  
 (D) None of these

26. Number of divisions on Fahrenheit scale are:  
 (A) 200  
 (B\*) 180  
 (C) 100  
 (D) 90

27. The following two graph shows prices of some goods in two consecutive years.



Which item showed the highest price increase from 2012 to 2013?

- (A) Sugar  
 (B) Rice  
 (C) Cow Milk  
 (D) Pulses
28. Average of three person's age is 9 years. Find the sum of their age.  
 (A) 18  
 (B) 21  
 (C) 24  
 (D) 27
29. Disha was playing poker since 2 hours 13 minutes. She had started playing at 12:35 p.m. What time is it now?  
 (A) 10:22 a.m.  
 (B) 10:22 p.m.  
 (C) 2:48 a.m.  
 (D) 2:48 p.m.
30. Total number of vehicles in a metropolitan city was 12,49,603 in the year 2006 and 13,59,723 in the year 2007. How many more vehicles were in the city in 2007 than in 2006?  
 (A) 1,10,130  
 (B) 1,10,120  
 (C) 1,10,150  
 (D) 1,10,170

## QUESTIONS 31 TO 60: SCIENCE

31. Tea and coffee grow in  
(A) Hills  
(B) Plains  
(C) Desert  
(D) None
32. Which of these are known as producers?  
(A) Animals  
(B) Microorganisms  
(C) Green plants  
(D) None of these
33. Coal is an example of which type of rock?  
(A) Sedimentary  
(B) Igneous  
(C) Metamorphic  
(D) None of these
34. Living part of the ecosystem consists of  
(A) Rocks  
(B) Air  
(C) Animals  
(D) Soil
35. The mouth parts of the butterflies help them to suck  
(A) Water  
(B) Nectar  
(C) Blood  
(D) Sugar
36. A lunar eclipse always occurs on a \_\_\_\_\_  
(A) half moon night  
(B\*) full moon night  
(C) new moon night  
(D) crescent moon night
37. Our heart beats ..... times a minute.  
(A) 62  
(B) 72  
(C) 82  
(D) 92
38. Which of these planets is called Red planet?  
(A) Venus  
(B) Mercury  
(C) Mars  
(D) Jupiter
39. Which planet is called the morning star?  
(A) Mercury  
(B) Venus  
(C) Uranus  
(D) Neptune
40. Pumice is an example of which type of rock?  
(A) Sedimentary  
(B) Igneous  
(C) Metamorphic  
(D) None of these
41. To vaccinate is to  
(A) Build the body's resistance  
(B) Injecting bacteria which produce antibodies  
(C) Both  
(D) None
42. Waste developed from obsolete DVDs, CDs and Floppies etc. is called  
(A) E-Waste  
(B) F-Waste  
(C) G-Waste  
(D) Garbage
43. In 1992 the earth summit was held in  
(A) Delhi  
(B) Mexico  
(C) Rio de Janeiro  
(D) Doha
44. Dissolved substances can be separated from water by.  
(A) Evaporation  
(B) Sedimentation  
(C) Decantation  
(D) Filtration
45. A pull or push is called  
(A) Pressure  
(B) Force  
(C) Energy  
(D) Heat
46. Scissor is the example of  
(A) First class lever  
(B) Second class lever  
(C) Third class lever  
(D) Pulley
47. The weight of an object in water is called  
(A) Mass  
(B) Specific gravity  
(C) Apparent weight  
(D) Null
48. Poisonous teeth of snakes are called  
(A) Milk teeth  
(B) Fang  
(C) Ivory  
(D) None of these

49. Which animal is said to be loyal to humans?  
 (A) Elephant  
 (B) Leopard  
 (C) Dog  
 (D) None of these
50. \_\_\_\_\_ found out that the up thrust is always equal to the weight of the water displaced.  
 (A) Isaac Newton  
 (B) Archimedes  
 (C) Graham Bell  
 (D) Albert Einstein
51. The study of earthquake is called  
 (A) Geology  
 (B) Hydrology  
 (C) Seismology  
 (D) Ecology
52. We breathe in oxygen and give out carbon dioxide with the help of.  
 (A) Respiratory system  
 (B) Digestive system  
 (C) Circulatory system  
 (D) Nervous system
53. Snakes move with the help of  
 (A) Limbs  
 (B) Wriggling movements  
 (C\*) Plates on the lower side  
 (D) Legs
54. Matter is found in  
 (A) 1 state  
 (B) 2 states  
 (C) 3 states  
 (D) 5 states
55. A low lying open area where solid garbage is thrown  
 (A) River  
 (B) Drains  
 (C) Landfill  
 (D) Pond
56. Total lunar eclipse occurs on  
 (A) Full moon  
 (B) New moon  
 (C) No moon  
 (D) None of these
57. Which one is a natural satellite?  
 (A) Moon  
 (B) Sputnik  
 (C) Aryabhata  
 (D) Apollo
58. The point of support on the lever that does not move is called \_\_\_\_\_  
 (A) load  
 (B) fulcrum  
 (C) weight  
 (D) simple machine
59. Roughage helps in  
 (A) in preventing infectious diseases  
 (B) in providing energy to body  
 (C) in growing our body.  
 (D) in pushing food through stomach and intestine
60. A \_\_\_\_\_ lens is used as a magnifying glass.  
 (A) Convex  
 (B) Concave  
 (C) Bioconvex  
 (D) Bioconcave

## QUESTIONS 61 TO 80: LOGICAL REASONING

61. In the series 2, 6, 18, 54, ..... what will be the 8th term?  
 (A) 4370                      (B) 4374  
 (C) 7443                      (D) 7434
62. 6, 11, 21, 36, 56, ?  
 (A) 42                              (B) 51  
 (C) 81                              (D) 91
63. Architect : Building :: Sculptor : ?  
 (A) Museum  
 (B) Stone  
 (C) Chisel  
 (D) Statue
64. Eye : Myopia :: Teeth : ?  
 (A) Pyorrhoea  
 (B) Cataract  
 (C) Trachoma  
 (D) Eczema
65. Choose the word which is different from the rest.  
 (A) Curd                              (B) Butter  
 (C) Oil                                (D) Cheese
66. Choose the word which is different from the rest.  
 (A) Calendar                      (B) Year  
 (C) Date                              (D) Month

67. Arun said, "This girl is the wife of the grandson of my mother." Who is Arun to the girl?  
 (A) Father  
 (B) Grandfather  
 (C) Husband  
 (D) Father-in-law
68. A woman introduces a man as the son of the brother of her mother. How is the man, related to the woman?  
 (A) Nephew  
 (B) Son  
 (C) Cousin  
 (D) Uncle to Grandson
69. If South-East becomes North, North-East becomes West and so on. What will West become?  
 (A) North-East  
 (B) North-West  
 (C) South-East  
 (D) South-West
70. A person walks towards West after a while he turns to his left and little further to his right. In which direction is he moving now?  
 (A) north  
 (B) South  
 (C) East  
 (D\*) West
71. In following alphabet series, one term missing as shown by question mark. Choose missing term from options.  
 A, B, D, G, ?  
 (A) M  
 (B) L  
 (C) K  
 (D) H
72. In following alphabet series, one term missing as shown by question mark. Choose missing term from options.  
 AZ, GT, MN, ?, YB  
 (A) KF  
 (B) RX  
 (C) SH  
 (D) TS
73. If in a certain language, MADRAS is coded as NBESBT, how is BOMBAY coded in that code?  
 (A) CPNCBX  
 (B) CPNCBZ  
 (C) CPOCBZ  
 (D) CQOCBZ
74. In a certain code, TRIPPLE is written as SQHOOKD. How is DISPOSE written in that code?  
 (A) CHRONRD  
 (B) DSOESPI  
 (C) ESJTPTF  
 (D) ESOPSID
75. In the English alphabet, which letter will be to the immediate left of M?  
 (A) N  
 (B) L  
 (C) O  
 (D) K
76. H D Y S M W N B Q P O C R T B L Z  
 V E G U F  
 Which two neighbours in the given arrangement are farthest in the alphabetical order?  
 (A) B and Q  
 (B) D and Y  
 (C) U and F  
 (D) V and E
77. If  $\times$  stands for 'addition',  $\div$  stands for 'subtraction',  $+$  stands for 'multiplication' and  $-$  stands for 'division', then  $20 \times 8 \div 8 - 4 + 2 = ?$   
 (A) 80  
 (B) 25  
 (C) 24  
 (D) 5
78. Ashish is heavier than Govind. Mohit is lighter than Jack. Pawan is heavier than Jack but lighter than Govind. Who among them is the heaviest?  
 (A) Govind  
 (B) Jack  
 (C) Pawan  
 (D) Ashish
79. Choose the alternative which is closely resembles the mirror image of the given word.  
**REASONING**  
 (A) REASONING (B) REASONING  
 (C) REASONING (D) REASONING
80. Choose the alternative which is closely resembles the mirror image of the given combination.  
**DL9CG4728**  
 (A) DL9CG4728 (B) DL9CG4728  
 (C) DL9CG4728 (D) DL9CG4728

## QUESTIONS 81 TO 100: GENERAL KNOWLEDGE

81. Grand Central Terminal, Park Avenue, New York is the world's  
(A) largest railway station  
(B) highest railway station  
(C) longest railway station  
(D) None of the above
82. FFC stands for  
(A) Foreign Finance Corporation  
(B) Film Finance Corporation  
(C) Federation of Football Council  
(D) None of the above
83. Epsom (England) is the place associated with  
(A) Horse racing  
(B) Polo  
(C) Shooting  
(D) Snooker
84. Galileo was an Italian astronomer who  
(A) developed the telescope  
(B) discovered four satellites of Jupiter  
(C) discovered that the movement of pendulum produces a regular time measurement  
(D) All of the above
85. Federation Cup, World Cup, Allywyn International Trophy and Challenge Cup are awarded to winners of  
(A) Tennis  
(B) Volleyball  
(C) Basketball  
(D) Cricket
86. Each year World Red Cross and Red Crescent Day is celebrated on  
(A) May 8  
(B) May 18  
(C) June 8  
(D) June 18
87. Friction can be reduced by changing from  
(A) sliding to rolling  
(B) rolling to sliding  
(C) potential energy to kinetic energy  
(D) dynamic to static
88. Fire temple is the place of worship of which of the following religion?  
(A) Taoism  
(B) Judaism  
(C) Zoroastrianism  
(D) Shintoism
89. Guru Gobind Singh was  
(A) the 10th Guru of the Sikhs  
(B) founder of Khalsa, the inner council of the Sikhs in 1699  
(C) Author of Dasam Granth  
(D) All the above
90. Ecology deals with  
(A) Birds  
(B) Cell formation  
(C) Relation between organisms and their environment  
(D) Tissues
91. Golden Temple, Amritsar is India's  
(A) largest Gurdwara  
(B) oldest Gurudwara  
(C) Both option A and B are correct  
(D) None of the above
92. For seeing objects at the surface of water from a submarine under water, the instrument used is  
(A) kaleidoscope  
(B) periscope  
(C) spectroscope  
(D) telescope
93. Fathometer is used to measure  
(A) Earthquakes  
(B) Rainfall  
(C) Ocean depth  
(D) Sound intensity
94. Who is known as the 'Lady with the Lamp'?  
(A) Florence Nightingale  
(B) Sarojini Naidu  
(C) Indira Gandhi  
(D) Joan of Arc
95. The intersecting lines drawn on maps and globes are  
(A) latitudes  
(B) longitudes  
(C) geographic grids  
(D) None of the above
96. The island of Sri Lanka formerly known as  
(A) Madagascar  
(B) Tasmania  
(C) Ceylon  
(D) None of the above

97. The National Anthem was first sung in the year

- (A) 1911
- (B) 1913
- (C) 1936
- (D) 1935

99. Who developed Yahoo?

- (A) Dennis Ritchie & Ken Thompson
- (B) David Filo & Jerry Yang
- (C) Vint Cerf & Robert Kahn
- (D) Steve Case & Jeff Bezos

98. The minimum age required to become the prime minister of India is

- (A) 25 years
- (B) 30 years
- (C) 40 years
- (D) 35 years

100. The ratio of width of our National flag to its length is

- (A) 3:5
- (B) 2:3
- (C) 2:4
- (D) 3:4

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### **ROUGH WORK**

# ROUGH WORK

  
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An Innovative Aptitude Test

**SEASON 8**

Knowledge Partner



School of Engineering

•AMRITAPURI •BENGALURU  
•CHENNAI •COIMBATORE

**Confusion का  
Smart Solution**

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INDIAN INTELLIGENCE™ TEST



An Innovative Aptitude Test

**SAMPLE PAPER****Confusion का  
Smart Solution**



**DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO**

Roll No.:

Maximum Marks: 180

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Maximum Time: 90 (+30) minutes

CLASS

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INDIAN INTELLIGENCE TEST™



An Innovative Aptitude Test

SEASON 10

Knowledge Partner



Amaravati | Amritapuri | Bengaluru | Chennai  
Coimbatore | Faridabad

**IDENTIFYING  
THE RIGHT CAREER**

**INSTRUCTIONS FOR CANDIDATE**

**General Instructions for Candidates**

1. Read all instructions carefully. This Question Paper comprises of two sections:  
Section I: Multiple Intelligence Test (40 questions) [20 minutes]  
Section II: Scholastic Aptitude Test (60 questions) [90 minutes]
2. Write Your Roll Number on the box provided above and in OMR Sheet.
3. 10 Min will be provided to fill the OMR Sheet before the start of Exam.
4. Students must fill all the personal details carefully in the OMR Sheet
5. Read all the instruction on OMR sheet as well before start of exam.

**Instructions for Section I**

1. Students will be allocated maximum of 20 min to complete this section.
2. Questions in Section I do not carry any marks.
3. Answering all questions in Section I is compulsory.
4. You need to answer all the question in this section, truthfully based on your preference. fake responses will lead to misinterpretation of your intelligence type.
5. Multiple Intelligence Report shall be provided on the basis of Section I.

**Instructions for Section II**

1. Students will be allocated maximum of 90 min to complete this section.
2. Question in Section II carry 3 Marks Each.
3. Answering all questions is not compulsory in Section II.
4. For each correct answer student will be awarded 3 marks and for each incorrect answers, 1 mark would be deducted.
5. For unanswered questions, no mark would be awarded or deducted.
6. Rank will be provided on the basis of Section II.
7. Use of calculator, mobile phones or log tables is not permitted.
8. There is only ONE correct answer. Choose only ONE option for an answer.
9. Fill the required details clearly on Answer (OMR) Sheet & do not overwrite.
10. Rough work should be done in the blank space provided on the last page.
11. Return both Answer & Question sheet to the invigilator at the end of the exam.
12. Any use of unfair means in the test will result in termination of the candidate.

**Instructions for filling OMR Sheet**

1. Fill the OMR sheet using HB Pencil only.
2. To mark your choice of answers, Darken the circles completely in the Answer (OMR) Sheet corresponding to the question you are answering.
3. Darken only one circle, and keep rest of the sheet clean.
4. In case if wrong circle is darkened, completely erase the markings.
5. Ensure all personal details are filled in OMR Sheet before starting the exam.

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## MULTIPLE INTELLIGENCE TEST

## SECTION-II

## APTITUDE TEST

▶ MATHEMATICS

▶ SCIENCE

▶ LOGICAL REASONING

▶ GENERAL KNOWLEDGE

## MULTIPLE INTELLIGENCE TEST

**Section I: Multiple Intelligence Test**

**Directions :** (1 to 35) These are general statements. You have to mark options A, B, C or D in the OMR sheet as per your preference.

**A = Mostly Disagree****B = Slightly Disagree****C = Slightly Agree****D = Mostly Agree**

1. I can play a musical instrument.
2. I often have a song or piece of music in my head.
3. I find it easy to make up stories.
4. I have always been very coordinated.
5. Music is very important to me.
6. When I tell a lie it's very convincing.
7. I play a sport or dance.
8. I am a very social person and like being with other people.
9. I find graphs and charts easy to understand.
10. I find it easy to remember quotes or phrases.
11. I can always recognize places that I have been before, even when I was very young.
12. When I am concentrating I tend to draw pictures.
13. I find mental arithmetic easy.
14. At school one of my favourite subjects is / was English.
15. I like to think through a problem carefully, considering all the consequences.
16. I love physical sports and scary rides.
17. I enjoy individual sports best.
18. I find it easy to remember telephone numbers.
19. I set myself goals and plans for the future.
20. I can tell easily whether someone likes me or dislikes me.

21. To learn something new, I need to just get on and try it.
22. I often see clear images when I close my eyes.
23. I don't use my fingers when I count.
24. At school I loved / love music lessons.
25. I find ball games easy and enjoyable.
26. My favourite subject at school is / was Maths.
27. I always know how I am feeling.
28. I keep a diary.
29. My favourite subject at school was / is Art/ Drawing.
30. I find pleasure in reading.
31. It upsets me to see someone cry and not be able to help.
32. I prefer team sports.
33. Singing makes me feel happy.
34. I am happy spending time alone.
35. My friends always come to me for emotional support and advice.

**Directions :** (36 to 40) These are general statements. You have to mark options A, B, C or D in the OMR sheet as per your preference.

**A = Very Frequently****B = Occasionally****C = Rarely****D = Very Rarely**

36. I use computer.
37. I use internet for studies.
38. I play games on computer.
39. I watch movies on computer.
40. I wish to use computers for overall knowledge enhancement.

## SECTION-II : SCHOLASTIC APTITUDE

### QUESTIONS 1 TO 20: MATHEMATICS

1. Find the correct number name for 1,24,372:  
A) Twelve lakh forty-three hundred seventy two  
B) One lakh twenty four thousand three hundred seventy two  
C) One lakh twenty four thousand three seventy two  
D) Twelve lakh four thousand three hundred seventy two
2. Are all prime numbers odd?  
A) Yes  
B) No  
C) May be  
D) Both (A) & (B)
3. An arc is:  
A) Any part of the radius  
B) Any part of the diameter  
C) Any part of a chord  
D) Any part of the circumference
4. A triangle is called \_\_\_\_\_ triangle, if all its sides are equal?  
A) Like triangle  
B) Equivalent triangle  
C) Same triangle  
D) Equilateral triangle
5. A polygon is a \_\_\_\_\_.  
A) Closed shape with any number of straight sides.  
B) Closed shape with curved lines.  
C) Open shape with two straight sides.  
D) Closed shape with both straight and curved sides.
6. The sum of all the angles of a quadrilateral is:  
A) 360 degree  
B) 180 degree  
C) 90 degree  
D) None of these
7.  $79.9 \times (100.1 \times 0) =$   
A) 79.900  
B) 799.100  
C) 0  
D) 79.190
8. What is the amount whose 25% is Rs. 75 ?  
(A) Rs. 240  
(B) Rs. 18.75  
(C) Rs. 450  
(D) Rs. 300
9. The diameter of a circle whose radius is 7 cm is  
A) 21 cm  
B) 44 cm  
C) 3.5 cm  
D) 14 cm
10. Pushpa took a book to read which had 180 pages. However, she read only one third of the book. Find out how many pages were still unread?  
A) 100  
B) 80  
C) 120  
D) 60
11. Find the least number which is divisible exactly by the number 6, 9 and 12.  
A) 36  
B) 24  
C) 18  
D) None of these
12. Two wires are 12m and 16m long. The wires are to be cut into pieces of equal length. Find the maximum length of each piece.  
A) 3m.  
B) 2m.  
C) 4m.  
D) 10m.
13. If one Basketball costs Rs. 399, what will be the cost of five Basketballs?  
A) 1990  
B) 1995  
C) 2000  
D) 1595
14. Which of the following has the least value?  
A) 5 hundred thousand  
B) 5 ten thousands  
C) 5 thousand  
D) 5 hundred
15. 51 hundred, 35 tens, and 4 ones are equal to :  
A) 5,454  
B) 51,354  
C) 51,540  
D) 4554
16. 85 Rupees = ..... paise?  
A) 8000  
B) 8500  
C) 8050  
D) 8005
17. Which number is 1000 more than 7, 23,907?  
A) 8,23,907  
B) 7,33,907  
C) 7,24,907

- D) 7,24,007
18. How many corners a football have?  
 (A) 20  
 (B) 60  
 (C) 40  
 (D) 90
19. There are 32 students in a class. Half of them are girls. Find the number of boys in the class.  
 (A) 18  
 (B) 20  
 (C) 22  
 (D) 16
20. Calculate the area of the rectangle.  
 (A) 28 sq. cm.  
 (B) 22 sq. cm.  
 (C) 49 sq. cm.  
 (D) 56 sq. cm.

### Questions 21 to 40: Science

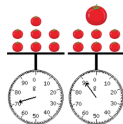
21. The control centre of the human body is-  
 (A) Heart  
 (B) Brain  
 (C) Liver  
 (D) Kidney
22. Mono sexual flowers contain only \_\_\_\_\_  
 (A) Stamen  
 (B) Petal  
 (C) Sepal  
 (D) Root
23. \_\_\_\_\_ is done when a force moves an object through some distance.  
 (A) Work  
 (B) Energy  
 (C) Force  
 (D) All of these
24. Which energy is used by plants?  
 (A) Sun Light  
 (B) Chemical  
 (C) Heat  
 (D) Sound
25. Matter has \_\_\_\_\_.  
 (A) Area  
 (B) Weight  
 (C) Volume  
 (D) All of these
26. Reflex action is an \_\_\_\_\_ reaction?  
 (A) Autonomous  
 (B) Automatic

- (C) Mechanized  
 (D) Involuntary
27. Machines are things that make your work?  
 (A) Easier  
 (B) Faster  
 (C) Both  
 (D) None of these
28. In hospitals and other places, inclined planes called-  
 (A) Ramp  
 (B) Slope  
 (C) Foot Path  
 (D) All of these
29. Small harmful living things are called-  
 (A) Bacteria  
 (B) Germs  
 (C) Both  
 (D) None of these
30. The germs attack your teeth and form small holes called-  
 (A) Cavities  
 (B) Spots  
 (C) Marks  
 (D) Holes
31. Metals, glass and plastic are-  
 (A) Biodegradable  
 (B) Non-Biodegradable  
 (C) Renewable  
 (D) Non-Renewable
32. Small organism present in the soil convert biomass to-  
 (A) Manure (B) Fertilizers  
 (C) Both (D) None
33. Plants need \_\_\_\_\_ for photosynthesis  
 (A) Sunlight  
 (B) Water  
 (C) Carbon dioxide  
 (D) All of these
34. Animals that eat plants exclusively are called-  
 (A) Carnivores  
 (B) Herbivores  
 (C) Omnivores  
 (D) All of the above
35. We see our self in mirror because of \_\_\_\_\_ of light.  
 (A) Reflection  
 (B) Diversion  
 (C) Beam  
 (D) Nature

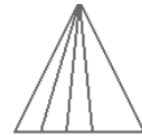
36. Sun and stars are \_\_\_\_\_ source of light.  
 (A) Natural  
 (B) Man made  
 (C) Artificial  
 (D) Local
37. A lunar eclipse always occurs on a \_\_\_\_\_ night?  
 (A) New moon  
 (B) Full moon  
 (C) Half moon  
 (D) No moon
38. The distance between the load and the fulcrum is called-  
 (A) Load arm (B) Effort arm  
 (C) Fulcrum (D) All of these
39. \_\_\_\_\_ is the famous scientist who discovered gravity.  
 (A) Sir Issac Newton  
 (B) Albert Einstein  
 (C) Michael Faraday  
 (D) None of the above
40. Solar system is in \_\_\_\_\_ galaxy.  
 (A) Milky way  
 (B) Andromeda  
 (C) Proxima Centauri  
 (D) None of the above

**Questions 41 to 50: Logical Reasoning**

41. M is older than R, Q is younger than R and N, N is not as old as M. Who is the eldest amongst all ?  
 (A) M  
 (B) R  
 (C) M or R  
 (D) Data inadequate
42. Which of the given options will complete the given pattern ?  
 3D , 8G , 13J , \_\_ , 23P ?  
 (A) 15 L (B) 18 L  
 (C) 18 M (D) 15 M
43. Which of the following is different from the others?  
 (A) 10000 ones  
 (B) 10 hundreds  
 (C) 100 tens  
 (D) 1 thousand
44. Find the weight of the bigger tomato?  
 (A) 20 gm.  
 (B) 30 gm.  
 (C) 40 gm.  
 (D) 50 gm.



45. If yesterday was Wednesday, when will be Sunday?  
 (A) Tomorrow  
 (B) Two days after tomorrow (C) Today  
 (D) Day after tomorrow
46. There are red and blue balls in a bag. Four-fifth of the balls are red. If we now add 6 red and 6 blue to the bag, which of following is correct?  
 (A) There are more blue balls than red balls. (B) Cannot be determined from given information.  
 (C) There are same numbers of red and blue balls.  
 (D) There are more red balls than blue balls.
47. How many triangles are there in this figure?  
 (A) 8  
 (B) 10  
 (C) 7  
 (D) 11



48. Melt : Liquid :: Freeze:  
 (A) Solid  
 (B) Condense  
 (C) Push  
 (D) Gas
49. SCD, TEF, UGH, \_\_\_\_, WKL.  
 (A) IJT  
 (B) VIJ  
 (C) CMN  
 (D) UJI

50. If P means ÷, Q means -, R means + and S means × then what will be the value of 40 R 30 P 5 Q 4S 3.  
 (A) 32  
 (B) 34  
 (C) 35  
 (D) 37

**Questions 51 to 60: General Knowledge**

51. Which day is celebrated as Environment Day?  
 (A) 5 June  
 (B) 15 July  
 (C) 10 June  
 (D) 5 July
52. Number of union territories there in India?  
 (A) 7 (B) 6  
 (C) 8 (D) 9
53. Name of the brightest planet in the solar system.  
 (A) Venus  
 (B) Mercury  
 (C) Neptune  
 (D) Mars

54. How many seconds are there in an hour?

- (A) 3600 seconds
- (B) 1800 seconds
- (C) 60 seconds
- (D) 360 seconds

55. Normal boiling point of water?

- (A) 90°C      (B) 100°C
- (C) 120°C     (D) 125°C

56. Which is the highest mountain peak in the world?

- (A) Nanga Parbat
- (B) Kanchanjunga
- (C) Mount Everest
- (D) K2

57. Which is the largest continent?

- (A) Europe
- (B) Asia

(C) Africa

(D) North America

58. Which acid is found in lemon?

- (A) Acetic acid
- (B) Citric acid
- (C) Ascorbic acid
- (D) Malic acid

59. The National Anthem was written by whom-

- (A) Rabindranath Tagore
- (B) Mahatma Gandhi
- (C) Bankim Chandra
- (D) Jawaharlal Nehru

60. Which city is called Pearl City?

- (A) Mumbai                      (B) Jaipur
- (C) Hyderabad                  (D) Varanasi

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