

NAME- \_\_\_\_\_ FATHER'S NAME- \_\_\_\_\_

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**ROLL NO.-** \_\_\_\_\_ **CLASS-** \_\_\_\_\_ **4<sup>th</sup>**

**MOBILE NO.-** \_\_\_\_\_ **INVIGILATOR SIGN. -** \_\_\_\_\_

**TIME- 90 Min. MM- 70**

## **SUBJECT- MATHEMATICS & REASONING**

**Q1. A and B are natural numbers. Value of A is four times that of B. B is 4224 more than 5226. Find the predecessor of A.**

- a) 37,800
- b) 37,799
- c) 38,900
- d) 38,699

**Q2. If you walk around a Circular Park starting from a point and come back to the same point, the distance that you have walked is called the.....**

- a) Chord
- b) Diameter
- c) Circumference
- d) Radius

**Q3. What time does 23:45 hours denote?**

- a) 10:45 PM
- b) 11:45AM
- c) 11:45 PM
- d) 10:45 AM

**Q4. Rahul won 8 matches and he got rupees 1,12,000 as the prize money in total. If he received the same amount for each match, which Mathematical operation should be used to calculate the amount he received per match?**

- a) Addition.
- b) Subtraction
- c) Multiplication
- d) Division

**Q5. In 937.285 the digit 8 is in the.....place.**

- a) Ones
- b) Tens
- c) Tenths
- d) Hundredths

**Q6. Which shape can make a tessellation by itself?**

- a) Circle
- b) Triangle
- c) Oval
- d) Semicircle

**Q7. Ajay bought a computer for Rs. 42,800. He gave 86 notes of Rs. 500 to the shopkeeper. How much money did he get back?**

- a) Rs. 100
- b) Rs. 150
- c) Rs. 200
- d) Rs. 500

**Q8. Write the appropriate decimal for**

$$4000 + 30 + 5 + 8/10 + 3/1000$$

- a) 4035.83
- b) 435.803
- c) 4035.38
- d) 4035.803

**Q9. Arrange the roman numerals in ascending order?**

**XXXII, CXXXII, CXXIX, LXXIV**

- a) XXXII < CXXXII < CXXIX < LXXIV
- b) XXXII < LXXIV < CXXXII < CXXIX
- c) XXXII < LXXIV < CXXIX < CXXXII
- d) XXXII < CXXIX < CXXXII < LXXIV

**Q10. Choose the correct statement.**

**Statement 1** – Every number is multiple of 1.

**Statement 2** – Multiples of any number are infinite.

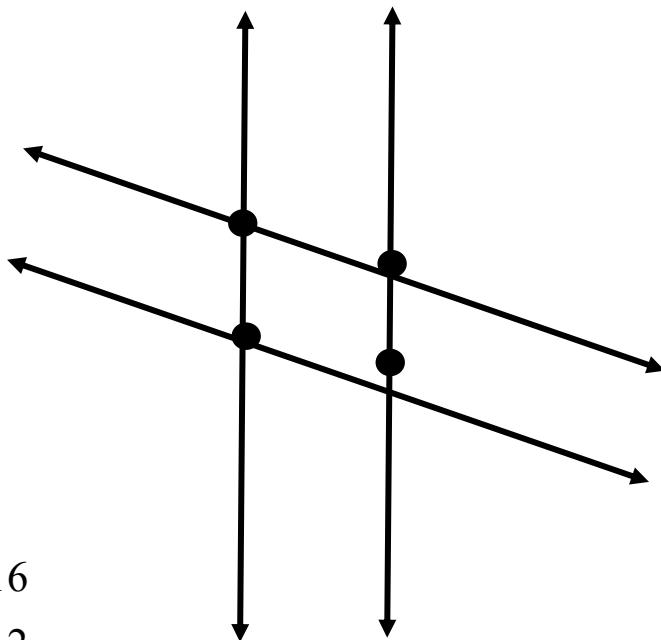
**Statement 3** – 1 is factor of every number.

**Statement 4** – largest factor of any number is number itself.

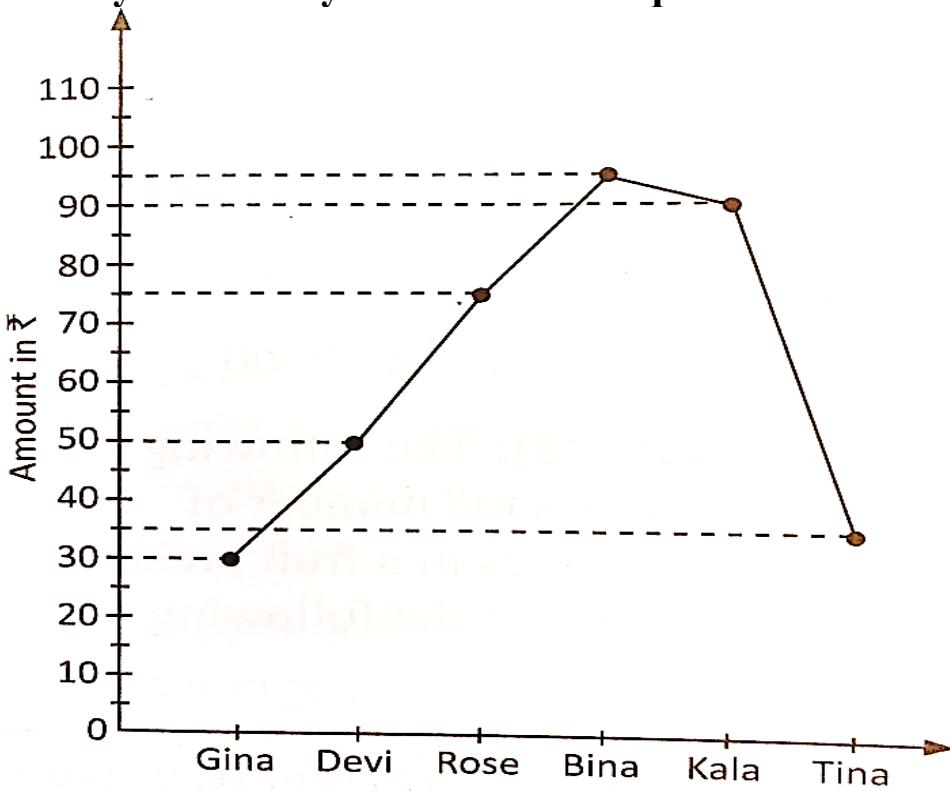
- a) Statement 1, 2 and 3 are true but 4 is false
- b) Statement 1 and 2 are true and 3 and 4 are false
- c) All statements are true
- d) All statements are false

**Q11. Anil took 56 seconds and Bunty took 4 seconds less to solve a mathematics question. How much time did they take to solve the question altogether?**

**Q12. How many rays are there in given figure?**



**Direction (Q- 13,14):** The graph below shows the amount spent by 6 girls. Study it carefully and answer the questions that follow:



**Q 13. What was the total amount spent by Bina and Tina?**

**Q14. Which two girls spent more than Rose?**

- a) Gina and Devi
- b) Devi and Tina
- c) Bina and Kala
- d) Gina and Tina

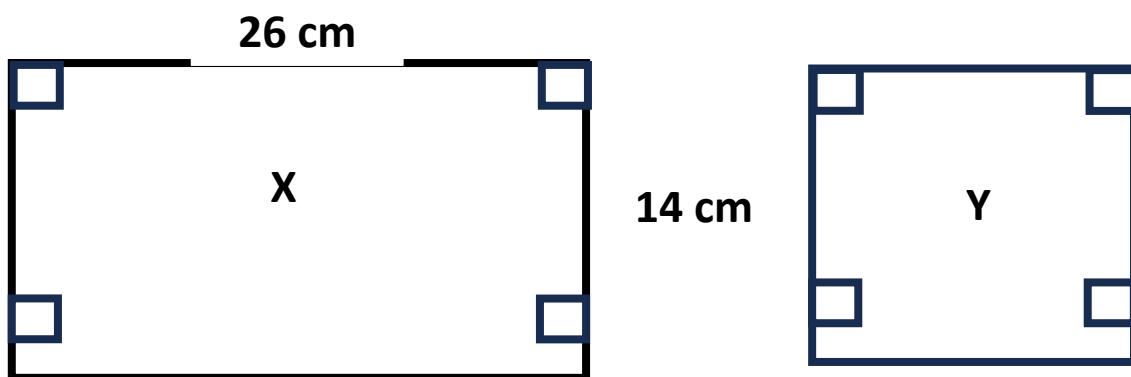
**Q15. Mr. X weight 48.7 Kg & Mr. Y weight 4.9 Kg less than Mr. X.**

## What is the total mass of the two men?

- a) 95 kg
- b) 80 kg
- c) 92.5 Kg
- d) 96 kg

**Q16. Seema used a wire to form a rectangle X as shown below. The same length of wire is used to form a square Y.**

**The side of a square Y is** .

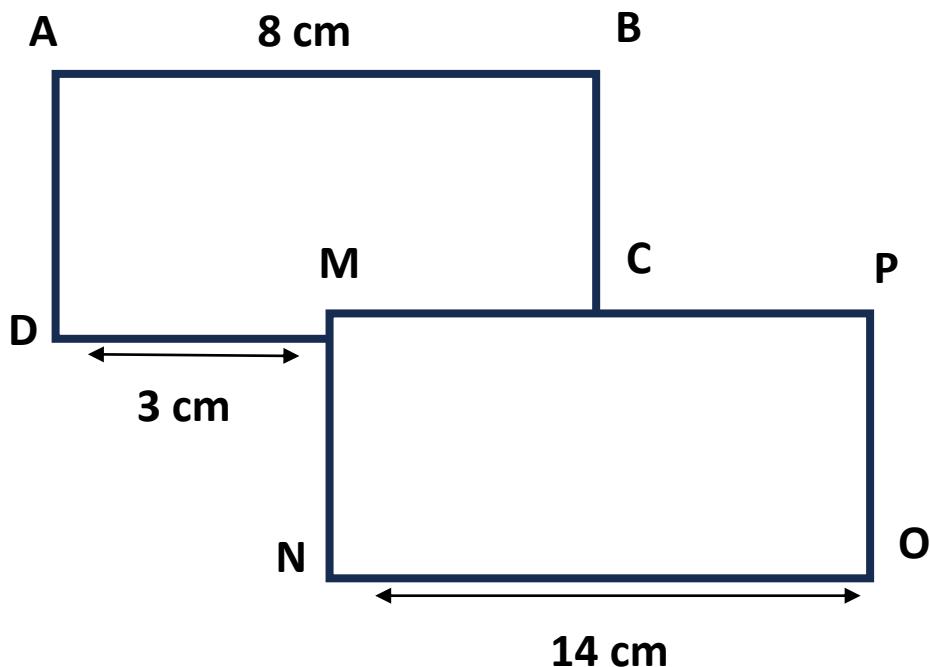


**Q17. There are eight rows of flowerpots in a garden. Each row has the same number of flowerpots. If there are 336 flowerpots in total, then how many flowerpots are there in each row.**

**Q18.** Convert the improper fraction  $\frac{518}{27}$  into a mix fraction.

a)  $5 \frac{19}{17}$       b)  $27 \frac{19}{5}$   
c)  $19 \frac{5}{27}$       d)  $27 \frac{5}{19}$

**Q19. ABCD and MNOP are two rectangles. Find the length of CP.**



**Q20. Which of the following statement is / are true ?**

**Q21. Which of the following is a factor of 126 but not a multiple of 7?**

**Q22. Anny saves Rs. 5,160 every month and Sony saves Rs. 2,945 every month. How much money will they save altogether in 6 months?**

**Q23. 61,560 pencils were packed equally in 162 packets. How many pencils were packed in each packet?**

- a) 280
- b) 380
- c) 182
- d) 340

**Q24. The thousand place digit of the product in the given Multiplication will be:**

$$12 \times 9 \times 8 \times 7 \times 6$$

- a) 0
- b) 6
- c) 3
- d) 4

**Q25. How many complete years are there in 156 months?**

- a) 14 years
- b) 12 years
- c) 13 years
- d) 15 years

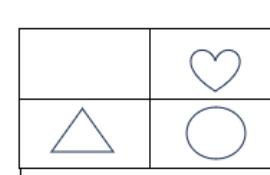
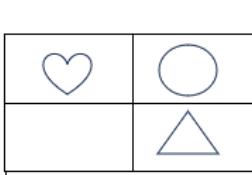
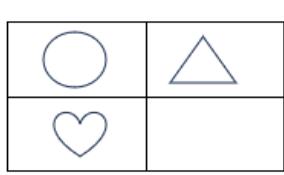
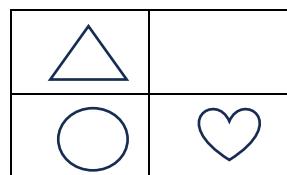
**Q26. If ‘Teacher’ is called ‘Driver’, ‘Driver’ is called ‘Shopkeeper’, ‘Shopkeeper’ is called ‘Postman’ and ‘Postman’ is called ‘Police’ then who brings letter to us?**

- a) Teacher
- b) Driver
- c) Police
- d) Postman

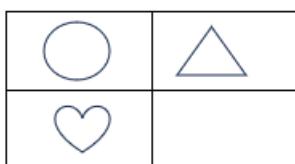
**Q27. If  $G = 7$ ,  $GE = 12$  and  $GEM = 25$ , then  $GIMSTAR = ?$**

- a) 68
- b) 77
- c) 79
- d) None of these

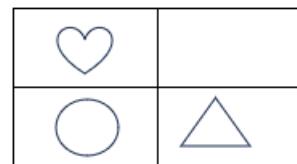
**Q28. Find the next figure in the given figure pattern.**

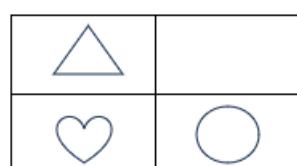
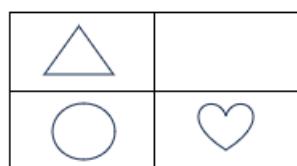


a)

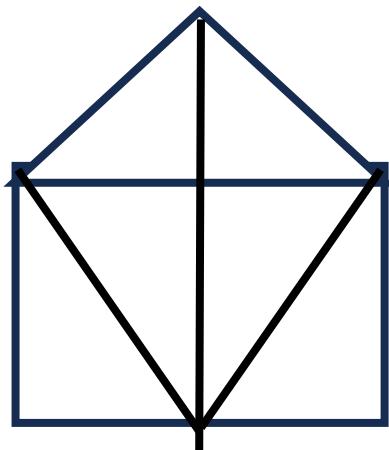


b)





**Q29. How many triangles are there in the given figure?**



**Q30. Find the odd one out:**

a)	K	22
b)	H	15
c)	E	10
d)	F	12

**Q31. If March = 32, June = 31, then January = ?**

**Q32. The first day of a leap year is Wednesday then what day of the week is on 31<sup>st</sup> December in that year?**

- a) Thursday
- b) Saturday
- c) Monday
- d) Friday

**Q33. Find the mirror image of the given figure**

## BELIEVE

BELIEVE [a]

## BEITIVE [b]

### BELIEVE [c]

**BELIEVE** [b]

**Q34. If 'FLOWER' is written as 'REWOLF', then '82674' will be written as \_\_\_\_\_**

**Q35. Which of the following will be the 6<sup>th</sup> letter to the left of 17<sup>th</sup> letter from the right end in English Alphabet?**

## SUBJECT- SCIENCE

## **Q36. Why do some animals hibernate in the winter?**

- a) To find food for their young
- b) To adapt to environment changes
- c) To catch prey
- d) To avoid predators

**Q37. What is the larvae stage of a cockroach called?**

- a) Pupa
- b) Cocoon
- c) Caterpillar
- d) Nymph

**Q38. Match Column I with Column II and select the correct option**

### Column I

## Column II

1. Coniferous	A. Orchids
2. Deciduous	B. Lianas
3. Climbers	C. Cedar
4. Epiphytes	D. Sal

a) 1-C, 2-D, 3-B, 4-A

b) 1-C, 2-D, 3-A, 4-B

c) 1-A, 2-C, 3-D, 4-B

d) 1-D, 2-A, 3-C, 4-B

**Q39. Find which of the following statements about saliva are correct.**

**i) Saliva is mainly water.**

**ii) Saliva makes it easier for us to swallow**

**iii) Saliva softens our food**

a) (i) and (ii)

b) (i) and (iii)

c) (ii) and (iii)

d) All of these

**Q40. The tiny pores present on the leaves of plants are called**

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a) Cells

b) Chlorophyll

c) Flower

d) Stomata

**Q41. Which of the following pairs of animals are arboreal?**

**P: Garden Lizard**

**Q: Turtle**

**R: Newts**

**S: Flying Squirrel**

a) P and Q

b) Q and R

c) R and S

d) P and S

**Q42. Which two processes occur during the life spans of all animal?**

a) Hibernation and Migration

b) Growth and Development

c) Changing colour and Shedding fur

d) Building nests and Communication

**Q43. I am a grooved wheel but a simple machine. You can pull up heavy things tied to the other end when the rope is running between the groove. I am a \_\_\_\_\_.**

a) Wheel

b) Tyre

c) Pulley

d) Roller

**Q44. Whenever we use the air conditioner, refrigerator etc. We can send X gases into the air. which of these is also an X gases?**

- a) Oxygen
- b) Nitrogen
- c) CNG
- d) Chlorofluorocarbons

**Q45. Liver and pancreas pour their juices into**

- a) Small intestine
- b) Large intestine
- c) Food pipe
- d) Stomach

**Q46. Study the statement given by these students.**

- i) Swati: The brain understands and remembers.
- ii) Sonam: A network of nerves collects information and give messages.
- iii) Shanu: It is located in the central part of our body.

**The system, they are talking about is**

- a) Skeletal System
- b) Muscular
- c) Digestive System
- d) Nervous System

**Q47. Eating food that is not correct in composition, quantity for a long period is called \_\_\_\_\_**

- a) Malnutrition
- b) Nutrition
- c) Protection
- d) Safety

**Q48. Match the following:**

1. Incisors	A. Tearing Teeth
2. Canines	B. Grinding
3. Molars	C. Hard layer on teeth
4. Enamel	D. Cutting Teeth

a) 1-D, 2-A, 3-C, 4-B	b) 1-D, 2-A, 3-B, 4-C
c) 1-D, 2-C, 3-B, 4-A	d) 1-A, 2-D, 3-B, 4-C

**Q49. Water hyacinth is a/an**

- a) Fixed plant
- b) Underwater plant
- c) Floating plant
- d) Desert plant

**Q50. Find the odd one out**

- a) Brain
- b) Stomach
- c) Spinal cord
- d) Sense organs

**Q51. In a banyan tree, roots grow from the branches, reach the soil and continue growing below the soil. These are called \_\_\_\_\_ roots.**

- a) buttress
- b) fibrous
- c) aerial
- d) water storage

**Q52. Choose the correct option which answers the following question: Waterlogged places are called swamps or marshes. Marshy regions have sticky and clayey soil. Which of the following have breathing roots since air cannot reach the roots of these plants?**

- a) Mango trees
- b) Coconut trees
- c) Mangroves
- d) Spruce trees

**Q53. What common characteristic feature is observed between roundworm and tapeworm?**

- a) They feed on the dead remains of animals.
- b) They depend on parasites for food.
- c) They live on the body of the host.
- d) They live inside the body of the host.

**Q54. Read the clues given below and identify the animal from the given options:**

**Clue 1: I can close my nostrils while diving into the water.**

**Clue 2: I can smell my prey from miles away.**

**Clue 3: I have two layers of fur and a thick layer of fat below my skin.**

- a) Camel
- b) Koala bear
- c) Tiger
- d) Polar bear

**Q55. The digestion process starts in the mouth. From the mouth, the food reaches the stomach through the oesophagus. The stomach secretes acids and enzymes that digest food. The thick semifluid mass**

**of partially digested food and digestive secretions that is formed in the stomach and intestine during digestion is called \_\_\_\_.**

- a) Stool
- b) Chyme
- c) Enzyme
- d) Mucous

**Q56. Energy from flowing water is called:**

- a) Wind energy
- b) Hydro energy (or water energy)
- c) Solar energy
- d) Geothermal energy

**Q57. Which food preservation method involves sealing food in air tight container?**

- a) Pickling
- b) Freezing
- c) Canning
- d) Drying

**Q58. Name the part of teeth that lies below the dentine.**

- a) Pulp.
- b) Enamel
- c) Cementum.
- d) Crown

**Q59. Select the correct option from below which on unscrambling gives the name of the organ that stores the bile.**

- a) V 1 R L E
- b) L G A B L R D E L A D
- c) R E A N P C A S
- d) A H C O S T M

**Q60. Match the following.**

**Column I**

- 1. Evergreen trees
- 2. Conifers
- 3. Deciduous trees

- a) 1:A, 2:C, 3:B
- c) 1:C, 2:A, 3:B

**Column II**

- A) Shed their leaves during winter
- B) Do not shed their leaves and stay green all year long
- C) Cone-shaped trees

- b) 1:B, 2:C, 3:A
- d) 1:B, 2:A, 3:C

**Q61. What happens to the particles of matter when a substance is heated?**

- a) They move slower
- b) They become larger
- c) They move faster
- d) They arrange in a more orderly manner

**Q62. Tiny finger-like structures in the small intestine that absorb nutrients are called:**

- a) Glands
- b) Villi
- c) Cells
- d) Valves

**Q63. How can you reduce the frictional force between two surfaces?**

- a) Increasing the force applied
- b) Using rough surfaces
- c) Keeping the surfaces clean
- d) Adding oil or grease

**Q64. A bottle opener is an example of which simple machine?**

- a) Lever
- b) Wedge
- c) Pulley
- d) Screw

**Q65. Which disease is caused due to deficiency of iron?**

- a) Anaemia.
- b) Goitre
- c) Hepatitis
- d) All of these

**Q66. When you switch on an electric bulb, electrical energy changes into:**

- a) Chemical and Sound Energy
- b) Heat and Light Energy
- c) Mechanical and Light Energy
- d) Potential and Kinetic Energy

**Q67. During a discussion about adaptation in plants, 3 friends made the following statements. Who is correct?**

**Diana: Mangroves grow in areas that are dry and sandy.**

**Maggie: Water lily grows completely submerged in water.**

**Eddie: Some desert plants have stems or leaves that can store water.**

- a) Diana and Eddie
- b) Diana and Maggie
- c) Only Maggie
- d) Only Eddie

**Q68. Wax is dissolved in**

- a) oil.
- b) water
- c) warm turpentine
- d) kerosene

**Q69. If bricks are to building, cells are to**

- a) Organism
- b) Body
- c) Organ
- d) Tissue

**Q70. Name the following**

**1) The brightest planet in the solar system**

**2) Dwarf planet**

**3) Red planet**

- a) 1- Mercury, 2- Pluto, 3- Mars
- b) 1- Mars, 2- Neptune, 3- Mercury
- c) 1- Venus, 2- Pluto, 3- Mars
- d) 1- Mercury, 2- Earth, 3- Mars