

**01** How many thousands make 5 lakhs ?

- (A) 5 (B) 5000 (C) 50 (D) 500

**02** Some Roman numerals are given in the box.

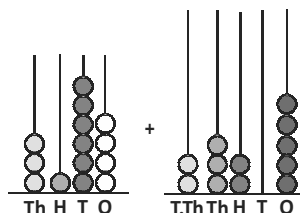
M V X D L

Which of the following is the number that can be written using all the given Roman numerals ?

- (A) 2555 (B) 1565  
(C) 1568 (D) 3549

**03** Find the sum of the numbers shown on the abacuses.

- (A) 26568  
(B) 54845  
(C) 25879  
(D) 26369

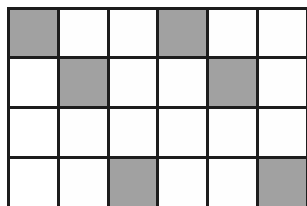


**04** What is the sum of the odd numbers between 5 and 12 ?

- (A) 7 (B) 27  
(C) 16 (D) 17

**05** Observe the given figure. How many more rectangles should be shaded such that  $\frac{3}{4}$  of the figure is shaded ?

- (A) 18  
(B) 12  
(C) 24  
(D) 6



**06** What fraction of  $1\frac{1}{4}$  min is 40 s ?

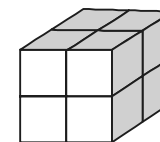
- (A)  $\frac{7}{15}$  (B)  $\frac{8}{15}$  (C)  $\frac{5}{4}$  (D)  $\frac{7}{16}$

**07** Find the missing number.

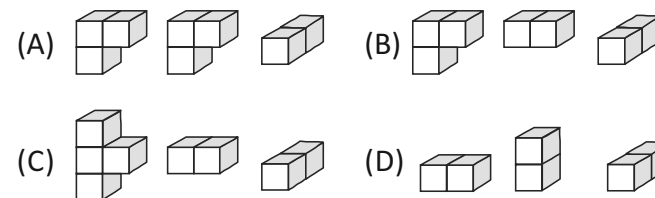
$$2875 \text{ g} - 2 \text{ kg } 750 \text{ g} = \underline{\hspace{2cm}} \text{ g}$$

- (A) 1250 (B) 125 (C) 1025 (D) 1125

**08** The cube in the figure was cut and separated into three pieces.



Which of the following groups could be the three pieces of the cube ?



**09** How many minutes make a quarter of an hour ?

- (A) 9 (B) 7 (C) 8 (D) 15

**10** A wire 48 cm long is bent to form a square. Find the side of the square.

- (A) 12 cm (B)  $16 \text{ cm}^2$  (C)  $36 \text{ cm}^2$  (D) 20 cm

**11** The difference between the smallest and the largest 5-digit number formed by the digits 5, 4, 2, 6, 0 is

- (A) 44964 (B) 62964 (C) 46956 (D) 62985

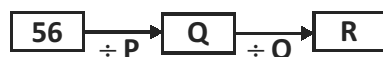
- 12** Akram spends ₹ 658 in a month. At the same rate how much will he spend in a year ?

(A) ₹ 1316 (B) ₹ 6580 (C) ₹ 7896 (D) ₹ 13160

- 13** Which of these is an example for twin primes ?

(A) 11, 15 (B) 17, 23 (C) 3, 7 (D) 11, 13

- 14** If the value of Q is twice the value of R, find R.



(A) 28 (B) 2 (C) 56 (D) 1

- 15** What is the value of  $13 + 6 \div 2 + 5 \times 4$  ?

(A) 36 (B) 45 (C) 25 (D) 28

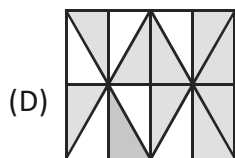
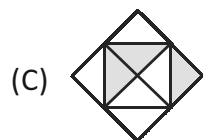
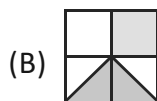
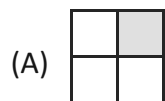
- 16** A packet of biscuits cost ₹ 4. Aryan bought 9 packets and had ₹ 2 left. How much did he have at first ?

(A) ₹ 40 (B) ₹ 34 (C) ₹ 38 (D) ₹ 36

- 17** Tarun gave  $\frac{5}{7}$  of his salary to charity and spent  $\frac{1}{2}$  of the remainder. What fraction of his salary was left ?

(A)  $\frac{1}{7}$  (B)  $\frac{2}{7}$  (C)  $\frac{3}{7}$  (D)  $\frac{4}{7}$

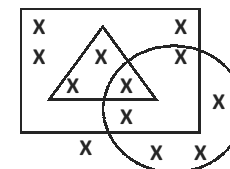
- 18** Which one of the following figures is  $\frac{5}{8}$  shaded ?



- 19** Identify the largest number ?

(A) CD (B) CM (C) DC (D) MC

- 20** In the figure given, how many cross marks are in the triangle but not in the rectangle ?



(A) 6 (B) 3 (C) 2 (D) 0

- 21** From which of the following numbers must 4409 be subtracted so that the difference is 72352 ?

(A) 67943 (B) 67941 (C) 68943 (D) 76761

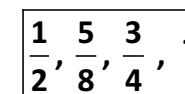
- 22** Arun had  $\frac{7}{10}$  m of wool. He cut it into 5 equal pieces. What was the length of each piece of wool ?

(A)  $\frac{2}{7}$  m (B)  $\frac{7}{50}$  m (C)  $3\frac{1}{2}$  m (D)  $5\frac{7}{10}$  m

- 23** Find the sum of the first three common multiples of 6 and 9.

(A) 54 (B) 108 (C) 162 (D) 216

- 24** What fraction comes next ?



(A)  $\frac{1}{3}$  (B)  $\frac{1}{4}$  (C)  $\frac{3}{8}$  (D)  $\frac{7}{8}$

- 25** 3 necklaces cost as much as 7 rings. If 3 necklaces and 3 rings cost ₹ 1860, find the cost of 1 necklace.

(A) ₹ 364 (B) ₹ 1302 (C) ₹ 434 (D) ₹ 186

- 26** Identify the process Y in the given figure.



- (A) Condensation (B) Evaporation  
(C) Transpiration (D) Decomposition

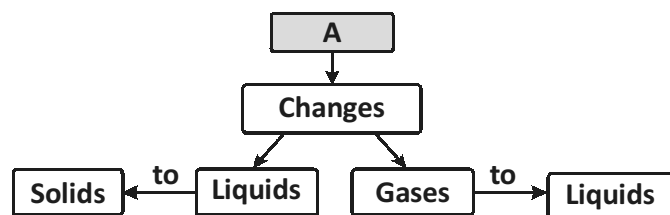
- 27** A teacher is explaining about microbes and germs and she was observing the body structure of a microbe using some instruments given below.

I – Microscope II – Bioscope III – Telescope

Which of the following devices is/are being used by the teacher and describe microbes ?

- (A) I only (B) II only  
(C) III only (D) II and III only

- 28** Which of these best completes this concept map ?



- (A) Cooling (B) Heat  
(C) Evaporating (D) Freezing

- 29** Which of these gases is released by green plants during photosynthesis ?

- (A) Carbon dioxide (B) Oxygen  
(C) Water (D) Nitrogen

- 30** What would happen to soil if a farmer adds earthworms, dried leaves and organic matter to it ?

- (A) The soil would remain the same.  
(B) The soil would lose some of its nutrients.  
(C) The soil would become richer in nutrients and airy.  
(D) The soil would become polluted.

- 31** Observe the following groups of plants.

X	Y
Nepenthes and sundew	Mushroom and mould

The plants are grouped according to

- (A) whether living or non-living things.  
(B) the type of nutrition.  
(C) the position they are located in the pond.  
(D) their capacity to move freely in water.

- 32** Which of the following is the best way to dispose waste water from kitchen ?

- (A) Using it as drinking water  
(B) Using it as bathing water  
(C) Using it to cook the food  
(D) Using it to water the plants

- 33** Which of these have three stage life cycle ?



**34** Kishore wants to eat an apple but has lost some incisors of his mouth. What will be his difficulty ?

- (A) To cut into the apple
- (B) To tear away parts of the apple
- (C) To crush and grind the apple
- (D) To digest the apple

**35** The thick covering called 'cuticle' on the stem of desert plants help them to

- (A) breathe air.                      (B) prepare food.
- (C) absorb water.                      (D) reduce transpiration.

**36** Which of the following is the best method to kill the germs present in water ?

- (A) Keeping the water container without lid
- (B) Adding sugar to water
- (C) Boiling the water
- (D) Covering the water vessel with a lid

**37** What passes out of the small intestine into the bloodstream ?

- (A) Water                                  (B) Digestive juices
- (C) Undigested food                      (D) Digested food

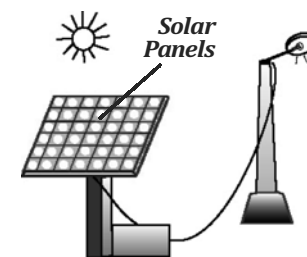
**38** Plants growing on high walls get water from

- (A) the walls.                                  (B) the land.
- (C) the air.                                      (D) insects moving around.

**39** The method(s) to prevent soil erosion is/are

- (A) planting vegetation.
- (B) building embankments along river banks.
- (C) practising terrace farming on hill slopes.
- (D) all of the above

**40** Which of the following energy changes takes place in the figure shown here ?



- (A) Light energy → Solar energy → Electrical energy
- (B) Solar energy → Chemical energy → Light energy
- (C) Solar energy → Electrical energy → Light energy
- (D) Light energy → Electrical energy → Solar energy

**41** Which one of the following is an example of a pull ?

- (A) Bouncing a ball
- (B) Punching the keys on the keyboard
- (C) Removing the lid from the container
- (D) Placing the bottle of ketchup on table

**42** Which of the following organisms help to break down dead matter into simpler substances ?

- (A) Fern    (B) Fungi
- (C) Woodlouse                                      (D) Termite

- 43** The diagram below shows a plant with some tendrils.



**How do the tendrils help the plant to grow well ?**

- (A) They help the plant to absorb water.
- (B) They attach onto other plants in order for the leaves to get enough sunlight.
- (C) They transport the food made by the leaves to all parts of the plant.
- (D) They help to store food for the plant

- 44** What is the function of molars ?

- (A) To cut the food.
- (B) To tear the food.
- (C) To crush and grind the food.
- (D) To digest the food.

- 45** When a bulb is connected to a cell with wires, it glows. What kind of energy is stored in cells ?

- (A) Solar energy                      (B) Electrical energy
- (C) Chemical energy                (D) Light energy

- 46** Plant's shoot growth is towards \_\_\_\_\_.

- (A) sunlight                              (B) gravity
- (C) water                                  (D) soil

- 47** The symptoms of a disease caused due to deficiency of vitamin are given below. Identify the vitamin.

- Bleeding of gums.
- Swelling of joints.
- Wounds that do not heal.

- (A) Vitamin A                              (B) Vitamin B
- (C) Vitamin C                              (D) Vitamin D

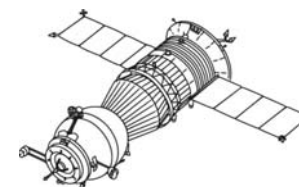
- 48** Which of the following methods is used to remove soluble impurities in water ?

- (A) Sedimentation                      (B) Decantation
- (C) Filtration                              (D) Distillation

- 49** The disease Goitre is caused due to the lack of a certain class of food. Which of the following types of food should be consumed to reduce the risk of goitre ?

- (A) Rice                                      (B) Orange
- (C) Fish                                      (D) Carrot

- 50** Identify the given figure.



- (A) A lever                                  (B) A screw
- (C) A satellite                              (D) A pulley

**51** An apple from the apple tree fall on ground is due to

- (A) muscular force. (B) balanced force.  
(C) gravitational force. (D) frictional force.

**52** The animals given below are similar as they are

Rabbit, Moles, Rat

- (A) Aerial animals (B) Arboreal animals  
(C) Aquatic animals (D) Burrowing animals

**53** What are autotrophs ?

- (A) Herbivores (B) Producers  
(C) Carnivores (D) Omnivores

**54** Which one of the following body systems carries food and oxygen to all parts of the body and collects waste materials ?

- (A) Digestive system (B) Respiratory system  
(C) Circulatory system (D) Excretory system

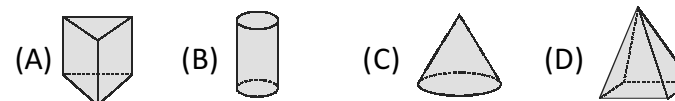
**55** Shreya investigated the properties of an object. She noted down the following observations in her notebook.

It has mass.  
It occupies space.  
It cannot be compressed.  
It does not take shape of the container that holds it.

What could be the object ?

- (A) Oxygen (B) Honey  
(C) Pebble (D) Milk

**56** The following shows solid figure seen through holes on a piece of paper. Identify the hidden solid figure.



**57** The number from 1 to 7 were laid out in order to make an expression. Which option represents the correct placement of five  $+$  operation cards.

$\boxed{1} \text{ P } \boxed{2} \text{ Q } \boxed{3} \text{ R } \boxed{4} \text{ S } \boxed{5} \text{ T } \boxed{6} \text{ U } \boxed{7} = 55$

- (A) P, Q, S, T, U (B) P, Q, R, S, T  
(C) P, Q, R, S, U (D) P, R, S, T, U

**58** Read the clues given.

- My uncle and aunt have different jobs. One is a driver, and the other works in an office.
- My parents and aunt has never driven a car.
- My dad and uncle share automobile business.

What is my uncle's occupation ?

- (A) Employee (B) Driver  
(C) Business (D) None of these

**59** The following is a ripped piece of calender for March, What day is April ?

- (A) Monday (B) Saturday  
(C) Tuesday (D) Sunday

Mon	Tues	Wed	Thurs	Fri	Sat
				3	4

**60** How would the 4<sup>th</sup> drawing look like ?

