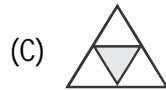
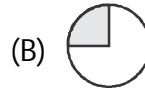
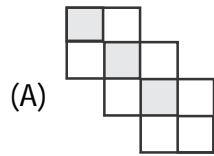


- 1 → How many edges does the following figure have ?

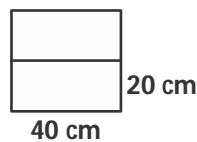


- (A) 12 (B) 8 (C) 6 (D) 4

- 2 → In which figure does the shaded part represent 0.3 ?



- 3 → Two rectangular plots of length 40 m and width 20 m are as shown.



What is the cost of fencing the plots at ₹ 4 per metre ?

- (A) ₹ 16000 (B) ₹ 1600
(C) ₹ 640 (D) ₹ 6400

- 4 → Which of the following statement(s) is/are true ?

- (A) A parallelogram in which two adjacent angles are equal is a rectangle.
(B) A quadrilateral in which both pairs of opposite angles are equal is a parallelogram.
(C) In a parallelogram the number of acute angles is two.
(D) All the above.

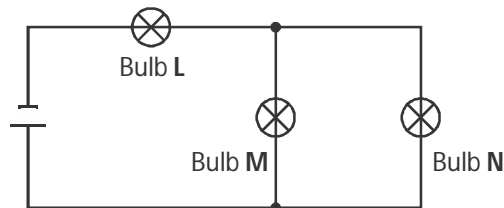
5 If 'a' and 'b' are two whole numbers, then under what condition is the commutative law applicable to subtraction ?

- (A) $a = b$ (B) $a \neq b$
 (C) $a > b$ (D) $a < b$

6 Identify the correct grouping of different materials according to their electrical conductivity.

| Electrical Insulators | Electrical Conductors |
|-----------------------|-----------------------|
| (A) Plastic, wood | Mercury, tungsten |
| (B) Carbon, steel | Iron, paper |
| (C) Copper, gold | Nickel, clay |
| (D) Iron, rubber | Silver, plastic |

7 The bulbs (L, M and N) used in the circuit shown below are all identical.



Which of the following statements is true ?

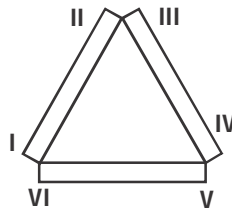
- (A) All three bulbs are of the same brightness.
 (B) Bulb L is brighter than Bulb M or Bulb N.
 (C) Bulb L and Bulb M are brighter than Bulb N.
 (D) Bulb N is brighter than Bulb L or Bulb M.

- 8 → Which of the following show movements without changing their place ?

- (i) The hands of a clock
 (ii) The opening and closing of flowers
 (iii) A flying bird

- (A) Only (i) and (ii) (B) Only (ii) and (iii)
 (C) Only (i) and (iii) (D) All the three

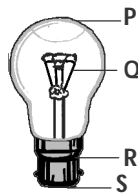
- 9 → Three bars of magnets attract each other as shown below.



- Which two points will repel each other ?

- (A) II and IV (B) III and VI
 (C) II and V (D) II and III

- 10 → Which part of the bulb is an insulator ?



- (A) Q (B) S
 (C) R (D) P



In which of the following cases the heat energy is given out ?

- (i) When water boils
- (ii) When ice melts
- (iii) When water freezes to ice
- (iv) When water vapour condenses to water

- (A) In (i), (ii) and (iii) (B) In (iii) only
(C) In (iv) only (D) In both (iii) and (iv)



Rod X, though placed in boiling water, does not become hot. Rod Y, lying on the table, becomes cool when touched. What materials are they most likely to be made of ?

- (A) Rod X is metal and rod Y is plastic.
(B) Rod X is glass and rod Y is ceramic.
(C) Rod X is glass and rod Y is plastic.
(D) Rod X is glass and rod Y is metal.



1 kg of iron occupies less space compared to 1 kg of sponge. Why ?

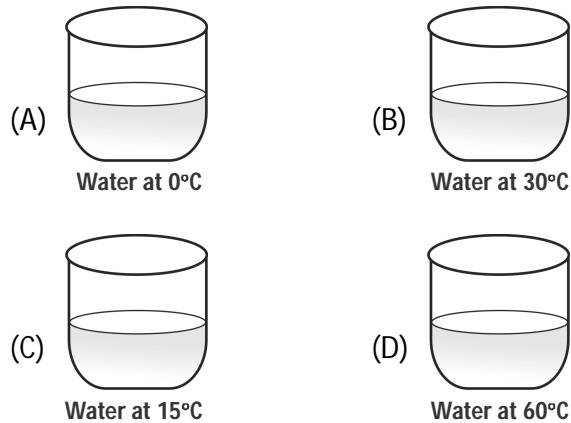
- (A) Iron has less density than sponge.
(B) Iron and sponge have equal densities.
(C) Iron has more density than sponge.
(D) Weight of iron per unit volume is less than that of sponge.



The most prominent gases in the atmosphere in terms of volume are

- (A) nitrogen and methane.
(B) nitrogen and oxygen.
(C) hydrogen and nitrogen.
(D) oxygen and carbon dioxide.

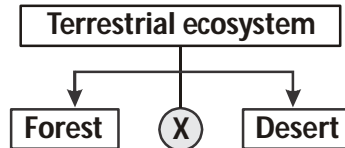
15 Sugar will dissolve most easily in which beaker ?



Class : VI

Biology

16 Identify "X" in the given classification.



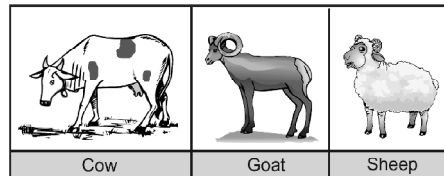
- (A) Ocean (B) River
 (C) Grassland (D) Pond

17 Which of these plants would have a root structure similar to one shown in the figure given below ?



- (A) Marigold (B) Mango (C) Paddy (D) Balsam

18 The animals given below are similar as they all are



- (A) herbivores. (B) carnivores.
(C) insectivores. (D) omnivores.

19 Which of the following is/are the results of waste management ?

- (i) Reduction of air, water and land pollution.
(ii) Conservation of natural resources.
(iii) Increase of air, water and land pollution.

- (A) (i) and (ii) only (B) (i) and (iii) only
(C) (ii) and (iii) only (D) (i), (ii) and (iii)

20 Complete the given correlation

Silk : Cocoon, Wool : ?

- (A) Hair of rabbit (B) Cotton plant.
(C) Fleece of sheep. (D) Jute of hemp.

21. The boundary line between which two countries is called 'Radcliffe line' ?

- (A) India and China (B) India and Pakistan
(C) India and Myanmar (D) India and Afghanistan

22. The given logo belongs to which company ?



- (A) Honda (B) Hitachi
(C) Hyundai (D) Maruti Suzuki

23. Who is the author of 'The Adventures of Tom Sawyer' ?

- (A) Charles Dickens (B) Robert Stevenson
(C) Mark Twain (D) Jonathan Swift

24. Which of the following has the slogan 'Eat fresh' ?

- (A) Domino's (B) Pizza hut
(C) KFC (D) Subway

25. What does the acronym WHO stand for ?

- (A) World Human's Organization
(B) World Health Organization
(C) World's Health Objective
(D) Women Health Organization

