Time: 2 Hour   Total Marks: 50

Class : VI
Subject : Science

MCQ SINGLE CORRECT

1. Paheli asked for a glass of water from Boojho. He gave her a glass of ice cold water. Paheli observed some water droplets on the outer surface of the glass and asked Boojho how these droplets of water were formed? Which of the following should be Boojho's answer?

   (a) Evaporation of water from the glass.   **(b)** Water that seeped out from the glass.

   (c) Evaporation of atmospheric water   **(d)** Condensation of atmospheric water
   vapour.   vapour.

2. Read the following statements about diseases.
   (i) They are caused by germs.
   (ii) They are caused due to lack of nutrients in our diet.
   (iii) They can be passed on to another person through contact.
   (iv) They can be prevented by taking a balanced diet.
   Which pair of statements best describe a deficiency disease?

   (a) (i) and (ii)   **(b)** (ii) and (iii)

   (c) (ii) and (iv)   **(d)** (i) and (iii)

3. Which one of the following food item does not provide dietary fibre?

   (a) Whole grains   **(b)** Whole pulses

   (c) Fruits and vegetables   **(d)** Milk

4. Which of the following can never form a circular shadow?

   (a) A ball   **(b)** A flat disc

   (c) A shoe box   **(d)** An ice cream cone

5. Rolling of chapati and baking of chapati are the changes that

   (a) can be reversed.   **(b)** cannot be reversed.

   (c) can be reversed and cannot be reversed,   **(d)** cannot be reversed and can be reversed,
   respectively.   respectively.

TRUE/FALSE

6. Cloud formation occurs only at higher temperatures.

   (a) True   **(b)** False

7. A mixture of wheat grains and wheat flour can be separated by sieving.

                                                                          All The Best!!!

(a) True   **(b)** False

8. A mixture of tea leaves and milk can be separated by decantation.

   (a) True   **(b)** False

9. Cotton yarn on burning gives an odour similar to that of a burning paper.

   (a) True   **(b)** False

10. Water can be separated from salt by evaporation.

    (a) True   **(b)** False

FILL IN THE BLANKS

11. _____ enable a plant or an animal to live in its surroundings.
12. Milk has a _____ boiling point.
13. Plants and animals that live on land are said to live in _____ habitats.
14. The process of settling of heavier particles is called _____.
15. Deficiency diseases can be prevented by taking a _____.

VERY SHORT DESC

16. Name any three sources of carbohydrates.

17. One way of making fabric from yarn is weaving, what is the other?

18. I come out first from the seed when it is soaked in water. I provide anchorage to plants. Who am I? Write another function that I perform.

19. Mention one adaptation present in the following animals:
    (a) In camels to keep their bodies away from the heat of sand.
    (b) In frogs to enable them to swim.
    (c) In dolphins and whales to breathe in air when they swim near the surface of water.

20. Write the adaptation in aquatic plants due to which
    (a) submerged leaves can bend in the flowing water.
    (b) leaves can float on the surface of water.

SHORT DESC - 25 WORDS

21. What are the important uses of jute?

22. What is locomotion? How does it help the animals?

23. Describe the method to obtain pure salt from rock salt.

24. What adaptation do desert animals have to protect themselves from deficiency of water?

25. When a bulb gets fused, it does not light up. Can you explain why ?

MED DESC - 50 WORDS

26. Match the items in column A with those in column B.

Column A	Column B
1. Bird	a) Nocturnal
2. Cat	b) Have no eyes
3. Hydrilla	c) Volant adaptation
4. Whale	d) Terrestrial
5. Cactus	e) Found on mountain
6. Snow bear	f) Aquatic plant
7. Camel	g) Desert plant
8. Proteus	h) Desert adaptation
9. Amblyopsis	i) Aquatic adaptation
10. Cockroach	j) Reduced eyes

27. When a bar magnet was brought close to a compass, the orientation of the needle became as shown in figure. Identify the poles on the ends of the bar magnet marked 'A' and 'B'. Explain how you arrived at your answer.

28. Why does our body need nutritious food?

29. Write the names of the plant that provide us :
    1) Vegetables 2) Fruits 3) Cereals 4) Pulses 5) Oil/fat.

30. Can a magnet be demagnetised ? How ?

MATCH THE PAIRS

31. Match Column I with Column II (One option of A can match with more than one option of B)

COLUMN I	COLUMN II
(a) Magnet attracts	(i) rests along a particular direction
(b) Magnet can be repelled	(ii) iron
(c) Magnet if suspended freely	(iii) by another magnet
(d) Poles of the magnet can be identified by	(iv) iron filings

(a) a-ii, iii and iv, b- iii, c-i,d-iii   **(b)** a-i, b-ii, c-iv, d-iii

(c) a-ii, b-iv, c-iii, d- i   **(d)** None of these

32. Match the content in column A with those in column B

Column 'A'	Column 'B'
(i) Magnetite	(a) Non magnetic substances
(ii) Iron, Nickel, Cobalt	(b) Used to find out N-S direction
(iii) Leather, Plastic, wax	(c) Attract each other
(iv) Lode stone	(d) Natural magnet
(v) Compass	(e) Repel each other
(vi) Like poles of two magnets	(f) Discovered magnet incidentally

(vii) Opposite poles of two magnets	(g) Magnetic substances
(viii) Magnus	(h) Name of first magnet

(a) i-d, ii-g, iii-a, iv-h, v-b,vi-e,vii-c,viii-f   **(b)** i-c, ii-h, iii-a, iv-g, v-b,vi-f,vii-d,viii-e

(c) i-h, ii-g, iii-e, iv-d, v-b,vi-a,vii-c,viii-f   **(d)** None of these

33. Match the articles given in Column I with the articles of Column II

COLUMN I		COLUMN II	
(a)	Sweater	(I)	Cotton
(b)	Cotton bolls	(ii)	Wool
(c)	Dhoti	(iii)	Ginning
(d)	Gunny bags	(iv)	Jute

(a) a-(ii) , b - (iii), c - (i), d - (iv)   **(b)** a-(iii) , b - (iv), c - (ii), d - (i)

(c) a-(i) , b - (ii), c - (iv), d - (iii)   **(d)** None of these

34. Match the events related to motion in Column I with the types of motions given in Column II.

COLUMN I	COLUMN II
(a) A moving wheel of a sewing machine	(i) Circular motion
(b) Movement of tip of the minute hand of a clock in one hour	(ii) Rotational motion
(c) A moving swing	(iii) Periodic motion

(a) a– (ii); b– (i); c– (iii).   **(b)** a-(i), b-(iii), c-(ii)

(c) a-(iii), b-(i), c-(ii)   **(d)** None of these

35. Match the mixtures in Column I with their method of separation in Column II.

COLUMN I	COLUMN II
(a) Oil mixed in water	(i) Sieving
(b) Iron powder mixed with flour	(ii) Hand picking
(c) Salt mixed with water	(iii) Decantation
(d) Lady's finger mixed with french beans	(iv) Magnet
(e) Rice flour mixed with kidney beans	(v) Evaporation

(a) (a) - iii, (b) – (iv), (c) – (v), (d) – (ii), (e) – (i)   **(b)** (a)-ii, (b) - iii, (c)- iv, (d)- i, (e) - v

(c) (a)-i, (b)- iv, (c)- v, (d) - iii, (e) - ii   **(d)** None of these