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SAMPLE PAPER

TIME:- 3 Hrs.

SUBJECT- SCIENCE (CLASS-VI)

M.M.:- 80

[Section-A]

- Q.1. Tulsi has a reticulate venation. True/False [1]
Q.2. Define the term excretion. [1]
Q.3. Why can our elbow not move backwards? [2]
Q.4. Write any two methods of conserving water. [2]
Q.5. What are insulators? Give one example. [2]
Q.6. Why can a pace or a footstep not be used as a standard unit of length. [3]
Q.7. Draw the pistil & label its various parts. [3]

OR

Draw a well labeled diagram of an electric circuit.

- Q.8. What are the different kinds of joints found in human body? Give one example of each type. [3]
Q.9. The distance between Radha's home & her school is 3250m. Express it in km. [3]
Q.10. Why should an electrician use rubber gloves while repairing an electric switch at your home? Explain it. [3]
Q.11. (a) Write any 2 properties of a magnet. [3]
(b) Where are the poles of a bar magnet located?

OR

Match the columns showing poles of two magnets & their interactions.

A	B
N – N	Attraction
N – S	Repulsion
S – S	Repulsion

- Q.12. When does drought occurs? [3]
Q.13. What is the composition of air? [3]
Q.14. What are the different components of a habitat? Explain. [3]
Q.15. Value based question. (Compulsory) [3]
Anurag's friend visits his house for the weekend. He observes the following undesired practices without much care of water like plants are watered 2-3 times a day excessively, taps were often running even when not required etc. He talked to Anurag about the wrong practices resulting in wastage of water & tells him that water should be used judiciously. Answer the following questions.
(a) Do you think the practices of using water at Anurag's home were correct? Why?
(b) What value has been shown by Anurag's friend?
Q.16. State the precautions which should be taken while using a meter scale to measure the length of an object? [5]
Q.17. How will you show that air occupies space? Draw the diagram also. [5]
Q.18. Describe water cycle with diagram. [5]

OR

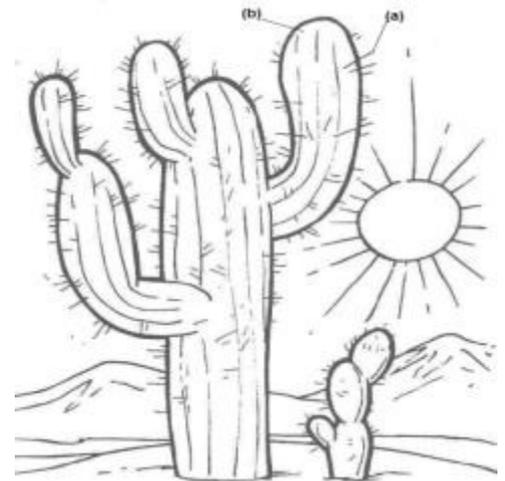
- (a) Why earth worms come out of soil during heavy rains?
(b) Write any 2 uses of wind mill.
Q.19. Classify the objects as transparent, translucent or opaque. [5]
(a) A sheet of plane grass
(b) A wooden board
(c) Water
(d) Frosted glass
(e) Butter paper
Q.20. (a) What are the functions of the skeleton system? [3]

(b) Describe the structure of rib-cage.

Q.21. Observe carefully the diagram & answer the following questions.

- (a) Identify the parts (a) & (b)
 (b) In which type of habitat these plants are found?
 (c) Write two adaptations of the cactus.

[5]



[Section-B]

(12 x 1 = 12)

Q.22. The thick vein in the needle of the leaf is known as-

- (a) big vein (b) mid-rib
 (c) main-rib (d) petiole

Q.23. Fore limbs of birds are modified into

- (a) feathers (b) wings
 (c) hollow bones (d) beak

Q.24. Which of the following is not an abiotic component?

- (a) rock (b) air
 (c) water (d) animals

Q.25. Beating of the drum is termed as

- (a) Periodic motion (b) Rectilinear motion
 (c) Curvilinear motion (d) Circular motion

Q.26. Which of the following is a non-luminous object?

- (a) Sun (b) eraser
 (c) lamp (d) tube light

Q.27. Image formed by pin-hole camera is

- (a) erect (b) sometimes erect, sometimes inverted
 (c) inverted (d) all of these

Q.28. Metal cap of the electric cell is

- (a) Negative terminal (b) Positive terminal
 (c) both (a) & (b) (d) none of these

Q.29. Which of these is non-magnetic?

- (a) copper (b) nickel
 (c) Iron (d) cobalt

Q.30. A freely suspended magnet always aligns in direction.

- (a) East-West (b) North-South
 (c) Both (a) & (b) (d) None of these

Q.31. Saline water is used for which purpose?

- (a) Domestic (b) Agriculture
 (c) Industrial needs (d) Obtaining salt

Q.32. The gas which supports burning

- (a) Carbon dioxide (b) Oxygen
 (c) Nitrogen (d) Methane

Q.33. Which of the following is the most abundant gas in the atmosphere?

- (a) Oxygen (b) Carbon
 (c) Nitrogen (d) Argon

