KENDRIYA VIDYALAYA RAJKOT

IMPORTANT QUESTIONS FOR SESSION ENDING EXAM FOR SCIENCE OF CLASS – VI

COMPILED BY: K.TEJPAL SINGH TGT SCIENCE

1. What is the composition of air? Which gas in the atmosphere is essential for respiration?
2. List five activities that are possible due to the presence of air.
3. How do plants and animals help each other in the exchange of gases in the atmosphere?
4. What is wind mill? Draw its diagram and write its uses.
5. How are clouds formed?
6. Take out a cooled bottle of water from refrigerator and keep it on a table. After some time you notice a puddle of water around it. Why?
7. Suppose you want to dry your school uniform quickly. Would spreading it near an anghiti or heater help? If yes, how?
8. Explain water cycle with a labelled diagram.
9. What happens if it rains heavily in a particular place? What happens if it doesn't rain for a long period in a region?
10. Why should we not waste water?
11. What is rain water harvesting? Explain its types.
12. Write properties of a magnet. Where are poles of a bar magnet located?
13. Write five uses of magnets.
14. How electromagnets are formed?
15. How magnets lose their properties?
16. How is a compass used to find directions?
17. What is the purpose of using an electric switch? Name some electrical gadgets that have switches built into them.
18. Why should an electrician use rubber gloves while repairing an electric switch at your home? Explain.
19. Draw a labelled diagram of bulb, cell and electric circuit to show direction of current.
20. Distinguish between conductors and insulators.
21. What is an electric cell? Name the element which is used to make the filament of the bulb.
22. Describe an activity to show that light travels in a straight line.
23. What is a shadow? How is it formed?
24. Compare transparent, translucent and opaque objects.
25. Distinguish between luminous and non-luminous objects.
26. Give two examples each, of modes of transport used on land, water and air.
27. Why can a pace or a footstep not be used as a standard unit of length?

28. The height of a person is 1.65 m. Express it into cm and mm.
29. The distance between Radha's home and her school is 3250 m. Express this distance into km.
30. Write the similarities and differences between the motion of a bicycle and a ceiling fan that has been switched on.
31. Give two examples of periodic motion.
32. Define with examples: Motion, Rectilinear motion, Circular motion, Periodic motion, and Rolling motion.
33. Write SI units of time, mass and length.
34. What is a habitat? How are cactus and camel adapted to survive in a desert?
35. Define adaptation. Write two adaptations found in stems of aquatic plants.
36. List the common characteristics of the living things.
37. Distinguish between biotic and abiotic components.
38. What is a ball and socket joint? Which of the skull bones are movable? Why can our elbow not move backward?
39. Give the function of skeleton in our body?
40. Name the parts of the body protected by the following bones: A. Skull B. Rib Cage
41. Name the organs of movement in the following: snail, earthworm, fish, snake and cockroach.
42. Draw a labelled diagram of (a) a leaf, (b) a taproot and (c) a flower
43. What is venation? Mention its types and give examples of each type.
44. Differentiate between tap and fibrous roots. Write the main functions of roots.
45. What is the function of a stem in a plant?
46. Write the names of the parts of a flower.
47. Name the part of the plant which produces its food. Name this process.
48. If a plant has fibrous root, what type of venation do its leaves likely to have?
49. How would you obtain clear water from a sample of muddy water?
50. Why separation is done? Name different methods of separation.
51. Name the major nutrients in our food.
52. Name the following: (a) The nutrients which mainly give energy to our body. (b) The nutrients that are needed for the growth and maintenance of our body. (c) A vitamin required for maintaining good eyesight. (d) A mineral that is required for keeping our bones healthy.
53. Name two foods each rich in: (a) Fats (b) Starch (c) Dietary fibre (d) Protein
54. What are deficiency diseases? Name any five deficiency diseases.
55. Define: Gizzard, vermicomposting and landfill.
56. Why plastic is harmful to environment and suggest some ways to solve this problem.
57. Distinguish between bio-degradable and non-biodegradable substances.