

DELHI PUBLIC SCHOOL, JAMMU
MODEL REVISION PAPER
SESSION (2018-19)

Class :VIII

Subject: Science

Section A

Very Short Answer Type Questions

1. Name two gases present in polluted air which can cause acid rain.
2. Name the substance which vibrates in a flute to produce sound.
3. What is the function of cell wall in a plant cell?
4. Name any two bird sanctuaries in India. Where are these located?
5. Define ignition temperature of a substance
6. Name three useful products of coal.
7. Name the most common application of the chemical effect of electric current
8. Name the gas evolved when a metal reacts with water.
9. Which type of reflection of light, regular reflection or diffuse reflection, leads to the formation of images?
10. Name the very poisonous gas produced by the incomplete combustion of fuels.

Short Answer Type Questions-I

11. State two physical properties on the basis of which metals can be distinguished from the non metals.
12. What is CNG? State its one use.
13. a) Define the calorific value of a fuel
b) Which zone of a candle flame is the least hot?
14. Why does Siberian crane come from Siberia to places like Bharatpur in India every year for a few months?
15. What is plastid? What is the name of the green plastids present in plant cells?
16. What is 'reproduction'? Why is it essential?
17. What is a vibration (or an oscillation)? Define 'amplitude' of vibration of an object.
18. What is electroplating? What is the purpose of electroplating?
19. What is green house effect? State its importance for us.
20. What is meant by 'dispersion of light'? Name a natural phenomena which is caused by the dispersion of sunlight in the sky.

Short Answer Type Questions-II

21. State three differences between a plant cell and an animal cell.
22. a) What are rods and cones in the retina of an eye?
b) Name any one defect of the eye. How is it corrected?
23. What is global warming? What are the likely harmful effects of global warming?
24. What is poaching? What are the various measures which can be taken to conserve forests and wildlife?
25. a) What are metalloids? Name two metalloids
b) Write a word equation for the reaction of magnesium with oxygen.
26. What are fuels? State any four characteristics of an ideal fuel.
27. How does a hydra reproduce? Explain with the help of labelled diagrams.

28. What is noise? State the various measures which can be taken to control noise pollution in our surroundings.
29. What is acid rain? What are the harmful effects of acid rain?
30. Describe the electroplating of copper on an iron strip.

Long Answer Type Questions

31. a) Draw a labelled diagram of the human eye.
 b) What are the functions of the following parts of the eye?
 a) Iris b) Eye lens c) Ciliary muscles d) Retina
32. Draw a neat and labelled diagram of the human ear. Explain its working.
33. a) What is meant by 'combustion'? Explain with an example
 b) What are the conditions necessary for combustion to take place?
34. What is petroleum? Where does petroleum occur?
 b) Describe the process of formation of petroleum.
35. Explain eutrophication and biological magnification in detail.

Section B

Multiple Choice Questions

36. Which one of the following four metals would be displaced from the solution of its salt by the other three metals?
 a) zinc
 b) silver
 c) copper
 d) magnesium
37. Fire in underground coal mines usually occur due to
 a) explosive combustion
 b) deliberate combustion
 c) spontaneous combustion
 d) rapid combustion
38. The national park which is located in Rajasthan is
 a) Corbett National park
 b) Kanha National park
 c) Satpura National park
 d) Sariska National park
39. All the living matter in a cell is called
 a) endoplasm
 b) protoplasm
 c) cytoplasm
 d) cell cap
40. A tadpole develops into an adult frog by the process of
 a) fertilization
 b) metamorphosis
 c) embedding
 d) budding
41. Which of the following are used to study the growth of foetus inside the mother's womb?
 a) radio waves
 b) x-rays
 c) infrared waves
 d) sound waves
42. Which of the following does not conduct electricity?
 a) vinegar solution
 b) sugar solution
 c) lemon juice solution
 d) caustic soda solution
43. The change in converging power of an eye-lens is caused by the action of
 a) iris
 b) ciliary muscles
 c) optic nerves
 d) retina
44. Drinking water can be made absolutely safe by adding some
 a) aspirin tablets
 b) iodine tablets
 c) chlorine tablets
 d) chlorophyll tablets
45. Which one of the following is not a fossil fuel?
 a) petrol
 b) coke
 c) charcoal
 d) coal