

DELHI PUBLIC SCHOOL, JAMMU
REVISION SHEET FOR HALFYEARLY EXAM
SESSION (2018-2019)

CLASS –VIII

SUBJECT – SCIENCE

Very Short Answer Type Questions

1. Write a diseases most common in cattles.
2. Name the sheep which was cloned successfully by Dr.Ian Wilmut at the Roslin Institute in Edinburg ,Scotland
3. What force acting on an area of 0.5m^2 will produce a pressure of 500 pa ?
4. What are the units of inheritance in living organisms?
5. Name any fungal disease of wheat.
6. Apart from textile, where is polyester used?
7. Name the non-metal which is good conductor of heat.
8. Name one thermosetting plastic which is a good insulator and is used to make plugs and switches.
9. Name two metals which can be easily cut with knife.
10. How many chromosomes are present in human beings?

Short Answer Type Questions-I

11. Write short note on puberty.
12. Define the following terms: a) Metamorphosis b) Menstruation
13. How does refrigeration and freezing help in food preservation?
14. Explain the biological method of weeding.
15. What are antibiotics? What precautions must be taken while taking antibiotics?
16. Why do mountaineers suffer from nose bleeding at high altitudes?
17. Why is rolling friction less than sliding friction?
18. Explain two disadvantages of friction.
19. Give two characteristics and uses of alloys.
20. Explain any two practices which should be adopted by an individual to maintain reproductive health.

Short Answer Type Questions-II

21. How is Rayon made and why it is called a regenerated fibre?
22. State any two physical and two chemical properties that prove that copper and iron are metals.
23. Diagrammatically explain the sex determination of a baby in human.
24. Differentiate between thermoplastic and thermosetting plastics. Give two examples of each.
25. Corrosion is slow eater of many metals. Justify the statement citing the examples of iron, copper and silver.
26. Explain the various types of groups in which microorganisms are divided with the help of suitable examples.
27. Explain the terms a)Crop rotation b)Emasculatation c)Nitrogen assimilation
28. Draw a neat and labeled diagram of endocrine system and explain the function of thyroxine and aldosterone hormone.
29. What is a lightning conductor? How does lightning strike the ground?
30. What is gold-leaf electroscope? Explain in detail the uses of a gold -leaf electroscope

Long Answer Type Questions

31. Define the term fertilization. Draw a labeled diagram to show the fertilization of a human egg by a sperm to form a zygote.

32. What are non-contact forces? Explain its different types with the help of examples.
33. Explain any five environmental hazards of plastics.
34. a) What is reactivity series of metals? Draw the reactivity series table also.
 b) Write two uses each of chromium, carbon and phosphorus.
35. What is menstrual cycle? Explain the sequence of events that occur during a menstrual cycle.

Multiple Choice Questions

36. Substances are called lubricants which are used to
 a) Increase friction
 b) Decrease friction
 c) Both a and b
 d) None of these
37. Which of the following microorganism lack chlorophyll and derive their nutrition from decaying matter?
 a) Virus
 b) Algae
 c) Protozoa
 d) Fungi
38. Conversion of nitrates into free nitrogen gas is called as
 a) Nitrification
 b) Denitrogenation
 c) Denitrification
 d) None of these
39. The foetus receives nourishment and oxygenated blood from the mother through this
 a) Fallopian tube
 b) Ovary
 c) Uterus
 d) Placenta
40. The disease caused by a protozoan and spread by an insect is
 a) Dengue
 b) Malaria
 c) Polio
 d) Measles
41. Which of the following metals react and catches fire on exposure to air?
 a) Phosphorus
 b) Nitrogen
 c) Sulphur
 d) Hydrogen
42. Which is an example of static friction
 a) Ice skating on a frozen pond
 b) Pushing a box that is at rest
 c) Braking a car going down a hill
 d) Driving a car up a hill
43. Metal react with oxygen to form
 a) Acidic oxides
 b) Basic oxides
 c) Either acidic or basic oxides
 d) there is no reaction
44. Clouds can charge tall buildings and trees by
 a) Friction
 b) Induction
 c) Conduction
 d) Lightning
45. The multicellular organism which reproduces by budding is
 a) Amoeba
 b) Yeast
 c) Paramecium
 d) Hydra
46. An instrument used to measure liquid pressure
 a) Barometer
 b) Ammeter
 c) Manometer
 d) Hygrometer

47. Which metal develops a protective layer over its surface by reaction with air?

- a) Iron
- b) Zinc
- c) Silver
- d) Aluminium

48. Tadpole is the larva of

- a) Fish
- b) Frog
- c) Mosquito
- d) Butterfly

49. A place of origin of an earthquake inside the earth is called

- a) Seismic focus
- b) Epicentre
- c) Seismic waves
- d) Seismogram

50. Which of the following is carried by urethra?

- a) Urine
- b) Semen
- c) Both of these
- d) None of these