

DELHI PUBLIC SCHOOL, JAMMU
REVISION SHEET FOR FINAL EXAMINATION
(Session 2019-20)

Class: VIII

Subject: Science

General Instructions:

1. *The revision sheet consists of three sections A, B and C. The sections are to be attempted separately. All questions are compulsory.*
2. *All questions in Section A are one mark question comprising VSA type, assertion-reason type questions and MCQs.*
3. *All questions in section B are three marks, short answer type questions. These are to be answered in 50 – 60 words each.*
4. *All questions in section C are five marks, long answer type questions. These are to be answered in 80 – 90 words each.*
5. *This revision sheet consists of a total of 32 questions.*

SECTION- A

1. Define ignition temperature.
2. Define carbonization.
3. Why did IUCN Prepare the Red Data Book?
4. Light bends as it passes from one medium to another. What is this phenomenon called?
5. Name four endocrine glands and the hormones they secrete.
6. Name a non-metal which is liquid at room temperature.
7. **Answer question numbers 7(a) -7(c) and 8(a)-8(c) on the basis of your understanding of the following paragraph and the related studied concepts.**

The liquids that conduct electricity are solutions of acids, bases and salts .Distilled water is a poor conductor of electricity. The passage of an electric current through a conducting solution causes chemical reaction or may cause formation of bubbles of a gas on the electrodes, deposits of metals on electrodes, changes the color of solution etc. When electric current is passed through an aqueous solution of common salt, it decomposes the chemical compound into its ions.

- a) What is electrolysis?
- b) What are electrodes?
- c) Name the two liquids which are poor conductor of electricity.

8. An English Scientist discovered the cell in 1665. He observed slices of cork under his self designed crude microscope. He noticed a large number of compartments in the cork slice resembling the structure of a honey comb. He had actually seen the dead walls of plant cell. These cells had lost their living content and looked like little rooms.

- a) Who discovered cell?
- b) What is the function of cell wall in plant cells?
- c) What is the function of a compound microscope in the field of science?

9. Assertion: Boron and Arsenic are metalloids.

Reason: These elements show intermediate properties of metals and non metals.

10. Assertion: Cell wall is a non living rigid structure.

Reason: Cell wall does not give the shape to the cell.

11. Assertion: Coal and petroleum are called fossil fuels.

Reason: Fossil fuels are formed from the remains of dead organisms after millions of years.

For question no. 9 to 11, there are two statements marked as Assertion (A) and Reason (R). Mark your answer as per the codes provided below:

- (a) Both A and R are true and R is correct explanation of the assertion.
- (b) Both A and R are true but R is not the correct explanation of the assertion.
- (c) A is true but R is false.
- (d) A is false but R is true

12. The bronze medals are made up of

- a) Copper and Zinc
- b) Copper and Tin
- c) Zinc and nickel
- d) Copper, Zinc and Tin

13. Burning of charcoal in a closed room will produce

- a) Carbon dioxide
- b) Nitrogen dioxide
- c) Carbon monoxide
- d) All of the these

14. Which of the following is not likely to cause Tsunami?

- a) A major nuclear explosion under sea
- b) Earthquake
- c) Volcanic eruption
- d) Lightning

15. Transfer of which atomic particle produces charge in a body?

- a) Neutron
- b) Electron
- c) Proton
- d) All of these

16. The fibre made up by the chemical treatment of wood pulp is:

- a) Rayon
- b) Nylon
- c) Polyester
- d) None of these

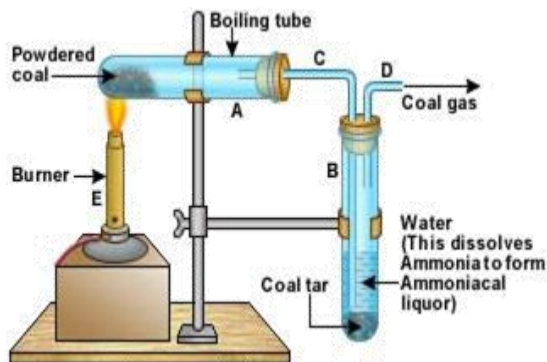
SECTION- B

17. Explain how the use of plastics has a bad effect on the environment.

Or

Write three differences between thermosetting plastics and thermoplastics.

18. Observe the diagram carefully and answer the following questions.



- a) What is destructive distillation of coal?
- b) Give two uses of coal tar.
- c) What are the constituents of coal gas?

19. Observe the picture carefully and answer the following questions.



- a) Identify the given picture.
 - b) Which category of species is this?
 - c) What is the natural habitat of this species?
20. Diagrammatically show how myopia is caused and corrected?
21. How is burning of fossil fuels thought to be related to global warming?
22. Deforestation can lead to desertification .How?
23. How do metals react with dilute acids? Explain with the help of an example.
24. What happens to the ovum when it is not fertilized in the fallopian tube?
25. What do you mean by non-electrolyte? Name any two non-electrolytes.
26. What happens when a copper vessel is exposed to moist air for a long time?

SECTION- C

- 27.a)What is rayon? How is rayon made?
b) Give any two uses of rayon.
- Or
- a) Name the monomers of the following polymers; a) Cellulose b) Nylon
b) Write any four advantages of synthetic fibres over natural fibres.
28. Explain the harmful effects of the increased use of fuels on the environment.
29. How is the sex determined in human beings? Explain with the help of a flow chart.
30. a)What is a lightning conductor? Diagrammatically show how lightning occurs between charged clouds and tall trees?
b) Explain two useful effects of lightning.
31. a)What is meant by spontaneous combustion?
b) Write any four characteristics of an ideal fuel.
- 32.a)What are petrochemicals?
b) Suggest some methods to reduce the LPG consumption at home.