

Class IX
Science
Assignment

- Q 1. Name the term which is used for the following:
- (a) The left and right halves of the body having the same design
 - (b) The animal tissue differentiate into three embryonic germ layers
- Q 2. State the phylum to which centipede and prawn belong.
- Q 3. What is notochord? Mention its function.
- Q 4. On what basis are the animals divided or classified?
- Q 5. (a) Write any four features that all chordates possesses.
(b) Explain the three basic features for grouping all organisms into five major kingdoms.
- Q 6. (a) Write any two significance of classification.
(b) Classify the following plants into different plant divisions – spirogyra, fern, funaria, pinus, apple tree and mustard plant.
- Q 7. Name the protozoans that cause:
- (a) Sleeping sickness
 - (b) Kala-azar
- Q 8. Write the names of any two microbial diseases that are transmitted y sexual contact.
- Q 9. Name the causal organism of AIDS. Why a person suffering from AIDS cannot fight even very minor infection?
- Q 10. What is immunization? List two diseases against which vaccines are available.
- Q 11. List four ways of spreading communicable diseases.
- Q 12. What are vectors? Give two examples.
- Q 13. What are non-infectious diseases? Give two examples.
- Q 14. Explain why antibiotic do not work against viruses but work against many group of bacteria.

- Q 15. Identify infectious and non-infectious diseases from the following:
TB, Goitre, Marasmus, Typhoid, AIDS
- Q 16. Write four main symptoms of Jaundice (Hepatitis).
- Q 17. How does personal health relate to community health?
- Q 18. (a) Which disease is more harmful : Acute or Chronic? Why?
(b) Why are we advised to take bland and nourishing food when we are sick?
- Q 19. Write the symptoms when following organs are targeted by microbes:
(a) Lungs, (b) Liver, (c) Brain
- Q 20. State the role of atmosphere in climate control.
- Q 21. Name the free living nitrogen fixing bacteria.
- Q 22. What is the importance of green house gases present in the atmosphere?
- Q 23. Which part of the solar radiation is absorbed by ozone layer?
- Q 24. Name two biologically important organic compounds that contain both oxygen and nitrogen.
- Q 25. State the role of respiration in 'Oxygen Cycle'.
- Q 26. What is biogeochemical cycle?
- Q 27. Write the harmful effects of the ultraviolet rays.
- Q 28. What is meant by the depletion of ozone layer? State (a) two causes and (b) two effects of depletion of ozone layer in the atmosphere.
- Q 29. 'Organisms play a vital role in nitrogen fixation'. Write the names of two such organisms.
- Q 30. What are the two forms of oxygen found in atmosphere? What is their importance?
- Q 31. What is greenhouse effect? List two greenhouse gases. State the ultimate effect of increase in greenhouse gases in the environment.
- Q 32. Draw a labelled diagram to show Nitrogen cycle in nature. List any four organisms involved in this cycle.