

Atomic Energy Central School - 5, Mumbai

Periodic Test - 1, Session: 2023-24

Class: VIII

Subject: SCIENCE

Time: 90 min

Max. Marks: 40

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**General Instructions:**

1. This question paper consists of four sections A, B, C, D.
  2. Section A has 20 MCQs questions & each question carries 1 mark.
  3. Section B has 3 questions and each question carries 2 marks.
  4. Section C has 3 questions and each question carries 3 marks.
  5. Section D has 1 question and carries 5 marks.
  6. Draw a neat labelled diagram wherever necessary.
  7. All the question are compulsory.
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**SECTION – A**

**MCQs:**

**(1x20=20).**

1. Cholera is caused by  
a. Virus                      b. bacteria                      c. fungus                      d. Alga
2. Seed drill is used for  
a. harvesting                      b. wedding                      c. sowing                      d. filling
3. Which is not a kharif crop?  
a. paddy                      b. maize                      c. cotton                      d. pea
4. The microorganism which contains chlorophyll is  
a. virus                      b. alga                      c. fungus                      d. all
5. carrier of malaria causing pathogen is  
a. cockroach      b. butterfly      c. female anopheles                      d. housefly
6. alcohol is produced with the help of  
a. yeast                      b. nitrogen                      c. carbon dioxide                      d. sodium chloride
7. Conversion of vegetation into coal is called as  
a. distillation                      b. carbonization                      c. coal gas                      d. natural gas
8. Name the petroleum product used for surfacing of roads  
a. coke                      b. petrol                      c. bitumen                      d. paraffin wax
9. The first step before growing crop is

- a. Preparation of soil      b. levelling      c. harvesting      d. sowing
10. Least polluting fuel for vehicle is
- a. coke      b. petrol      c. CNG      d. diesel
11. Which one is not a coal product
- a. coal tar      b. coal gas      c. coke      d. lime
12. The process of separation of grain from the chaff after harvesting is known as
- a. Winnowing      b. threshing      c. spraying      d. weeding
13. Which bacteria help in settling of curd
- a. rhizobium      b. azotobacter      c. lactobacillus      d. bacillus
14. Assertion (A)-farmers have to add manure to the fields to replenish the soil with the nutrients.  
Reason (R)- Continuous cultivation of crops makes the soil rich in nutrient.
- a. Both A and R are true and R is the correct explanation of A.  
b. Both A and R are true but R is not the correct explanation of A.  
c. A is true but R is false.  
d. A is false but R is true.
15. Assertion (A)-Bacteria and fungus are used to make medicines.  
Reason (R)-These medicines kill or stop the growth of disease-causing microorganisms.
- a. Both A and R are true and R is the correct explanation of A.  
b. Both A and R are true but R is not the correct explanation of A.  
c. A is true but R is false.  
d. A is false but R is true.
16. CNG is obtained when:
- a. natural gas is subject to low pressure      b. natural gas is subject to high pressure  
c. butane gas is subject to high pressure      d. none of the above

**Read the following paragraph and answer the question number 17 to 20.**

The supply of water to crops at different intervals of **irrigation**. The time and frequency of irrigation varies from crop to crop, soil to soil and season to season. In summer, the frequency of watering is higher.

**Sources of irrigation:** The sources of irrigation are wells, tube-wells, ponds, lakes, dams and canals.

17. Which one of the following is a traditional method of irrigation?
- a. Sprinkler system      b. drip system      c. dhekli      d. all

