

APPENDIX DTest No. 1

Std. VIII

Marks : 10

Date : 16.11.99

Sub : Science

Time : 35 Min.

Section A

- Q.1. Differentiate between the preparation of bread and the preparation of curd. (4)
- Q.2. Answer the following in short (any one) (2)
- a) What is microbial fermentation ?
  - b) Name the various types of food materials we consume.

Section B

- Q.3. Fill in the blanks with suitable word. (4)
- a) Proteins are converted into ... after the process of digestion.
  - b) The antibiotic preparing plant is situated at ...
  - c) ... antibiotic is used to cure a number of diseases.
  - d) ... antibiotic is administered to the patient suffering from tuberculosis.

Test No. 2

Std. VIII

Marks : 10

Date : 19.11.99

Sub : Science.

Time : 35 Min.

Section A

Q.1. Match the following. (3)

Col. ACol. B

- |  |  |
|--|--|
| 1. Bacteria of the family rhizobeacea    | a) Humus.  |
| 2. Soil                                  | b) Storehouse of mirco-organism.                   |
| 3. Dead and decaying plants and animals. | c) lives in the root nodules of leguminous plants. |

Section B.

Q.2. Answer the following in short. (4)

- a) Which are the various components of air ?  
What is the percentage of each one in air ?
- b) ' What is the fixation of Nitrogen ? '

Q.3. Answer the following question in 4-5 sentences (3)

Name the two families of micro-organisms that fix atmospheric nitrogen. How will you observe the rhizobium bacteria under the micro-scope.

Test No. 3

Std. VIII

Marks : 10

Date : 23.11.99

Sub : Science.

Time : 35 Min.

Section A :

Q.1. Answer what will you do in the following cases (2)

- a) To prevent decay of wood during the rainy season.
- b) To prevent food-poisoning.

Q.2 Match the following. (2)

Col. A.Col. B

- |                             |                                    |
|-----------------------------|------------------------------------|
| 1. Microbes have            | a) during rains.                   |
| 2. Fungal growth on leaves. | b) ability to decompose cellulose. |
| 3. Wooden articles.         | c) Clostridium bacteria            |
| 4. Tanned food.             | d) can be protected by vanishing.  |

Q.3. Answer in short. (2-3 sentences) (3)

- a) What are nuisance micro-organism ? Give an example.
- b) How does curd become bitter ?

Q.4. Answer in 5-6 sentences. (3)

Name the poisonous organisms which cause food poisoning and also name the chemical it produces. What are the symptoms of food poisoning?

Test No. 4

Std. VIII

Marks : 10

Date : 25.11.99

Sub : Science.

Time : 35 Min.

Section A :

Q.1. Fill in the blanks. (4)

1. Salt is a ... preservative.

2. ... is an effective way of purifying water.

3. Food kept in a ... does not spoil as the temperature is very low around 5° C.

4. Chemicals used to preserve food are called as...

Q.2. What will you do .. ? (2)

i) To preserve fruits like raw mangoes, lemon and chillies.

ii) To preserve morambas.

Section B

Q.3. Answer in short. (4)

a) What are artificial preservation ? Give examples.

b) What is refrigeration of food ?

Comprehensive Unit Test I

Std. VIII

Marks : 40

Date : 26.11.99

Sub : Science.

Time : 1½ Hrs.

Section A

Q.1. Answer in one word. (10)

1. The bacteria produced in tanned food.
2. Bacteria responsible for food poisoning.
3. One symptom of food poisoning.
4. Micro-organism used in preparation of bread
5. Chemicals produced by micro-organisms which help in treatment of diseases.
6. Disease causing micro-organism.
7. Name the scientist who discovered Penicillin.
8. Antibiotics used for treating many diseases.
9. A preservative added to Jams and sauces.
10. Natural preservatives.

Q.2. Match the following. (4)

Col. A.Col. B.

- |                   |   |
|-------------------|---|
| 1. Lactobacillus  | a) Rhizobium.   |
| 2. Preservatives. | b) increases fertility of soil.                           |
| 3. Humus          | c) Bacteria responsible for conversion of milk into curd. |

4. Fixing of Nitrogen. d) used to preserve and protect food from micro-organism.

Q.3. Fill in the blanks. (5)

1. The bacteria ... lives in the roots nodules of leguminous plants.
2. The lactose sugar present in milk is converted into... during making of curd.
3. The production of ... gas during preparation of bread makes it soft and fluffy.
4. ... is a broad spectrum antibiotic.
5. The antibiotic manufacturing plant in Maharashtra is situated at...

Section B.

Q.4. Differentiate between (9)

1. Preparation of bread and preparation of curd.
2. Rhizobium bacteria and Azatobacterium.
3. Natural and artificial preservatives

Q.5. Answer the following questions in 7-8 sentences.

(12)

1. Describe the various ways in which food is preserved in a condition safe for consumption.
2. Describe in brief the production of ethyl alcohol
3. What are nuisance micro-organisms ?  
Describe various examples of havoc they play in your lives.

Test No. 5

Std. VIII

Marks : 10

Date : 30.11.99

Sub : Science

Time : 35 Min.

Section A :

Q.1. Answer the following questions in 2-3 sentences (4)

- a) Define Natural Resources.
- b) In what way is atmospheric nitrogen useful to us ?

Section B.

Q.2. A) Match the following. (2)

Col. A.Col. B.

- |                   |  |
|-------------------|--|
| a) Sun            | 1. resources from water.                     |
| b) Lakes, rivers, | 2. . Treasure house of<br>natural resources. |
| c) Earth          | 3. chief natural resources.                  |
| d) oxygen.        | 4. resource from <b>air</b>                  |

B) Write True or False (4)

- a) Man is independent of nature.
- b) Oxygen from air is useful to all living things.
- c) Seawater is a source of Common salt.
- d) Ultra violet rays are harmful to man.

Test No. 6

Std. VIII

Marks : 10

Date : 2.12.99.

Sub : Science.

Time : 35 Min.

Section A

Q.1. Answer the following questions in 2-3 sentences.

(4)

- a) Describe the natural resources found in the bowels of the earth.
- b) Classify the natural resources and give example belonging to each class.

Q.2. Explain how the cultural life of a nation is affected by its Fauna and flora. ? (3)

Q.3. Fill in the blanks. (3)

- a) ... is a gaseous element found in nature.
- b) Natural resources are found in ... .. and ...
- c) ... is a source of common salt.

Test No. 7

Std. VIII

Marks : 10

Date : 04.12.99

Sub : Science.

Time : 35 Min.

Section A.

Q.1. Explain the following statement. (3)

' Plants and Animals are renewable natural resources. '

Q.2. Classify the following into renewable and non-renewable resources. (2)

Petroleum, Coal, Plants and Animals, Diesel, Wind, Air, Water, Natural gas.

Q.3. Write two differences between renewable and non-renewable resources. (2)

Q.4. Write True or False. (3)

1. Sanctuaries help in the preservation of endangered plant and animal species.
2. When the coal mines at one place are exhausted we have to hunt for coal mines in other places.
3. Non-renewable natural resources need be conserved.

Test No. 8

Std. VIII

Marks : 10

Date : 07.12.99

Sub : Science.

Time : 35 Min.

Section A.

Q.1. What are the consequences of increasing population on natural resources. (3)

Section B.

Q.2. a) What is the significance of the grace said before or after meals ? (2)

b) What is the peculiar characteristic of water taps on railway platforms? (2)

Q.3. What will you do to conserve the following at your home ? (2)

1. Water.
2. Electricity.
3. Petrol.

Test No. 9

Std. VIII

Marks : 10

Date : 09.12.99

Sub : Science.

Time : 35 Min.

Section A.

Q.1. Explain the following statement. (3)

Wanton deforestation is likely to result in a rise in atmospheric temperature in future.

Section B.

Q.2. Name the gases which deplete the ozone layer. (2)

Q.3. Write **two** functions of the ozone layer. (2)

Q.4. Match the effect with the causes. (3)

Col. ACol. B.

- |   |   |
|---|---|
| 1. Higher temperature<br>of atmosphere. | a) endanger mankind.  |
| 2. Ozone layer<br>depletion.            | b) will melt ice in polar<br>regions.                                 |
| 3. Exhaustion of<br>Natural resources   | c) will result in harmful<br>ultra violet rays<br>reaching the earth. |

Test No. 10

Std. VIII

Marks : 10

Date : 11.12.99

Sub: Science.

Time : 35 Min.

- Q.1. Explain the various methods of controlling the consumption of Natural resources. (3)
- Q.2. Write notes on any two (4)
1. Planned deployment of Natural resources.
  2. Misuse of Natural resources.
  3. Use of weapons.
- Q.3. Match the following. (3)

Col. ACol. B.

- |                                      |  |
|--------------------------------------|--|
| 1. Planned use of Natural resources. | a) are engaged in production of weapons.                 |
| 2. Plantation of trees.              | b) Needed at national and international level.           |
| 3. Many countries all over the world | c) will keep the air pure and will prevent soil erosion. |

Comprehensive Unit test - II

Std. VIII

Marks : 40

Date : 13.12.99

Sub : Science.

Time : 1½ hrs.

Section A.

Q.1. Answer the following questions in one word. (10)

- a) Material which occur naturally and are useful to man.
- b) ... is the biggest consumer of Natural resources.
- c) Name two gaseous elements present in air.
- d) What is our National flower ?
- e) Name two minerals found in the sea.
- f) Name two renewable sources.
- g) ... is a source of common salt.
- h) Which is the national animal of Australia ?
- i) The layer of the atmosphere which protects us from the harmful ultra violet rays of the sun.
- j) The ozone layer of the atmosphere gets damaged due to the presence of ... gases.

Q.2. Match the following.

(4)

Col. A.Col. B

- |                    |                     |
|--------------------|---------------------|
| 1. Improper use of | 1. is due to Carbon |
| Natural resources. | monoxide gas.       |

- |  |   |
|--|---|
| 2. Land is                               | 2. increase in $\text{CO}_2$ in atmosphere. |
| 3. Rising deforestation and consumption. | 3. Treasurehouse of Natural resources.      |
| 4. Depletion of ozone layer.             | 4. will lead to crisis.                     |

Section B.

- Q.3. Write short notes on (6)
- Planned uses of Natural resources.
  - Misuse of Natural resources.
- Q.4. Differentiate between (6)
- Renewable and Non-renewable resources.
  - Resources from Land and resources from air.
- Q.5. Answer the following questions. (12)
- Explain with examples how man is biggest the biggest consumer of Natural resources.
  - How can you contribute towards the conservation of Natural resources ?
  - What are the problems caused by the inequitable distribution of Natural resources ?
  - Is weapon related research - a boon or curse ?
- Q.6. Classify the following Natural resources into (2)
- air, water, land. :: Salt, petroleum, wood, coal, plants, oxygen, fishes, minerals.