

ANNUAL EXAMINATION – 2012-2013

Class – VI

SUBJECT – Biology

Time – 1½ hrs.

M.M. – 80

Answer to this paper must be written on paper provided separately.

You will not be allowed to write during the first 15 minutes.

This time has to be spent in reading the question paper.

The time given at the head of this paper is the time allowed for writing the answers.

The intended Marks for question or parts of questions are given in the brackets [].

Section – A (40 Marks)**Answer all questions****Question 1**

- A- Select the correct answer for each statement - [5]
- i) Planting of more trees is called -
- | | |
|------------------|----------------------|
| a) Deforestation | b) Afforestation |
| c) Crop rotation | d) Soil conservation |
- ii) The soil with the best water retaining capacity is -
- | | |
|----------------|---------------|
| a) Clayey soil | b) Sandy soil |
| c) Loamy soil | d) Humus |
- iii) Deficiency diseases are caused due to -
- | | |
|-------------|----------------------|
| a) Viruses | b) Bacteria |
| c) Protozoa | d) Lack of nutrients |
- iv) Carbohydrates and fats provide us with –
- | | |
|-------------|-----------|
| a) Vitamins | b) Energy |
| c) Minerals | d) Water |
- v) Animals depend on plants for -
- | | |
|-------------------|--------------------|
| a) Food alone | b) Shelter alone |
| c) Carbon dioxide | d) Food and oxygen |
- B- Complete the following sentences - [5]
- a) The most fertile layer of the soil is _____.
- b) Black soil is also called _____.
- c) The outermost solid layer of the earth is called _____.
- d) A consumer that eats only plants is a _____ consumer.
- e) Malaria is spread by an infected female _____.
- C- Write True and False. Rewrite false statement correctly - [4]
- a) Washing your hands can prevent the spread of deficiency diseases.
- b) Carbohydrates and fats are called protective foods.
- c) Typhoid and Cholera are diseases which are spread by insects.
- d) Subsoil is rich in humus.
- D- Give one word for the following - [5]
- a) It is a layer with lumps of parent rock material.
- b) It is an airborne disease.
- c) It is a complex feeding relationships that contains several food chains.
- d) It is a part of earth made up of water.
- e) Substance that pollutes air, water or land.
- E- Define the terms - [4]
- | | |
|----------------|-------------------------|
| a) Lithosphere | b) Energy –giving foods |
| c) Bedrock | d) Terrace farming |
- F- Circle the odd one out. Give reasons for your choice - [6]
- a) Top soil, subsoil, parent rock, sand
- b) Rain, wind, overgrazing, afforestation
- c) Calcium, phosphorus, iron, vitamin A
- d) Soil, light, fungi, water
- e) Frog, grasshopper, lizard, cow
- f) Typhoid, tetanus, cholera, polio
- G- Differentiate between [6]
- a) BIOTIC FACTORS and ABIOTIC FACTORS
- b) PERSONAL HYGIENE and COMMUNITY HYGIENE
- c) PRODUCERS and CONSUMERS
- H- Match the following statement - [5]
- | | |
|---------------|-----------|
| Column A | Column B |
| a) Queen bee | Hens |
| b) Poultry | honey bee |
| c) Malaria | Mineral |
| d) Phosphorus | Mosquito |
| e) Top soil | A-horizon |

Section – B [40 Marks]
Answer any four questions

Question 2

- i) What is weathering of rocks? [2]
- ii) What is soil erosion? What are the various factors responsible for it? [4]
- iii) Name the different steps that can be taken to conserve soil. How does afforestation help to conserve the soil? [4]

Question 3

- i) Define the term balanced diet. [2]
- ii) What is air pollution? How does it affect our health? [5]
- iii) Give at least three ways to keep one's eyes healthy? [3]

Question 4

- i) List two ill effects of acid-rain. [2]
- ii) Define water pollution and noise pollution. [4]
- iii) Write 4 products each that we receive from plants and animals. [4]

Question 5

- i) List the five types of nutrients contained in our food. [5]
- ii) Why the earthworm are called farmer's friend? [2]
- iii) List the three method adopted for proper disposal of wastes. [3]

Question 6

- i) What is the sanction of roughage? Name three foods rich in roughage? [3]
- ii) Give 2 example each of Biotic component and abiotic component. [4]
- iii) Draw a well labeled diagram of lifecycle of silk moth. [3]

Question 7

- i) Write three uses of soil? [3]
- ii) Name the three types of soil depending upon the quantity of various sized particles? [3]
- iii) Name the four layers observed in soil profile with the diagram. [4]

