

I. Choose the correct answer:

- Carbohydrates are rich in _____.
a. ghee b. fruits c. rice d. oil.
- Storage of excess fat in the body is known as _____.
a. obesity b. head ache c. fever d. stomach pain
- _____ of water is in oceans and seas.
a. 97% b. 87% c. 47% d. 77%
- _____ water is free from suspended impurities.
a. well water b. under ground water c. sea d. river
- Male reproductive organ of the flower is _____.
a. sepal b. petal c. androecium d. gynoecium
- Pollination takes place by wind in _____.
a. grass b. vallisneria c. hydrilla d. lotus
- Entomophily is known as _____.
a. pollination by insects b. pollination by wind
c. pollination by water c. pollination by animal.
- _____ is the low cost food with highly nutritive value.
a. pizza b. ponnanganni Keerai c. chicken d. pasta
- _____ is observed as world water day.
a. March 22nd b. April 22nd. c. June 22nd. d. January 22nd.

II. Fill in the blanks:

9x1=9

- Marasmus is a _____ deficiency disease.
- Night blindness is caused by the lack of _____.
- Cholera is caused by _____.
- The accumulated underground water comes out in the form of _____.
- Paddy grow well in _____ soil.
- The seed is a fertilized _____.
- The process of changing water into water vapour by the heat of sun is called _____.
- The continuous movement of water from the Earth to atmosphere and back to the Earth is known as _____.
- Neelakurinji blossoms once in _____ years.

III. State whether True or False:

9x1=9

- Sea water is called saline water.
- Rain water harvesting can reduce top soil loss.
- Vinegar is added as a preservative for pickles.
- Growing children need more proteins in their food.

- Deficiency due to iodine is called beri beri.
- Maize is a dicotyledonous plant.
- Chlorophyll is a yellow colour pigment.
- Dengue is caused by male mosquito.
- Plastic waste should be thrown in open drains.

IV. Match the following:

9x1=9

- | | | |
|--------------------|---|--------------------------|
| 28. Rickets | - | pollute marine organisms |
| 29. Kerosene | - | Natural fertilizer. |
| 30. Swine Flu | - | bisexual flower |
| 31. Reservoir | - | Vermi compost. |
| 32. Leakage of oil | - | Honey |
| 33. Bee | - | man-made lake. |
| 34. Earthworm | - | Influenza Virus. |
| 35. Hibiscus | - | Inflammable material |
| 36. Cow dung | - | Vitamin D |

V. Answer in short (any seven)

7x2=14

- How can we prevent obesity?
- Electrical appliances should not be used during gas leakage? Why?
- Write down the sources of water.
- What are reservoirs?
- Define pollination.
- How is soil formed?
- Name the pigment responsible for red colouration of the flower.
- Pick the odd one out and give reason. Pea, Bean, Rice, Castor.
- What are the processes involved in the water cycle?
- What is desalination?

VI. Answer in detail for any three of the following:

3x4=12

- Write the advantages of rain water harvesting.
- Write a note on parts of flower.
- Write about food preservation methods.
- Explain the purpose of food preservation.

VII. Diagram: [any 2]

2x4=8

- Food pyramid
- Water Cycle.
- Parts of the leaf.

VIII. Hots:

2x5=10

- Find the B.M.I of Methi weighing 40 kg. with height of 4 meters.
- Draw the life cycle of a flowering plant.