

Roll No.....

Total No. of Questions : 8]

[Total No. of Printed Pages : 3

SSEPKA-14
4105-A
SCIENCE-II

(~~Life~~ Science)

Time : 1 Hour + 15 Minutes extra to read the question paper]

[Maximum Marks : 28

(Long Answer Type Questions)

1. How is food transported in plants ?

Or

With suitable diagram describe the structure and functioning of Nephrons.

6

(Short Answer Type Questions)

2. What is the role of brain in reflex action ?

Or

Why are some patients of diabetes treated by giving injections of insulin ?

4

Turn Over

SSEPKA-14—4105-A
D-5-A

3. Explain with the help of diagrams Regeneration and Budding.

Or

With the help of labelled diagram briefly describe the germination of pollen on stigma.

4

4. What are variations and their importance ?

Or

How is the sex of the child determined in human beings ?

4

(Very Short Answer Type Questions)

5. Differentiate between food chains and food webs. 2
6. What is Ozone ? Name the main ozone depleting substance. 2
7. Suggest some approaches towards conservations of forest. 2

(Multiple Choice Questions)

8. Choose the correct answer in each of the following and write it in your answer-book :

(i) Regeneration occur in :

- (a) Planaria
- (b) Spirogyra
- (c) Hydra
- (d) All of these

(ii) Fertilization occur in :

- (a) Oviduct
- (b) Cervix
- (c) Vagina
- (d) Ovary

(iii) Non-conventional source of energy is :

- (a) Biogas and solar energy
- (b) Wood
- (c) Coal
- (d) Petroleum

(iv) Greatest problem for water conservation is to :

- (a) Reduce the amount of run off water
- (b) Evaporation
- (c) Precipitation
- (d) Ground water