

Annual Exams – Biology
8th Class

I. Conceptual Understanding:

5 X 2 = 10

Answer any five of the following questions.

1. What are antibiotics? How are they helpful to us?
2. What are the contributions of Dr. Y. Subba Rao to biology?
3. Name some diseases caused by protozoans?
4. “Homo Sapiens” is the scientific name given to man. What is the system adopted in giving scientific names?
5. Fill in the blanks in the table.

Sl. No.	Common Name	Scientific Name
1	Rice	
2		Mangifera Indica
3	Tamarind	
4		Archis hypogea

6. Fill in the blanks in the table.

Sl. No.	Name of the branch	Nature of Study
1		Classification of plants and animals
2	Ecology	
3		Study of animals
4	Pathology	

II. Experiments / Field Experiments:

2 X 5 = 10

Answer the following questions.

7. Go to a park or a garden or field nearby and identify atleast five different animals that you see around. Classify them according to their characteristics to the phyla they belong.
8. You visited an ophthalmologist (eye specialist) and got information on proper eye-care. Write those measures that help to protect your eyes.

III. Draw and labeling / Explanation:

2 X 5 = 10

Answer the following questions.

9. Draw the diagram of a chlamydomonas. Write the uses of Flagella.
10. Draw a neat labeled diagram of the sense organ having optic nerve, blind spot and conjunctiva.

IV. Innovative / Analysis / Higher Order Thinking Questions: 5 X 1 = 5

Answer the following questions.

11. What will happen if fungi are not present in the nature?
12. Doctors prefer sunflower oil usage to cardiac patients. Why?
13. Frame a thought provoking question on skin hygiene.
14. Why do contagious diseases spread rapidly in the classroom?
15. How do wild plants protect themselves from being eaten by animals?