



ST. JOSEPH STUDY CENTRE

11th STD: Mid Term Test-1

BIOLOGY

Timing: 1 Hr 30 mins / Total Marks: 50

BIO – BOTANY

I. Answer any 3 of the following questions:

[3 x 2 = 6]

1. What are the distinguishing features of monera?
2. Bryophytes need water for fertilization. Justify your answer.
3. Differentiate phylloclade and cladode.
4. What are the characteristic features of racemose inflorescence?

II. Answer any 3 of the following questions:

[3 x 3 = 9]

5. Write on the salient features of Cyanobacteria.
6. Write on the general features of Chlorophyceae.
7. Draw and label the parts of regions of root.
8. Explain the different types of placentation with example.

III. Answer any 2 of the following questions:

[2 x 5 = 10]

9. Give a general account of Lichen.
10. What are the general characteristic features of Pteridophytes?
11. Give an account of androecium and its fusion.

NOTE: SEPARATE PAPER FOR BOTANY AND ZOOLOGY

BIO – ZOOLOGY

I. Answer any 3 of the following questions:

[3 x 2 = 6]

1. Differentiate between probiotics and pathogenic bacteria.
2. List the functions of air bladder in fishes.
3. Why is blood considered as a typical connective tissue?
4. Why flatworms are called acoelomates?

II. Answer any 3 of the following questions:

[3 x 3 = 9]

5. What is the difference between a Zoo and wild life sanctuary?
6. List the features that all vertebrates show at some point in their development.
7. Differentiate white adipose tissue from brown adipose tissue.
8. Differentiate between elastic fibres and elastic connective tissue.

III. Answer any 2 of the following questions:

[2 x 5 = 10]

9. Can we use recent molecular tools to identify and classify organisms?
10. Write the classification of connective tissue and their functions.
11. List the salient feature of Mammalia.

-----ALL THE BEST-----

Test should be written under the supervision of your parents and get the answer paper signed from them.

No corrections should be made after the test timings. We expect your honesty.

Test Papers have to be submitted after the completion of all the 4 tests.

Submission Date of Test Papers: 27th July, 28th July, 29th July

Timings: 9.30 AM – 1.00 PM / 5 PM- 8 PM