

CLASS TEST  
B.Sc 5<sup>th</sup> SEM  
SUB. BOTANY (MAJOR)  
PAPER - 5.1

TIME : 1 hour

MARKS : 30

1. Answer the following questions :

1 × 5 = 5

- (i) Are bacteria Prokaryotic or eukaryotic ?
- (ii) Name the bacterial genera that form endospores.
- (iii) Who coined the term Virus.
- (iv) Give one example of RNA virus.
- (v) What is Plasmid ?

2. Define the following terms (Any 3)

2 × 3 = 6

- (i) Archaeobacteria
- (ii) Prions
- (iii) Bacterial binary fission
- (iv) Mesosomes

3. (i) Differentiate between Virus and viroids

3 × 3 = 9

- (ii) What are Chlamydiae ? Name a disease caused by them
- (iii) What are Mycoplasmas ?

4. (i) Write of the general characteristics of Rickettsiae.

5 × 2 = 10

(ii) Write short notes on nature of viruses

OR  
(iii) Write short notes on asexual method of bacterial reproduction.

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