2024

(FYUGP)

bas oncou (1st Semester) sion & staw &

Write short notesYNATOBillowing: 748x2-15

(Major) will (b)

Paper Code: C-1 BCC-01

(Microbiology and Phycology,)

sireras do noi Full Marks : 750 ston if sinW .3 Pass Marks: 40% Margaib Min

Time: 3 hours on hode still .a

at General characteristics of bacteria The figures in the margin indicate full marks elasiofor the questions algory (d)

Answer five questions, taking one from each Unit

7. Write a note on I-TINUell structure and

- Define evolution. Write a general account of Darwin's theory of evolution.
 - Write short notes on the following: $7\frac{1}{2}\times2=15$
 - (a) Concept of species

 (d)
 - Mechanism of speciation

(Turn Over)

L25/76

Classificatio Unit—2

	Second of the se	
3.	Write a note on the general structure and	
	types of virus.	15

- 4. Write short notes on the following: $7\frac{1}{2} \times 2 = 15$
 - (a) DNA virus (Cholina)
 - (b) Viroid and prions

UNIT—3

- 5. Write a note on the reproduction of bacteria with diagram.
- 6. Write short notes on the following: $7\frac{1}{2}\times2=15$
 - (a) General characteristics of bacteria
 - (b) Mycoplasma and spheroplasts

UNIT—4

- 7. Write a note on the cell structure and components of an algal cell in detail.
- 8. Write short notes on the following: $7\frac{1}{2}\times2=15$
 - (a) Range of thallus organization
 - (b) Methods of reproduction in algae

UNIT-5

- 9. Describe the reproduction and life cycle of Nostoc or Polysiphonia with suitable diagrams.
- 10. Write short notes on the following: $7\frac{1}{2} \times 2 = 15$
 - (a) General characteristics of Chlorophyta
 - (b) Life cycle of Chara

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