

474186

D 100669

(Pages : 2)

Name.....

Reg. No.....

SIXTH SEMESTER U.G. DEGREE EXAMINATION, MARCH 2024

(CBCSS—UG)

Zoology

ZOL 6B 12 T—ENVIRONMENTAL AND CONSERVATION BIOLOGY

(2019 Admission onwards)

Time : Two Hours

Maximum : 60 Marks

Section A

I. Short Answer Questions. Each question carries 2 marks :

- 1 What is the meaning of Environmental Biology ?
- 2 What are the basic concepts of ecosystem ?
- 3 Why is primary productivity important ?
- 4 What are the 3 important cycles in nature ?
- 5 What are the types of ecological indicators ?
- 6 What does Liebig's law of the minimum state ?
- 7 What does an S-shaped growth curve indicate ?
- 8 What is Ecotone ? Explain.
- 9 What is the Definition of Species Diversity ?
- 10 What is gamma diversity in ecosystem ?
- 11 Who founded the gene bank ?
- 12 What is a national park ? Explain.

(Ceilling : 20 marks)

Section B

II. Paragraph Questions. Each question carries 5 marks :

- 13 Give a brief note on Function of Ecosystem.
- 14 What is the Difference between in Primary Productivity and Net Primary Productivity.

Turn over

- 15 Give a brief note on Nitrogen Cycle.
- 16 Define Biotic Communities. And its Types.
- 17 What is environmental ethics and its importance ?
- 18 What are the 5 types of extinction ?
- 19 What was the purpose of the Kyoto agreement ?

Section C

III. Essay Questions. Answer any *one* question :

- 20 What is the importance of flora and fauna ?
- 21 What are the three crucial components of biodiversity ?