

Roll No. :

Total No. of Questions : 11]

[Total No. of Printed Pages : 3

BFMS-418

M.Sc. (Final) Examination, 2023

ZOOLOGY

Paper - VIII (b)

(Environmental Biology)

Time : 3 Hours]

[Maximum Marks : 75

Section-A

(Marks : 2 × 10 = 20)

Note :- Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

Section-B

(Marks : 5 × 5 = 25)

Note :- Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **5** marks.

Section-C

(Marks : 10 × 3 = 30)

Note :- Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

Section-A

1. Attempt all *ten* questions.

- (i) Write any *two* measures taken during pest management.
- (ii) Write any *four* renewable natural resources.

BRI-736

(1)

BFMS-418 P.T.O.

- (iii) Write *four* names of phytoplanktons which trap solar energy.
- (iv) Write *four* diseases caused by water pollution.
- (v) What is main theme of Biological Diversity Act, 2002 ?
- (vi) Write *four* measures to control the population explosion.
- (vii) Define Sanctuary.
- (viii) Write *two* ozone layer depletion effects.
- (ix) Write *two* advantages of correlation in science.
- (x) Write any *two* advantages of graph in presentation of environmental data.

Section–B

2. Explain sunlight as a natural renewable energy resource.

Or

Write a note on wind as a natural renewable energy resource.

3. Write a note on Air Pollution.

Or

Write a note on River Basin.

4. Write a note on Wild Life Protection Act, 1972.

Or

Write a note on International Conventions and Treaties.

5. Write a note on soil erosion.

Or

Write a note on Greenhouse Effect.

6. Describe analysis of physical factors of water and their role.

Or

Describe different bioassay techniques using in Environmental Science.

Section–C

7. Write an essay on Wild Life Resources.
8. Write an essay on Water Pollution.
9. Write an essay on Occupational Health Problems.
10. Describe about different man-made toxicants and their impact on animal life in different Environmental Ecosystems.
11. Describe in detail about Environmental Impact Assessment.