

[4]

SECTION 'C'

4 × 10 = 40

Long Answer questions (Word limit 400-450 words.)

**UNIT-I**

Q. 1. Write an essay on Ozone layer and Ozone hole.

**OR**

Write detail note on consequences of climate change.

**UNIT-II**

Q. 2. Write detail note on radioactive pollution.

**OR**

Write detail note on Noise pollution.

**UNIT-III**

Q. 3. Write an essay on Environmental impact assessment.

**OR**

Write detail note on environmental status of plants based on IUCN.

**UNIT-IV**

Q. 4. Write detail note on in-situ conservation with suitable examples.

**OR**

Write detail note on activities of Botanical survey of India for conservation and non-formal conservation efforts.

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[1]

ROLL NO.....

**BOT. 402/21**

**IV SEMESTER EXAMINATION, 2021**

**M.Sc. (BOTANY)**

**PAPER-II**

**PLANT ECOLOGY & CONSERVATION**

TIME: 3 HOURS

MAX.- 80

MIN.- 16

**Note:** The question paper consists of three sections A, B & C. All questions are compulsory.

**Section A- Attempt all multiple choice questions.**

**Section B- Attempt one question from each unit.**

**Section C- Attempt one question from each unit.**

SECTION 'A'

2 × 8 = 16

**MCQ (Multiple Choice Questions)**

1. The main cause of acid rain is -

(a) Soil pollution

(b) Water pollution

(c) Air pollution

(d) All of the above

2. Which is not a possible adverse effect of global warming -

(a) Sea level rise

(b) an Pncrease of UV radiation

(c) extraordinary weather patterns

(d) Melting of glaciers

3. Which of the following is the primary causes of water pollution -

(a) plants

(b) animals

(c) human activities

(d) none of these

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4. What is noise?  
(a) Desirable sound  
(b) Desirable and unwanted sound  
(c) Undesirable and unwanted sound  
(d) Undesirable and wanted sound
5. The reason/reasons for extinction of species is/are -  
(a) Hunting (b) Habital destruction  
(c) Over consumption (d) All of the above
6. Species mentioned in the Red data book are -  
(a) threatened (b) endangered  
(c) vulnerable (d) all of the above
7. Example of in-situ conservation is/are -  
(a) National Park (b) Wetland  
(c) Mangroves (d) All of the above
8. Example of ex-situ conservation is/are-  
(a) Wild life sanctuaries (b) Coral reefs  
(c) Seed Bank (d) National Park

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SECTION 'B'  $4 \times 6 = 24$

Short Answer Type Questions (Word limit 200-250 words.)

**UNIT-I**

**Q. 1.** Write note on effect of air pollution on plants and ecosystem.

**OR**

Write note on green house gases.

**UNIT-II**

**Q. 2.** Write note on effect of water pollution an plants and ecosystem.

**OR**

Write note on Soil pollution.

**UNIT-III**

**Q. 3.** Write note on plants used in Agro forestry and in pollution control.

**OR**

Write note on extinction.

**UNIT-IV**

**Q. 4.** Write note on NBPGR.

**OR**

Write note on ICAR.