

from the 5 units of each paper. There will be 10 questions in **Section A** which will be asked from all the 5 units, i.e., 2 questions from each unit. These questions have to be answered in one word or a few words only. Each question will be of half mark. All the questions in **Section A** are compulsory. In **Section B**, 10 questions will be set from the 5 units, i.e., 2 questions from each unit. Students are required to attempt at least 1 question from each unit. Each question will carry 5 marks. The answers of each question should be given in about 250 words. In **Section C** there will be 4 descriptive type questions set from all the 5 units, not more than 1 question from each unit. These questions may also have subdivisions. The students are required to answer 2 questions, each in approximately 500 words. Each question will carry 10 marks.

In short, pattern of question paper and distribution of marks for UG classes will be as under :

Section A : 10 questions, 2 questions from each unit, short answer, all questions compulsory.

Total marks : 05

Section B : 10 questions, 2 question from each unit, 5 question to be attempted, at least 1 from each unit, answer approximately in 250 words. Total marks : 25

Section C : 04 questions (question may have subdivision), not more than 1 question from each unit, descriptive type, answer in about 500 words, 2 questions to be attempted.

Total marks : 20

PRACTICAL (FORESTRY)

(Based on Paper I & II)

Time : 4 Hours

M.M. : 75

1. Collection and identification of forest seeds of Aravallis.
2. Nursery and Reforestation Practices.
3. Survey Mapping.
4. Tree Measurement, diameter, height and volume.
5. Nursery work - Seed Bed preparation, volume.
6. Identification and collection of economically important trees and propagules.
7. Study of the soil profile.

Note:

The paper setter is required to set questions of 3 types contained in 3 Sections (**Section A**- 10 questions, **Section B**- 10 questions and **Section C**- 4 questions) from the 5 units of each paper. There will be 10 questions in **Section A** which will be asked from all the 5 units, i.e., 2 questions from each unit. These questions have to be answered in one word or a few words only. Each question will be of half mark. All the questions in **Section A** are compulsory. In **Section B**, 10 questions will be set from the 5 units, i.e., 2

questions from each unit. Students are required to attempt at least 1 question from each unit. Each question will carry 5 marks. The answers of each question should be given in about 250 words.

Section C there will be 4 descriptive type questions set from all the 5 units, not more than 1 question from each unit. These questions may also have subdivisions. The students are required to answer 2 questions, each in approximately 500 words. Each question will carry 10 marks.

In short, pattern of question paper and distribution of marks for UG classes will be as under :

Section A : 10 questions, 2 questions from each unit, short answer, all questions compulsory.

Total marks : 05

Section B : 10 questions, 2 question from each unit, 5 question to be attempted, at least 1 from each unit, answer approximately in 250 words. Total marks : 25

Section C : 04 questions (question may have subdivision), not more than 1 question from each unit, descriptive type, answer in about 500 words, 2 questions to be attempted.

Total marks : 20

Books Recommended :

1. Dwivedi, A.P. : (1984) Forestry in India, Jugal Kishore & Co., Dehradun.
2. Sheh, S.A. : (1990) Forestry for People.
3. Khanna, L.S. : (1984) Principles and Practices of Silviculture, Khan Bandhu, Dehradun.
4. Tara Gandhi : (1989) Rajasthan Vegetation Index. Society for Promotion of Wastelands Development, New Delhi.
5. Pandey, D.N. : (1992) Wild Trees of Aravallis (Booklet) Govt. of Rajasthan Publication.
6. Pandey, D.N. : (1992) Wildlife, Protected Areas and People in India (A Monograph).
7. Nair, S.M. : (1992) Endangered Animals of India, National Book Trust, New Delhi.
8. R. Prakash and L. S. Khanna : (1989) Theory and Practice of Silviculture, Export Book Agency, Delhi.