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H-7441

**M.Sc. (Semester-IV) (CBCS)
Examination, 2022**

FARM FORESTRY II

(Social Forestry)

[FOR-401 (I/CCC)]

Time Allowed : Three Hours

Maximum Marks : 70

Minimum Passing Marks : 25

Note : Question paper is divided into four sections. Attempt questions of all four sections as per given direction. Distribution of marks is given in each section.

SECTION - A

(Objective Type Questions)

Note : All questions are **compulsory**. Each question carries **1** mark.

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(1)

[P.T.O.]

1. Attempt **any ten** questions of the following : [10×1=10]

- (i) The term social forestry was introduced by ____.
- (ii) NWDB was established in the year ____.
- (iii) Who initiated JFM concept ____ .
- (iv) The important key features of D&D is ____ .
- (v) Van Mahotsav was started in the year ____.
- (vi) Role of state forest department in JFM is as :
 - (a) Leader
 - (b) Observer
 - (c) Associate member
 - (d) Executive member
- (vii) D & D approach was developed by :
 - (a) ICRAF
 - (b) NRCAF
 - (c) ICRISAT
 - (d) ICAR

(viii) A major thrust to social forestry concept was given by :

- (a) Forest conservation report
- (b) NCA report
- (c) Indian Forest Act
- (d) National Forest Policy

(ix) Protein bank is a sub-system of :

- (a) Silvi-pastoral
- (b) Agri silvipastoral
- (c) Agri horticulture
- (d) Agri silviculture

(x) Which type of tree is better for noise abatement?

- (a) Deciduous
- (b) Semi-deciduous
- (c) Semi-evergreen
- (d) Evergreen

(xi) The major component of community forestry may be :

- (a) Formation of project
- (b) Planning of project
- (c) Peoples participation
- (d) Monitoring

(xii) Suitable tree species for reclamation of saline and sodic soils is ____ .

- (a) *Azadirachta indica*
- (b) *Prosopis Juliflora*
- (c) *Melia dubia*
- (d) *Acacia sp.*

SECTION - B

(Very Short Answer Type Questions)

Note : Attempt **any five** questions. Each question carries **2** marks. Maximum word limit is **25-30** words.[5×2=10]

2. (i) Social forestry.
- (ii) Farm forestry
- (iii) People participation
- (iv) Community forestry
- (v) Rural development
- (vi) Petro-crops
- (vii) Wastelands

SECTION - C

(Short Answer Type Questions)

Note : Attempt **any five** questions. Each question carries **4** marks. Maximum word limit is **250** words. [5×4=20]

3. (i) Role of social forestry in rural development.
- (ii) Strategy and objectives of social forestry.
- (iii) Energy plantation
- (iv) Woodlots

- (v) Village / community forest development nurseries.
- (vi) Role of NGOs in social forestry and rural development.
- (vii) Choice of species and management of social forestry plantations.

SECTION - D

(Long Answer Type Questions)

Note : Attempt **any three** questions. Each question carries **10** marks. [3×10=30]

- 4.
- (i) Describe forest dwellers, their tradition of forest conservation, right and concession.
 - (ii) Describe the joint forest management along with its principles and application.
 - (iii) Define the term D & D. Write D & D exercise in detail?
 - (iv) Explain the tree and land tenure issue and conflicts in details?

OR

Comment on the Clean development mechanism
and carbon trading.

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