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M.Sc. (Semester-II) Examination, July 2022

FARM FORESTRY

(Environment , Climate Change and Biodiversity Conservation)

[Paper : Fifth (ECC/CB)]

(CODE-FOR-B03)

Time Allowed : Three Hours

Maximum Marks : 70

Minimum Passing Marks : 25

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

SECTION - A

(Objective Type Questions)

Note : Attempt **any ten** questions. Each question carries **1** mark.

1. (A) Fill in the blanks : [10×1=10]

(i) Full form of REDD is _____ .

(ii) The National Institute of Oceanography is presently situated at ____ .

(iii) IUCN stands for _____ .

(iv) World Environment Day is celebrated on _____ .

(v) Full form of IPCC is ____ .

(B) Choose the correct alternative :

(vi) The National Park known for one horned rhinoceros is :

(a) Pench

(b) Kaziranga

(c) Gir

(d) Kanger valley

(vii) ICFRE is situated at :

(a) Kolkata

(b) New Delhi

(c) Dehradun

(d) Bangalore

(viii) The Man and Biosphere (MAB) programme was started during :

(a) 1971

(b) 1990

(c) 1980

(d) 1982

(ix) Ex-situ conservation includes :

(a) Botanical gardens

(b) Zoo

(c) Pollen banks

(d) All of the above

(x) Which among the following National Park is located in Chhattisgarh :

(a) Indravati NP

(b) Sanjay NP

(c) Kanger valley NP

(d) All of the above

(xi) The Ultra Violet rays in the atmosphere are checked by :

(a) CO

(b) SO_2

(c) NO_2

(d) O_3

(xii) Biodiversity increases from _____ to ___ .

(a) Equator to Poles

(b) Poles to Equator

(c) Both (a) and (b)

(d) None of the above

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) Mineral resources

(ii) Deforestation

(iii) Major Green House Gases

(iv) CBD

(v) Poaching of wild life

(vi) Values of biodiversity

(vii) Endangered and endemic species

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) Solid wastes and Hazardous substances

(ii) Global Warming

(iii) Renewable and Non-Renewable energy Resources

(iv) Hot Spots of Biodiversity

(v) Man-Wild Conflicts

(vi) Impact of climate change on coastal ecosystem

(vii) Disaster Management

SECTION - D

(Essay Type Questions)

Note : Attempt **any three** questions. Each question carries **10** marks. Maximum word limit is **500** words. [3×10=30]

4. (i) Write an essay on "Role of Information and Technology in Environment and Health".

(ii) Define Biodiversity? Describe its types and methods of Conservation.

(iii) Define Water Pollution. Explain the causes, effects and control measures of water pollution.

(iv) Explain the impact of Climate Change on Agriculture and Forestry.

OR

What do you understand by Forest Resources? Explain the utility and conservation of forest resources in detail.

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