

Total Pages-03

RNLKWC/M.Sc.-CBCS/HIS/GEO/PG/302/22

2022  
GEOGRAPHY  
[P.G.]  
(CBCS)

(M.Sc. Third Semester End Examinations-2022)  
PAPER-302

*Full Marks: 40*

*Time: 02 Hrs*

*The figures in the right hand margin indicate full marks.  
Candidates are required to give their answers in their own words as  
far as practicable*

*Illustrate the answers wherever necessary*

**USE SEPARATE ANSWER SCRIPT FOR EACH UNIT**

**Unit -27**

**F.M. - 20**

**[Land, Water, Forest: Concepts, Conflict & Conservations]**

**Group - A**

**Answer any one questions:**

**1x8= 8**

1. Elucidate the degradation process and management strategies of Mangrove Forest
2. Briefly discuss the role of RS and GIS for the monitoring and management of forest and water resources.

(2)

**Group - B**

**Answer any two questions:** **2x4= 8**

3. Distinguish between social forestry and agro-forestry.
4. Identify various strategies for the management of salt affected lands.
5. Discuss the major causes of fresh water scarcity.
6. Write a short note of functional activities of wetlands.

**Group - C**

**Answer any two question** **2x2= 4**

7. Identify causes of ground water depletion in South Bengal.
8. What are the suitable measures for amelioration of alkali soil?
9. Define land degradation.
10. What is Joint Forest Management?

**Unit -28**

**F.M. - 20**

**[Food and Agricultural Geography]**

**Group - A**

**Answer any one questions of the following:** **1x8= 8**

1. Explain peri-urban land use pattern following R. Sinclair's model.
2. Discuss regional food security pattern based on selected FAO's indicators.

(3)

**Group - B**

**Answer any two questions:** **2x4= 8**

3. Discuss climate as a physical determinant of agricultural practices.
4. Discuss the hypotheses on origin of agriculture.
5. What are the principles of organic farming?
6. Analyse the environmental impacts of green revolution.

**Group - C**

**Answer any two question** **2x2= 4**

7. What do you mean by technological shifting of agriculture?
8. What is 'GATT'?
9. What is meant by 'operation flood'?
10. What is the critical limit of temperature for agricultural practices?