

Geography (P.G.)

[CBCS]

M.Sc. Third Semester End Examination-2024

(Regular & Supplementary Paper)

PAPER-GEO 302

Full Marks: 40

Time: 02 Hrs

The figures in the right hand margin indicate 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: Concept & Conservation]

Group - A

Answer any one question of the following:

1x8= 8

1. Elucidate the economic and ecological significance of mangrove forest in coastal region.
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. Briefly discuss the role of JFMC in forest resource management.
4. What are effective ways to restore a wetland ecosystem?
5. Discuss the major causes of fresh water scarcity.
6. Explain the recent trends in land use planning.

Group - C

Answer any two questions

2x2= 4

7. What are the major causes of land degradation?
8. Define canopy.
9. What is meant by Ecosystem services?
10. Define NDWI?

Unit -28

F.M. - 20

[Food and Agricultural Geography]

Group - A

Answer any one question of the following:

1x8= 8

1. Define food security. Classify the world into different food security zones using FAO indicators.

(3)

Group - B

Answer any two questions:

2x4= 8

3. Write short notes on Blue Revolution.
4. Write on Peri-Urban land-use pattern following R. Sinclair's theory.
5. What are the challenges for sustainable agriculture and principles formulated for food security?
6. How did green revolution affect Indian agriculture?

Group - C

Answer any two questions

2x2= 4

7. What do you mean by Yellow revolution?
 8. What is the technological shifting of agriculture?
 9. Write on role of symbiotic nitrogen fixation in organic farming.
 10. What is fertile crescent of ancient world.
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