

2017**M.A./M.Sc.****2nd Semester Examination****GEOGRAPHY****PAPER—GEO-204***Full Marks : 40**Time : 2 Hours*

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.

Unit-19**(Resource and Its Management)**

[Marks: 20]

Group—A

Answer any one from the following questions : 1×8

1. Discuss the role of regional planning for the human resource development in a backward region. 8
2. Explain the determinations of livelihood security with suitable examples. 8

(Turn Over)

Group—B

Answer any *two* from the following questions : 2×4

3. Why micro level resource planning is needed in developing world ? 4
4. Explain geography as a science of synthesis. 4
5. How does the zonation of Sundorban flora can be mapped ? 4
6. How could solar and wind energy resources be assessed ? 4

Group—C

Answer any *two* from the following questions : 2×2

7. NREL
8. Micro Watershed
9. What is joint forest management (JFM) program ?
10. What do you mean by environmental sustainability ?

Unit-20**(Earth System Science)**

[Marks: 20]

Group—A

1. Answer any *one* from the following question : 1×8
- (a) Describe ocean basin features of Abyssal plains, submarine trenches, seamounts, and guyots. 8
- (b) Classify Midnapore East and West into different geomorphological regions mentioning their features and characteristics. 8

Group—B

2. Answer any *two* questions : 2×4
- (a) Describe how ocean currents are generated. 4
- (b) Discuss the concept of salinity and why does it vary from place to place in the oceans. 4
- (c) Mention the significance of different composition of atmosphere. 4
- (d) Write a short note on different types of maps and their applications. 4

Group—C

3. Answer any *two* questions from the following : 2×2
- (a) Define estuary. 2
 - (b) What is beach ridge topography? 2
 - (c) What is wet adiabatic rate? 2
 - (d) What are the components of a map? 2
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