



Acc-NO- QT 50

Sec. 2017-2018

MCC/18/M.Sc./Sem.-II/GEO/1

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Second Semester Examination-2018

M.Sc. GEOGRAPHY

Paper Code: GEO-201

Full Marks : 40

Time: 2 Hours

Write the answer for each unit in separate sheet

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.

Unit-13

Environmental Engineering

Marks: 20

GROUP-A

1. Answer any one from the following questions **1×8=8**

- a) Illustrate the mechanism to manage arsenic contamination in ground water. **8**
- b) What is the basic principle of waste management?
Discuss the management procedures of municipal solid waste with proper illustrations. **2+6=8**

GROUP-B

2. Answer any two from the following questions: **2×4=8**

- a) What are the primary level waste water treatment processes? **4**
- b) Explain the working principles of oxidation pond. **4**
- c) How global warming is associated with air pollution? **4**
- d) What are the requirements for selecting an ideal sanitary landfill? **4**

GROUP-C

3. Answer any two from the following questions: **2×4=8**

- a) What is trickling filter? **2**
- b) How sound differs from noise? **2**
- c) Define activated sludge. **2**
- d) What are the major sources of hazardous wastes? **2**

UNIT-14

Regional Geomorphology of India and West Bengal

Marks: 20

GROUP-A

1. Answer any one from the following question: **1×8=8**

- a) Compare the forms and processes of Ganga delta along the Bay of Bengal coast. **8**
- b) Discuss the impacts of tectonics on drainage patterns of Andaman and Nicobar group of islands with examples. **8**

GROUP-B

2. Answer any two from the following questions: **2×4=8**

- a) Identify the nature and characteristics of geomorphological diversity of Rameswaram island. **4**
- b) Write an account of deltaic processes of Subarnarekha downstream section. **4**
- c) Briefly explain slope forms and processes in Darjeeling Himalaya. **4**
- d) Describe briefly the geomorphological character of alluvial fans in Terai Region. **4**

GROUP-C

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

- a) What is intertrappean deposit? **2**
- b) Mention the geomorphological significance of Barkhan dunes of Marusthali. **2**
- c) What are the major drainage characters of Western Ghats? **2**
- d) What is the origin of secondary laterites in adjacent areas of Chhotanagpur plateau? **2**

(Turn Over)