

2017**M.A. / M.Sc.****3rd Semester Examination****GEOGRAPHY****PAPER—GEO-304***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.

Write the answers of each Unit in separate books.

[Emerging Issues and Policies in Environment]**Unit—31****Group—A**

1. Answer any one of the following : 1×8
- (a) Comment upon the Environment development debate with adequate examples.
- (b) Discuss human trafficking as a socio-cultural hazards in India.

(Turn Over)

Group—B

2. Answer any *two* questions : 2×4
- (a) What are the possible impacts of global warming ?
 - (b) Discuss the cross-boundary water conflicts with special reference to India and Bangladesh.
 - (c) Mention the processes of rainwater harvesting.
 - (d) Write a short note on different types of crime against women in India.

Group—C

3. Answer any *two* questions : 2×2
- (a) What are the greenhouse gases ?
 - (b) How does CO₂ produce warming effect ?
 - (c) Differentiate the term 'Water stress' from 'Water shortage'.
 - (d) Mention the extra-terrestrial factors responsible for climate change.

Unit--32**Group--A**

1. Answer any *one* question of the following : 1×8
- (a) Analyse the causes and consequences of earthquake. 2+6
- (b) Explain the stages of formation of tropical cyclone.
What are the characteristics of tropical cyclone? 4+4

Group--B

2. Answer any *two* questions of the following : 2×4
- (a) Assess the importance of national disaster management policies.
- (b) Explain the meaning of vulnerability. Define hazard and classify it. 3+5
- (c) Briefly explain the causes of formation of thunder-storm.
- (d) What are the reasons for the formation of tsunami wave?

Group—C

3. Answer any *two* questions of the following : 2×2

- (a) What do you mean by risk ?
 - (b) What is convectional instability ?
 - (c) What causes the lightning to ocean ?
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