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May-24-0346

HS-103 (Disaster Management)

B.Tech. 1st (CBCS)

Time : 3 Hours

Max. Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Candidates are required to attempt five questions in all selecting one question each from of the sections A, B, C & D of the question paper and all the sub-parts of the question in section E.

SECTION - A

1. What do you mean by natural disasters? Describe any four natural disasters in detail. (10)

OR

2. What is the relationship between hazard, vulnerability and disaster? (10)

SECTION - B

3. Explain the preparedness and relief plan for one natural hazard and one man-made disaster. (10)

OR

4. What are the mitigation measures to be taken at the time of earthquakes? (10)

SECTION - C

5. Define Noise pollution and also explain the causes, effects and prevention of noise pollution. (10)

OR

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6. Write short note on:

- (i) Use and over exploitation of forest resources.
(ii) Effects of mining on environment. (2×5=10)

SECTION - D

7. What is global warming? What are its causes and effects? Discuss the measures to control it. (10)

OR

8. What is the difference between the enhanced greenhouse effect and ozone depletion? (10)

SECTION - E (Compulsory)

9. Short answer type questions.

- (a) Define environmental disaster.
(b) Give a list of environmental hazards in order of their importance.
(c) Describe the vulnerability indicators.
(d) What is risk transfer?
(e) Define Cyclone.
(f) What causes earthquakes?
(g) What is drought?
(h) Define disaster management.
(i) What are the main points of environmental crisis?
(j) Why do we need energy? (10×2=20)