

57526

**BBA-3rd Semester (New Scheme)**

**Examination, November-2023**

**DISASTER MANAGEMENT**

**Paper - BBAN-306**

*Time allowed : 3 hours]*

*[Maximum marks : 80*

*Note : Attempt five questions in all, selecting one question from each unit. Question No. 1 is compulsory. All questions carry equal marks.*

1. Write short notes in 40-50 words:  $8 \times 2 = 16$

(i) Calorie force

(ii) Weathering

(iii) Western disturbances

(iv) Epidemic

(v) Basins

(vi) Anticyclone

(vii) Seismic waves

(viii) Tornado

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[P.T.O.]

**Unit-I**

2. Explain types of soil erosion mostly observed in India by running water. Mention human activities responsible for soil erosion. How running water causes erosion and deposition resulting in disaster? 16
3. Discuss the phenomenon of precipitation, cloud classification and formation. 16

**Unit-II**

4. Epidemics such as Dengue fever are also considered as disasters whose management is now considered as a prime objective in developing countries like India. Discuss what preventive and control measures are needed to achieve long term, sustainable control of dengue epidemic in India. 16
5. What is meant by environmental pollution? Describe its types and remedies. 16

**Unit-III**

6. (a) Describe in brief the causes of climate change.  
(b) Why India is worried of disasters like flood and drought caused due to impact of climate change? Discuss its direct and indirect consequence for India. 16

7. Write short notes on: 16
- (a) Urbanization and flooding
  - (b) Determination of stability and safety factors for land sliding.

#### Unit-IV

8. What are the factors to be considered while planning and rebuilding works after a major disaster due to earthquake? What are the steps to be taken by the residents during an earthquake in residential building? 16
9. Write a detailed note on Tsunamis, their causes, location and disturbance in sea floor.