

Day & Date: *Wednesday 13/08/2025*Time: *2:30 To 3:30*

Max Marks- 25

- Instructions:**
- 1) All questions are compulsory.
 - 2) Figures in rounded () brackets within the question, indicate the scheme of marking for respective part of the question, whereas, figures in the first right column indicate total marks for that whole question.
 - 3) CO is the index number of the Course Outcome statement.
 - 4) The Bloom's taxonomy level (BL) for 1,2,3,4,5 and 6 is remember, understand, apply, analyze, evaluate and create respectively.
 - 5) Assume suitable data if necessary.
 - 6) Use of non-programmable calculators is allowed

- | Q.1 | Answer Any TWO of the following questions | Marks | BT | COs |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------|
| | | | Level | |
| A | Define the terms vulnerability, hazard, disaster, and emergency (4 marks).
Explain each concept with suitable examples relevant to the context (4 marks). | 8 | BT 2 | CO1 |
| B | Discuss the major causes of landslide-related disasters in India (4 marks).
Critically evaluate the nation's preparedness measures for managing such disasters (4 marks) | 8 | BT 5 | CO 5 |
| C | Explain the causes and characteristics of cyclones affecting India (4 marks). Discuss the major problems they create for coastal and inland regions (4 marks). | 8 | BT 4 | CO 2 |
- Q.2 Answer the following question
- | | | | | |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|------|
| A | Describe the regional and seasonal profile of disasters in India, highlighting the types of disasters prevalent in different geographic zones and time periods. | 9 | BT 2 | CO 2 |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|------|

