

# University of Mumbai

Program: Civil Engineering

Curriculum Scheme: Rev 2016

Examination: BE Semester VII

Course Code: CE-CILOC7017 and Course Name: DMMM

Time: 2 hour 30 minutes

Max. Marks: 80

| Q1.       | Choose the correct option for following questions. All the Questions are compulsory and carry equal marks |
|-----------|---|
| 1.        | The National Disaster Management Authority (NDMA) is headed by  |
| Option A: | Prime Minister of India   |
| Option B: | President of India  |
| Option C: | Governor of States  |
| Option D: | Chief Minister of States  |
| 2.        | Which of the following is not a man-made hazard?  |
| Option A: | Leakage of Toxic waste  |
| Option B: | Wars and Civil Strife   |
| Option C: | Drought   |
| Option D: | Environmental pollution   |
| 3.        | High intensity and long duration of rainfall in Tripura causes  |
| Option A: | Earthquakes   |
| Option B: | Floods  |
| Option C: | Landslides  |
| Option D: | Cyclone   |
| 4.        | Tsunami's can occur only during   |
| Option A: | Morning   |
| Option B: | Evening   |
| Option C: | Afternoon   |
| Option D: | Any time of the day or night  |
| 5.        | United Nations disaster management team are responsible for solving problems resulting from disaster in   |
| Option A: | Asia  |
| Option B: | Africa  |
| Option C: | All continents  |
| Option D: | America   |
| 6.        | The Disaster Management Act was made in   |
| Option A: | 2001  |
| Option B: | 1995  |
| Option C: | 2009  |
| Option D: | 2005  |
| 7.        | Which of the following is not an atmospheric hazard   |
| Option A: | Hail  |
| Option B: | Epidemic in human   |
| Option C: | Rainfall  |

|           |   |
|-----------|---|
| Option D: | Hurricanes  |
| 8.        | Floods can be prevented by  |
| Option A: | Afforestation   |
| Option B: | Tilling the land  |
| Option C: | Cutting the forest  |
| Option D: | Removing the top soil   |
| 9.        | In India, Cyclone is tracked through which satellite?                       |
| Option A: | INSAT   |
| Option B: | IRS   |
| Option C: | Ocean SAT   |
| Option D: | RISAT   |
| 10.       | The two atom bombs dropped in Hiroshima and Nagasaki in Japan by USA during |
| Option A: | Gulf war I  |
| Option B: | Gulf war II   |
| Option C: | World war I   |
| Option D: | World war II  |

|                               |   |                      |
|-------------------------------|---|----------------------|
| <b>Q2<br/>(20 Marks Each)</b> | <b>Solve any Two Questions out of Three</b>               | <b>10 marks each</b> |
| A                             | Objectives of National Policy on DM (Disaster Management) |                      |
| B                             | Classify Natural Hazards & Manmade Hazards                |                      |
| C                             | Explain with proper reasons the Paradigm shift in DM      |                      |

|                               |  |                      |
|-------------------------------|--|----------------------|
| <b>Q3<br/>(20 Marks Each)</b> |  |                      |
| A                             | <b>Solve any Two</b>   | <b>5 marks each</b>  |
| i.                            | Importance of Disaster Management  |                      |
| ii.                           | Explain Ozone Depletion  |                      |
| iii.                          | Explain Direct and Indirect Effects of Disasters. What are the long term effects of Disasters? |                      |
| B                             | <b>Solve any One</b>   | <b>10 marks each</b> |
| i.                            | Explain global and Indian scenario of DM   |                      |
| ii.                           | Explain Direct and Indirect Effects of Disasters. What are the long term effects of Disasters? |                      |

|                                |  |                     |
|--------------------------------|--|---------------------|
| <b>Q4.<br/>(20 Marks Each)</b> | <b>Solve any Four out of Six</b>                     | <b>5 marks each</b> |
| A                              | Applications of GIS in DM                            |                     |
| B                              | Importance of public awareness.                      |                     |
| C                              | What do you understand by casualty management in DM? |                     |

|   |   |
|---|---|
| D | Explain Role of International Aid Agencies in Financial Relief measure. |
| E | Explain the process for Sea-level rise                                  |
| F | Explain the Responsibilities of NIDM explain any two?                   |