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MANIPAL ACADEMY OF HIGHER EDUCATION

SEVENTH SEMESTER B. ARCH. DEGREE EXAMINATION – NOVEMBER 2019

SUBJECT: ARC-14-411.4 DISASTER MANAGEMENT
(2014 SCHEME)

Thursday, November 14, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 50

✍ Answer any FULL FIVE Questions.

✍ Answer all parts of a question.

1A. What are the five major classification of disasters as per NIDM? List the disasters falling under each category.

1B. Explain in brief the four different phases of disaster management.

1C. How can retrofitting help in seismic disaster damage control?

(5+2+3 = 10 marks)

2A. What is vulnerability as defined by NIDM? Explain the physical, social, economic and environmental factors contributing to vulnerability.

2B. List four Disaster Risk Reduction strategies for any one of the following disasters with respect to the structural aspects. FLOOD OR EARTHQUAKE.

((2+4)+4 = 10 marks)

3A. Explain Casualty Management System with respect to city level, state level and country level disaster.

3B. What is the purpose of training and mock drill?

((2½ marks × 3)+2½ = 10 marks)

4. List the ten major steps included in the trigger mechanism which are applicable to all disasters.

(10 marks)

5. Discuss the minimum standards to be met for the relief camps with respect to:

a) Shelter b) Food c) Water d) Sanitation e) Medical cover

(2 marks × 5 = 10 marks)

6. Write short notes on any FOUR of the following:

6A. NDMA

6B. Capacity building plan

6C. Early warning system

6D. Incident Response system

6E. Response strategy

(2½ marks × 4 = 10 marks)

