

No. of Printed Pages : 03

Roll No.

H-4009

B. Arch. EXAMINATION, Dec. 2017

(Ninth Semester)

(Main Only)

DISASTER MANAGEMENT IN ARCH-IX

AR-521-B

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

(2-68/3) M-H-4009

P.T.O.

Unit I

1. Write short notes on the following :
 - (a) Disaster vulnerability
 - (b) Disaster coping capacity
 - (c) Disaster risk.
2. Write a short note on cause and implications of Natural and man-made disasters.

Unit II

3. Write short note on design guidelines and norms for risk reduction for various disaster scenarios.
4. Write short note on building repair and retrofit measures for various disaster scenarios.

Unit III

5. Draw the earthquake zone map of India and explain the complexities/problems of national capital with respect to earthquake hazard.

6. Write short note on provisions in National Building Code for earthquake resistant construction details for various building components.

Unit IV

7. Write short notes on the following :
 - (a) Risk Assessment
 - (b) Vulnerability mapping
 - (c) Risk prevention and mitigation.
8. Write short note on emergency situation preparedness response and recovery.