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**Question Paper Code : 11294**

B.E./B.Tech. DEGREE EXAMINATION, APRIL 2014.

Eighth Semester

Computer Science and Engineering

080230072/080290074 — DISASTER MANAGEMENT

(Common to Electronics and Communication Engineering and Medical Electronics Engineering)

(Regulation 2008)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. State the principles of risk partnership.
2. What is risk sharing?
3. Define Management Information System.
4. What is Remote Sensing?
5. What is trigger mechanism?
6. Write a short note on "risk reduction by education".
7. What is the need for disaster management?
8. State the importance of disaster preparedness.
9. What are seismic waves?
10. State the causes of Tsunamis.

PART B — (5 × 16 = 80 marks)

11. (a) Explain the goals and objectives of ISDR programme.

Or

- (b) Discuss the merits and limitations of alternative to dominant approach.

12. (a) Discuss the applications of various technologies in disaster risk reduction.

Or

- (b) Write short notes on the following :

- (i) Intranets (4)
- (ii) Extranets (4)
- (iii) Video teleconferencing (4)
- (iv) Decision support system. (4)

13. (a) Enumerate the various constitutions of trigger mechanism.

Or

- (b) Explain the advantages and disadvantages of disaster information network.

14. (a) Discuss the essentials of community based disaster management.

Or

- (b) Discuss the various sources of finance for the development of disaster management in India.

15. (a) Discuss the various measures of an earthquake.

Or

- (b) Give an account on characteristics, general counter measures (mitigation) and special problem areas of Tsunami disaster management.