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Question Paper Code: 59174

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2019

Open elective

Computer Science and Engineering

15UCE974- DISASTER MANAGEMENT

(Common to ECE, EEE, EIE, Mechanical, IT, Chemical)

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 1 = 10 Marks)

- Which of the following is not part of geological disaster? CO1- R
(a) Volcanoes (b) Earthquakes
(c) Tsunami (d) Sea surge.
- The typical examples of man-made disasters are CO1- R
(a) Chemical explosion (b) Leakage of toxic waste
(c) War and civil strife (d) All of the above
- Warning about cyclone disaster is conveyed through CO2- R
(a) Newspaper (b) Radio network (c) Television (d) All the above
- Which of the following agencies are the National Disaster Risk Reduction stakeholders? CO2- R
(a) Central Government (b) National Disaster Offices
(c) Private Sector (d) All of the above.
- In which phase of disaster management would you stabilize the situation and assess the immediate damage? CO3- R
(a) Recovery (b) Response (c) Mitigation (d) Preparedness

6. Effective hazard management largely rely on CO3- R
 (a) Govt. agencies (b) Emergency responses
 (c) Pre-disaster planning (d) Volcanoes
7. In India Tsunami Warning centre is located at CO4- R
 (a) Kolkata (b) Hyderabad (c) Ahmadabad (d) None of the above
8. The chairman of the national disaster management Authority is.... CO4- R
 (a) human resource development (b) prime minister
 (c) Home minister (d) vice president.
9. Which is the following activities is caused by disaster management CO5- R
 before,during or after a disaster?
 (a) Reconstruction and rehabilitation (b) mitigation
 (c) Emergency response (d) All the above
10. National institute of disaster management in India is located at CO5- R
 (a) Pune (b) idnapure
 (c) New delhir (d) Calcutta

PART – B (5 x 2= 10Marks)

11. Describe flood.. CO1- R
12. Discuss the different process of relief process. CO2- U
13. What is IPCC? CO3- U
14. What are the components of disaster relief? CO4- R
15. What is pluvial flooding? CO5- R

PART – C (5 x 16= 80Marks)

16. (a) How the manmade hazards controlled and regulated? Discuss CO1- U (16)
 Or
 (b) Explain the terrorism and write down the typology of terrorism. CO1- U (16)
17. (a) Explain Human adjustment, perception and mitigation of CO2- U (16)
 earthquake in India..
 Or
 (b) Discus the different aspects of disaster mitigation through CO2- U (16)
 advanced technology

18. (a) Explain factors affecting vulnerability. CO3-U (16)
Or
(b) Describe the major phases of electronic warning system CO3-U (16)
19. (a) Discuss the different Components of disaster relief. CO4- U (16)
Or
(b) Explain Hazard and Vulnerability profile of India.. CO4- U (16)
20. (a) Discuss any one case study about Fluvial and pluvial flooding CO5- U (16)
Or
(b) What are the causes of floods? Explain the flood control measures in brief. CO5-U (16)

