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Total Number of Pages : 01

B.Plan
15BPLN705

7th Semester Regular Examination 2019-20
DISASTER RISK MITIGATION AND MANAGEMENT
BRANCH : B.Plan
Max Marks : 100
Time : 3 Hours
Q.CODE : HR334

Answer Question No.1 (Part-1) which is compulsory, any EIGHT from Part-II and any TWO from Part-III.

The figures in the right hand margin indicate marks.

Part-I

Q1 Only Short Answer Type Questions (Answer All-10) (2 x 10)

- a) State the Role of Early Warning System in Disaster Management?
- b) How the Geography of the area become threat to disaster?
- c) State the Difference between Mitigation and Resilience?
- d) Differentiate between Hazards and Vulnerability?
- e) Write the Role of NDMA in Disaster Mechanism?
- f) State the abbreviations for NDRF, NIDM, NCMC and DDMA?
- g) What do you mean by Community Based Disaster Preparedness?
- h) Why "Vulnerability mapping" is important for disaster management?
- i) State standard operating procedures (SOPs) in terms of Post Disaster Management Mechanism?
- j) Name some of the man-made disaster that affects mankind?

Part-II

Q2 Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve) (6 x 8)

- a) Explain Sendai framework for disaster risk reduction with its four Priorities in Action.
- b) Explain the silent features of Disaster Management Act (DMA) 2005?
- c) Analyze different impacts of Climate change and its implications in Disaster Mitigation.
- d) Illustrate the process of preparing the national disaster management policy.
- e) Explain role of National executive committee (NEC) in disaster management mechanism?
- f) Explain the communication and information technology in disaster management?
- g) Elaborate the Major Stages of Disaster Management Cycle?
- h) Explain the role of planners in Disaster Management and Mitigation process?
- i) How will you incorporate disaster management issues in the Planning process?
- j) Explain coherence and mutual reinforcement between the Sendai framework with international agreements for development and climate action?
- k) What are the aspects covered in Post-Disaster Review?
- l) State the seven global targets of Sendai framework Disaster Risk Reduction 2015-30?

Part-III

Q3 Only Long Answer Type Questions (Answer Any Two out of Four) (16)

Explain briefly the necessary steps for Rehabilitation and Reconstruction in disaster affected areas?

Q4 (16) Describe the various methods of improving the disaster education and awareness programs in disaster management?

Q5 (16) Illustrate different types of Disaster with a help of flow chart, and state the Preventive and Protective measures of any two?

Q6 (16) Discuss land use planning, building bye laws and disaster safe construction practices for different types of disasters?