**DECEMBER 2023** **P/ID 4442/PGEE3**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 50 words each.

1. What is the full form NIDM?

2. Differentiate Hazard and Vulnerability.

3. What does Avalanches mean?

4. What is Biological Disaster?

5. What are Hydro-meteorological disasters?

6. What is Risk Assessment?

7. List the need of Emergency Operation Centre.

8. What does Early Recovery mean?

9. Why GPS is needed in a disasters area?

10. What are community shelters?

11. What does Socio Economic Vulnerability Mean?

12. International Strategy for Disaster Reduction-Define.

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions in 250 words each.

13. Describe the salient feature of a Disaster Management Plan.

14. Write an account on man-made and technological disasters.

15. Evaluate the impact of climate change on urban disasters.

16. Describe the significance and the phases of Search and Rescue Operations.

17. Examine the salient features in Disaster Management Act 2005 of India.

18. Describe the disaster management task at State level.

19. Examine the role of S and T Institutions in disaster management in India.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions in 500 words each.

20. Critically analyse the global disaster trends with suitable illustrations.

21. Explain how will you proceed with damage and needs assessment in a disasters area.

22. Evaluate the five functional areas of ICS and their primary responsibilities.

23. Discuss the role and responsibilities of the Indian Red Cross Society (IRCS) in disaster management activities.

24. How will you prepare the safe design and construction for structural and non-structural to mitigate the disaster?

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