

11. EOC Stands for		1	1	3
(A) Emergency Operations Center	(B) Earthquake Observation Center			
(C) Emergency Official Control	(D) Energy Operation Control			
12. Which of the agency in India responsible for preparation of the National Flood Atlas?		1	1	3
(A) Ministry of Home affairs	(B) Central Water Commission			
(C) Central Public Works Department	(D) National Institute of Ocean Technology			
13. An observatory is mainly utilized to record _____		1	1	4
(A) Disastrous events	(B) Celestial events			
(C) Terrestrial events	(D) Celestial and Terrestrial events			
14. How many phases are there in disaster management cycle?		1	1	4
(A) 3	(B) 4			
(C) 5	(D) 6			
15. The likelihood of an undesired event occurring within a particular period or under specified circumstances is known as		1	1	5
(A) Hazard	(B) Emergency			
(C) Endogenous	(D) Risk			
16. The cash grant made available to the farmers to hire agricultural laborers from the neighboring areas during rehabilitation phase comes under		1	1	5
(A) Short-term measure	(B) Long-term measure			
(C) Economic measure	(D) Socio-economic measure			
17. What is the full form of SARS?		1	1	5
(A) Social and racial struggle	(B) Soil and river sewage			
(C) Severely affected river sides	(D) Severe acute respiratory syndrome			
18. What are different types of Industrial hazards?		1	1	6
(A) Chemical hazards and Physical hazards	(B) Chemical, Physical and Biological hazards			
(C) Chemical and Biological hazards	(D) Biological and physical hazards			
19. Which of the following is NOT because of flood?		1	1	6
(A) Epidemics and diseases like diarrhea, cholera, typhoid etc.	(B) Increase in alkalinity of the soil			
(C) Occurrence of landslide	(D) Scarcity of clean drinking water			
20. Which event produces the biggest Tsunami?		1	1	6
(A) Earthquake	(B) Underwater landslides			
(C) Hurricanes	(D) Impacts of asteroids and comets			

PART - B (5 × 4 = 20 Marks)

Answer **any 5** Questions

Marks BL CO

21. Write a brief note of scope of disaster and characters of disaster	4	1	1
22. What are the causes and effects of floods?	4	1	2
23. Explain about the causes of coal fires and forest fires	4	1	3
24. What are the components of disaster management?	4	1	3
25. Write a short note on Remote Sensing and GIS in disaster management.	4	1	4
26. Explain on Post disaster stage.	4	1	5

- | | | | |
|---|---|---|---|
| 27. Explain the terms | 4 | 1 | 6 |
| <ul style="list-style-type: none"> • Disaster • Risk • Hazard • Vulnerability | | | |

PART - C (5 × 12 = 60 Marks)

Answer **all** Questions

Marks BL CO

- | | | | |
|---|----|---|---|
| 28. (a) Discuss in detail about Earthquake and its Impact. | 12 | 1 | 1 |
| (OR) | | | |
| (b) Discuss in detail on causes for landslides and Impact. | | | |
| 29. (a) Demonstrate the purpose, key stages and outcomes of a disaster management cycle | 12 | 1 | 2 |
| (OR) | | | |
| (b) Discuss in detail about disaster management policy, plans and challenges in disaster response. | | | |
| 30. (a) Elaborate on biological disasters and give suitable example. | 12 | 1 | 3 |
| (OR) | | | |
| (b) What are the sources, causes and effects of air and water pollution? Discuss. | | | |
| 31. (a) What is an observatory and how does it help in disaster mitigation? Explain. | 12 | 1 | 4 |
| (OR) | | | |
| (b) Explain in detail about Seismological Observatory and its application. | | | |
| 32. (a) Analyse the roles and responsibilities of the scientific divisions of the National Centre of Seismology, India. | 12 | 1 | 5 |
| (OR) | | | |
| (b) Discuss about hazard specific mitigation plan. | | | |

* * * * *

