

This booklet contains 12 printed pages.

Question Booklet No. :

06796

**Question Booklet for TDP (General)/TDP (Honours) 6th Semester
Exam., 2017**

DISASTER MANAGEMENT

Full Marks : 80]

(SOFT STUDY COURSE)

[Time : 3 Hours

Question Booklet SET No. : B

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Read the following INSTRUCTIONS carefully :

1. Use black/blue dot pen only.
2. Fill in the particulars given below in this page.
3. Fill in the particulars (on the Side 1) of the OMR Answer Sheet as per Instructions contained in the OMR Answer Sheet.
4. The SET No. of this Question Booklet is B. Write the SET No. at the specific space provided in the OMR Answer Sheet.
5. There are 80 (eighty) questions in this Question Booklet and carrying 1 (one) mark each.
6. Each question or incomplete statement is followed by 4 (four) suggestive answers—[A], [B], [C] and [D] of which only one is correct. Mark the correct answer by darkening the appropriate circle.
7. Marking of more than one answer against any question will be treated as incorrect response and no mark shall be awarded.
8. Any change in answer made or erased by using solid or liquid eraser will damage the OMR Answer Sheet resulting in rejection of the whole Answer Sheet by the computer. Therefore, do not change or erase once the answer is marked.
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10. Use of mobile phone, calculator, log table, compass, scale and any electronic gadget is strictly prohibited in the Examination Hall.
11. The Question Booklet and the OMR Answer Sheet must be returned to the Invigilator within 3 (three) Hours of the commencement of the examination.
12. Adoption of unfair means in any form or violation of instruction as mentioned in Point No. 10 shall result into expulsion from the entire examination.
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1. Which of the following organizations is the apex authority of disaster management in India?

- [A] NDA
- [B] NDMA
- [C] CDMA
- [D] DMAI

5. Which of the following is **not** a cause of riverbank erosion?

- [A] Nature of riverbank material
- [B] Steep bank angle
- [C] Length of river
- [D] Extraction of sand from riverbed

2. Which of the following is **not** a component of disaster management cycle?

- [A] Preparedness
- [B] Response
- [C] Construction
- [D] Recovery

6. Which of the following earthquakes occurred in Gujarat in 2001?

- [A] Koyna Earthquake
- [B] Latur Earthquake
- [C] Bhuj Earthquake
- [D] Darbhanga Earthquake

3. Which of the following rivers has a direct confluence with the Bay of Bengal?

- [A] Haora
- [B] Gumti
- [C] Deo
- [D] Fenny

7. The central low pressure area of a cyclone is known as its

- [A] storm surge
- [B] eye
- [C] heart
- [D] gale force

4. Which of the following is the largest river basin of Tripura?

- [A] Haora
- [B] Khowai
- [C] Gumti
- [D] Fenny

8. Influenza is caused by

- [A] bacteria
- [B] protozoa
- [C] virus
- [D] fungi

9. Where do most active volcanoes occur?

- [A] Devil's triangle
- [B] Pacific ring of fire
- [C] Sargasso sea
- [D] Caribbean islands

10. Who is the head of National Disaster Management Authority (NDMA)?

- [A] President of India
- [B] Vice-President of India
- [C] Prime Minister of India
- [D] Attorney General of India

11. Psychological rehabilitation is done by which of the following banks?

- [A] State Bank of India
- [B] Hongkong Shanghai Banking Corporation
- [C] EXIM Bank
- [D] World Bank

12. Where is the Headquarters of International Federation of Red Cross?

- [A] New York, USA
- [B] Montreal, Canada
- [C] Cannes, France
- [D] Geneva, Switzerland

13. Moving or shifting people at risk to safer environment refers to

- [A] evacuation
- [B] relocation
- [C] resilience
- [D] rehabilitation

14. Tripura is situated in which seismic zone?

- [A] Seismic zone I
- [B] Seismic zone V
- [C] Seismic zone III
- [D] Seismic zone IV

15. High intensity and long duration of rainfall in Tripura causes

- [A] earthquake
- [B] flood
- [C] landslide
- [D] cyclone

16. Extraction of sand from riverbed is very common in Tripura, which causes

- [A] riverbank erosion
- [B] cyclone
- [C] flood
- [D] landslide

17. Which National Highway connects Tripura with the rest of India?
- [A] NH 53
[B] NH 10
[C] NH 108
[D] NH 8
18. Which of the following is called 'cancer of hillslopes'?
- [A] Earthquake
[B] Cyclone
[C] Landslide
[D] Flood
19. Man-made hazards are called
- [A] quasi-natural hazards
[B] anthropogenic hazards
[C] natural hazards
[D] earthquake hazards
20. Which is known as the 'lighthouse of the Mediterranean Sea'?
- [A] Vesuvius
[B] Stromboli
[C] Krakatoa
[D] Popa
21. The length of international boundary between Tripura and Bangladesh is
- [A] 183.5 km
[B] 856 km
[C] 109 km
[D] 112.7 km
22. Which is the highest peak of Atharamura Hill range?
- [A] Feng Pui
[B] Jarimura
[C] Bethleng Sib
[D] Sakhan
23. In which year the great earthquake of Shillong occurred?
- [A] 1897
[B] 1987
[C] 1760
[D] 1912
24. Who is known as 'the father of modern seismology'?
- [A] W. M. Davis
[B] T. Wilson
[C] V. Koppen
[D] R. D. Oldham

25. Which wave of an earthquake produces rolling effect along the surface?
- [A] P wave
[B] S wave
[C] L wave
[D] V wave
26. Which approach is found suitable for integrated development of catchment areas?
- [A] Flood management
[B] Watershed management
[C] Joint forest management
[D] Coastal management
27. Which riverbanks are highly vulnerable to erosion?
- [A] $>80^\circ$ angle
[B] 50° angle
[C] 40° angle
[D] $<30^\circ$ angle
28. Which natural hazard is responsible for repeated construction of Teliamura-Khowai State highway?
- [A] Flood
[B] Bank erosion
[C] Cyclone
[D] Earthquake
29. For what purpose tunnels were constructed through some hill ranges of Tripura?
- [A] For extension of railway line
[B] For protection of land cover
[C] For checking soil erosion
[D] For extension of roadways
30. In which direction the amount of rainfall increases in Tripura?
- [A] From north to south
[B] From west to east
[C] From northwest to southeast
[D] From southwest to northeast
31. What is the local name of pre-monsoon thunderstorms in Tripura?
- [A] Mango shower
[B] Kalbaisakhi
[C] Loo
[D] Andhi
32. Tropic of Cancer passes through which district of Tripura?
- [A] West Tripura
[B] Khowai
[C] Sepahijala
[D] Unakoti

33. What is the role of SIPARD?

- [A] To impart general disaster management training
- [B] To impart training on health management
- [C] To impart training on social work
- [D] To impart training for paramedical students

34. Who is the first responder to a disaster?

- [A] The community
- [B] The individual
- [C] The head of the family
- [D] The panchayat

35. At what stage task forces to be formed?

- [A] At pre-disaster stage
- [B] At post-disaster stage
- [C] At disaster stage
- [D] At rehabilitation stage

36. Lightning is the main reason behind

- [A] storm
- [B] drizzle
- [C] hail
- [D] forest fire

37. Which of the following is a component of disaster management cycle?

- [A] Hazard analysis
- [B] Vulnerability analysis
- [C] Risk analysis
- [D] Preparedness

38. Which is known as 'seismic sea wave'?

- [A] Tsunami
- [B] Hurricane
- [C] Typhoon
- [D] Willy-willy

39. Which natural hazard leads to the fall in employment in agricultural sector?

- [A] Flood
- [B] Drought
- [C] Cyclone
- [D] Earthquake

40. The first Earth Summit organized in the city of

- [A] Geneva
- [B] Rio de Janeiro
- [C] Los Angeles
- [D] Sao Paulo

41. Which one of the following is the most dangerous and destructive natural hazard?
- [A] Flood
[B] Earthquake
[C] Lightning
[D] Rainfall
42. The magnitude of energy released by an earthquake is measured by
- [A] seismograph
[B] seismo scale
[C] Richter scale
[D] Richter graph
43. In Tripura, the principal rivers flowing towards west serially from north to south are
- [A] Haora, Gumti, Muhuri and Fenny
[B] Langai, Juri, Deo, Manu
[C] Haora, Khowai, Manu and Dhalai
[D] Juri, Fenny, Muhuri and Gumti
44. In Tripura, which nodal agency plays crucial role in organizing community capacity building programmes and conducting mock drills at State, District and Block levels?
- [A] National Disaster Response Force
[B] National Informatics Centre
[C] District Disaster Management Authority
[D] Tripura Disaster Management Authority
45. Indian Meteorological Department declared 'super cyclone' when the wind blows at a speed of more than
- [A] 216 kmph
[B] 220 kmph
[C] 194 kmph
[D] 172 kmph
46. The toxic gas released from Bhopal Gas Tragedy was
- [A] methyl isocyanate
[B] potassium isocyanate
[C] sodium isocyanate
[D] methyl isothiocyanate
47. Volcanoes which are currently inactive but there is a possibility that it can erupt again in future are called
- [A] dormant volcanoes
[B] semi-dormant volcanoes
[C] extinct volcanoes
[D] dead volcanoes
48. Tsunami in the Indian Ocean occurred in the year
- [A] 2003
[B] 2004
[C] 2005
[D] 2006

49. ITCZ stands for
- [A] Inter-Tropical Convergence Zone
 - [B] Intra-Tropical Convergence Zone
 - [C] Inter-Tectonic Convergence Zone
 - [D] Inter-Temperate Convergence Zone
50. Which of the following groups of people is more vulnerable in the event of a disaster?
- [A] Men, boys, old people
 - [B] Men, women, boys
 - [C] Women, children, old people
 - [D] None of the above
51. High vulnerability and high hazard are associated with
- [A] low disaster risk
 - [B] medium disaster risk
 - [C] high disaster risk
 - [D] None of the above
52. The place of origin of an earthquake is called
- [A] focus
 - [B] epicentre
 - [C] centre
 - [D] core
53. The instrument which records earthquake wave is called
- [A] climograph
 - [B] scismograph
 - [C] hythergraph
 - [D] None of the above
54. The word disaster owes its origin from
- [A] Greek word
 - [B] Latin word
 - [C] French word
 - [D] German word
55. When magma reaches the surface of the earth, it is called
- [A] lava
 - [B] crater
 - [C] fissure
 - [D] clay
56. A disease is called pandemic when it is
- [A] within a region
 - [B] within a country
 - [C] within a continent
 - [D] None of the above

57. The flood caused in Uttarakhand due to

- [A] cloudburst
- [B] landslide
- [C] earthquake
- [D] None of the above

58. Which of the following is **not** an epidemic?

- [A] Cholera
- [B] Smallpox
- [C] Plague
- [D] HIV-AIDS

59. Terrorist attack known as 9/11 took place in

- [A] India
- [B] USA
- [C] UK
- [D] None of the above

60. Important water contaminant(s) is/are

- [A] heavy metals
- [B] nitrogen oxides
- [C] carbon monoxide
- [D] NO_2 and SO_2

61. The Disaster Management Act was made in

- [A] 2006
- [B] 2003
- [C] 2005
- [D] 2009

62. The Indian Tsunami Early Warning Centre (ITEWC) established at Indian National Centre for Ocean Information Sciences is located in

- [A] Chennai
- [B] Goa
- [C] Kochi
- [D] Hyderabad

63. Latur earthquake occurred in

- [A] 1991
- [B] 1992
- [C] 1993
- [D] 1994

64. The name of the largest active volcano is

- [A] Mauna Loa in Hawaii
- [B] Mount Washington in USA
- [C] Mount Fuji in Japan
- [D] Barren Island in India

65. What are the three phases of disaster management planning?

- [A] Evacuating, rebuilding and re-branding
- [B] Preparation, planning and perception
- [C] Planning, evacuating and recovery
- [D] Preparation, response and recovery

66. IPCC means

- [A] Intergovernmental Panel on Climate Change
- [B] Intergovernmental Panel on Climatic Condition
- [C] Intergovernmental Programme on Climate Change
- [D] International Panel on Climate Change

67. Which of the following emits dangerous radioactive wastes forcing the government to eliminate its use?

- [A] Nuclear energy
- [B] Water energy
- [C] Geothermal energy
- [D] Solar energy

68. Which of the following is related to acid rain?

- [A] Carbon dioxide
- [B] Nitrogen
- [C] Sulphur dioxide
- [D] Carbon monoxide

69. Zika virus is spread by

- [A] rat
- [B] mosquito
- [C] fly
- [D] pig

70. The two atom bombs dropped on Hiroshima and Nagasaki of Japan by US was during

- [A] World War I
- [B] World War II
- [C] Vietnam-US War
- [D] American Civil War

71. Which country is known as the most forest fire-prone country in the world?

- [A] Uganda
- [B] Canada
- [C] India
- [D] Australia

72. What is it called when a large number of people in a community get a disease at the same time?

- [A] Influx
- [B] Black death
- [C] Epidemic
- [D] Parasite