

This booklet contains 12 printed pages. Question Booklet No. : 611583

Question Booklet for TDP (General)/TDP (Honours)  
6th Semester Exam., 2019

**DISASTER MANAGEMENT**

Full Marks : 80 ]

(SOFT STUDY COURSE)

[ Time : 3 Hours

Question Booklet SET No. : A

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO**

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 A. 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.
9. No part of the Question Booklet shall be detached or defaced under any circumstances.
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.
13. The candidate must ensure that the Question Booklet and the OMR Answer Sheet are signed by the Invigilator.
14. After opening the Question Booklet, check the total number of printed pages and report to the Invigilator in case of any discrepancy.

Roll Number :

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OMR Answer  
Sheet No. :

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(As printed in the OMR Answer Sheet)

	Verified and found correct
Full Signature of the Candidate	Signature of the Invigilator with date

1. Zika virus is related to which of the following diseases?
  - [A] Dengue
  - [B] Yellow fever
  - [C] Japanese encephalitis
  - [D] All of the above
  
2. Which of the following volcanoes is known for its most destructive volcanic eruption in recorded history?
  - [A] Mount Kilimanjaro
  - [B] Mauna Loa
  - [C] Krakatoa
  - [D] Mount St. Helens
  
3. Bhopal Gas Disaster is a kind of
  - [A] natural disaster
  - [B] man-made disaster
  - [C] technological disaster
  - [D] None of the above
  
4. What is Ring of Fire?
  - [A] Belt of volcanoes in the Circum Pacific region
  - [B] Belt of volcanoes in the mid-Continental region
  - [C] Belt of volcanoes in the mid-Atlantic region
  - [D] None of the above
  
5. Which of the following rivers in Tripura experiences tide?
  - [A] Gumti
  - [B] Feni
  - [C] Haora
  - [D] Khowai
  
6. Who is known as the father of modern seismology?
  - [A] Charles Richter
  - [B] R. D. Oldham
  - [C] W. M. Davis
  - [D] None of them
  
7. Volcanoes are generally found where
  - [A] intraplates pull apart or are coming together
  - [B] tectonic plates diverge or converge
  - [C] earth's crust pull apart or are coming together
  - [D] None of these pull apart or are coming together
  
8. Volcanic molten material when inside the earth is called
  - [A] lava
  - [B] magma
  - [C] lahar
  - [D] None of the above

9. Cyclones occurring in North Atlantic Ocean are called

- [A] Typhoon
- [B] Hurricanes
- [C] Tornado
- [D] None of the above

10. High intensity and long duration of rainfall in Tripura cause

- [A] earthquakes
- [B] floods
- [C] landslides
- [D] cyclones

11. Most of the principal rivers in Tripura meet with which river of Bangladesh?

- [A] Meghna
- [B] Titas
- [C] Padma
- [D] None of the above

12. Disaster management includes

- [A] mitigation
- [B] reconstruction
- [C] rehabilitation
- [D] All of the above

13. Tsunamis can occur only during

- [A] evening
- [B] afternoon
- [C] any time
- [D] morning

14. In India, National Institute of Disaster Management is located at

- [A] Manipur
- [B] Punjab
- [C] Hyderabad
- [D] New Delhi

15. The Disaster Management Act was made in

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

16. Effective hazard management largely relies on

- [A] government agencies
- [B] emergency responses
- [C] pre-disaster planning
- [D] volcanoes

17. Which of the following is not an atmospheric hazard?

- [A] Epidemic
- [B] Hail
- [C] Heavy rainfall
- [D] Hurricanes

18. The point of the earth's surface directly above the point where an earthquake occurs is called the

- [A] focus
- [B] epicentre
- [C] fracture
- [D] fault

19. Vulnerability analysis comes in which part of the disaster management cycle?

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

20. Floods can be prevented by

- [A] afforestation
- [B] deforestation
- [C] reclamation of land
- [D] terracing

21. Which of the following organizations is the apex authority of disaster management in India?

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

22. Which of the following groups of people is more vulnerable in the event of disaster?

- [A] Men, boys, old people
- [B] Men, women, boys
- [C] Women, children, aged people
- [D] None of the above

23. Which wave of the earthquake produces rolling effect along the surface?

- [A] P wave
- [B] S wave
- [C] L wave
- [D] None of the above

24. Which of the following is known as the lighthouse of the Mediterranean Sea?

- [A] Vesuvius
- [B] Stromboli
- [C] Krakatoa
- [D] Popa

25. In India, cyclone is tracked through which satellite?

- [A] INSAT
- [B] IRS
- [C] Ocean SAT
- [D] None of the above

26. Intensity of an earthquake is measured by

- [A] modified Mercalli scale
- [B] Richter scale
- [C] scismograph
- [D] None of the above

27. The most calm part of the tropical cyclone is

- [A] limb
- [B] eye
- [C] periphery
- [D] None of the above

28. In India, Tsunami Warning Centre is located at

- [A] Kolkata
- [B] Hyderabad
- [C] Ahmadabad
- [D] None of the above

29. An example of Civil War is

- [A] Kargil War
- [B] World War I
- [C] Syrian War
- [D] None of the above

30. Wildfire in North America is known as

- [A] bushfire
- [B] brushfire
- [C] forest fire
- [D] None of the above

31. Which is the most landslide-prone area in India?

- [A] Ganges Valley
- [B] Peninsular Plateau
- [C] The Himalayas
- [D] None of the above

32. The two atom bombs dropped in Hiroshima and Nagasaki in Japan by USA during

- [A] World War I
- [B] World War II
- [C] Gulf War I
- [D] Gulf War II

- 33.** The twin tower of World Trade Centre in USA was destroyed by terror attack in the year
- [A] 2000  
[B] 2001  
[C] 2008  
[D] None of the above
- 34.** In northern hemisphere, the wind of the tropical cyclone blows in the direction of
- [A] anticlockwise  
[B] clockwise  
[C] straight  
[D] None of the above
- 35.** A storm becomes supercyclone when the wind blows at the speed of
- [A] more than 120 km/hour  
[B] more than 100 km/hour  
[C] more than 220 km/hour  
[D] None of the above
- 36.** Name the earthquake vulnerable building identified by Government of Tripura.
- [A] MBB College  
[B] Ujjayanta Palace  
[C] Neermahal  
[D] All of the above
- 37.** Ultimate consequences of war are
- [A] decline in human population  
[B] outbreak of diseases and epidemics  
[C] rise in refugees  
[D] All of the above
- 38.** In disaster management, mitigation measures involve
- [A] governmental action and administration  
[B] community action and administration  
[C] military action and administration  
[D] None of the above
- 39.** Which body in the State of Tripura can declare emergency in case of State level disaster?
- [A] TDMA  
[B] SEC  
[C] DDMA  
[D] SCMG
- 40.** The Mount Vesuvius is the example of a/an
- [A] active volcano  
[B] dormant volcano  
[C] extinct volcano  
[D] None of the above

41. What is the factor of river bank erosion in Tripura?

- [A] Absence of deep-rooted vegetation
- [B] Steep bank angle
- [C] Non-cohesive material in soil
- [D] All of the above

42. What is drought?

- [A] No rainfall for prolonged period
- [B] Less rainfall for prolonged period
- [C] Moderate rainfall for a long continuous period
- [D] None of the above

43. What do you mean by 'doldrums'?

- [A] Environmental condition found during El Nino
- [B] Environmental condition found over equatorial calm
- [C] Both [A] and [B]
- [D] None of the above

44. Which Department of Government of Tripura is responsible for issuing warning regarding drought/dry spells?

- [A] Health Department
- [B] Agriculture Department
- [C] Home Department
- [D] None of the above

45. In Tripura, the State Executive Committee (SEC) is headed by

- [A] the Chief Secretary of the State
- [B] the Chief Minister
- [C] the Governor
- [D] None of the above

46. The shortest major river of Tripura is

- [A] Feni
- [B] Haora
- [C] Juri
- [D] Muhuri

47. The longest hill range in Tripura is

- [A] Baramura Hill Range
- [B] Atharamura Hill Range
- [C] Jampui Hill Range
- [D] None of the above

48. The highest peak of Tripura is

- [A] Betling Sib
- [B] Jarimura
- [C] Feng Pui
- [D] Sakhan

49. Which of the following statements is correct about the consequences of flood?
- [A] Colossal loss of lives and properties
  - [B] Collapse of building and other physical structure
  - [C] Threat of epidemics and menace to public health
  - [D] All of the above
50. Name the gas that causes irritation of skin, eye, nose and throat and may cause respiratory problems.
- [A]  $\text{CO}_2$
  - [B]  $\text{NO}_2$
  - [C]  $\text{SO}_2$
  - [D] None of the above
51. Where Coriolis force is zero?
- [A] At the equator
  - [B] At the poles
  - [C] At the midlatitudes
  - [D] None of the above
52. What type of weather is associated with storms?
- [A] Violent thundering
  - [B] Heavy clouds with torrential rainfall
  - [C] Violent gusts of winds
  - [D] All of the above
53. Which of the following is **not** due to the effects of flood?
- [A] Epidemics and diseases like diarrhea, cholera, typhoid, etc.
  - [B] Increase in alkalinity of the soil
  - [C] Occurrence of landslides
  - [D] Scarcity of clean drinking water
54. The probable impact of drought is
- [A] reduced energy production
  - [B] reduction in groundwater level
  - [C] drying up of rivers, lakes and ponds
  - [D] All of the above
55. What are the common causes of wildfire?
- [A] Very high temperature
  - [B] Lightning
  - [C] Volcanic eruption
  - [D] All of the above
56. The natural cause of landslide is
- [A] earthquake
  - [B] heavy rainfall
  - [C] unscientific construction
  - [D] All of the above



57. The measure of soil erosion is
- [A] overgrazing
  - [B] reforestation
  - [C] sheetwash
  - [D] None of the above
58. Which of the following is *not* a man-made disaster?
- [A] Leakage of toxic gases
  - [B] Wars
  - [C] Collapse of high rise buildings
  - [D] All of the above
59. Long-term health effect after Bhopal Gas Tragedy is
- [A] impairment of memory
  - [B] obstructive and restrictive lung diseases
  - [C] early cataracts
  - [D] All of the above
60. When the outbreak of any disease was restricted to one country, it is called
- [A] epidemic
  - [B] endemic
  - [C] pandemic
  - [D] hypodermic
61. When the outbreak of any disease spreads from one country to the other, it is called
- [A] epidemic
  - [B] endemic
  - [C] pandemic
  - [D] hypodermic
62. What is the full form of SARS?
- [A] Social and Racial Struggle
  - [B] Soil and River Sewage
  - [C] Severely Affected River Sides
  - [D] Severe Acute Respiratory Syndrome
63. The modern world is currently facing the pandemic of
- [A] cholera
  - [B] malaria
  - [C] HIV-AIDS
  - [D] tuberculosis
64. Bird flu and swine flu are common in
- [A] birds
  - [B] human
  - [C] grazing animals
  - [D] monkeys

65. Which of the following is **not** an engineering disaster?
- [A] Dam failure
  - [B] Collapse of bridges
  - [C] Collapse of flyover
  - [D] Landslides
66. Where did Vivekananda Flyover Bridge collapse?
- [A] Kolkata
  - [B] Bangladesh
  - [C] Assam
  - [D] Orissa
67. Which housing construction practice is most suitable for earthquake-prone areas?
- [A] Masonry structure
  - [B] Random rubble-stone structure
  - [C] Mud walling structure
  - [D] Wooden structure
68. Economic rehabilitation is primarily related to
- [A] food
  - [B] health
  - [C] infrastructure
  - [D] habitation
69. The full form of MOS is
- [A] Modern Operating System
  - [B] Medical Observation System
  - [C] Meteorological Observation System
  - [D] Mining Operation System
70. Tripura falls under the earthquake zone of
- [A] V
  - [B] II
  - [C] III
  - [D] I
71. Which of the following hazards is called cancer of hill-slopes?
- [A] Landslide hazard
  - [B] Flood hazard
  - [C] Earthquake hazard
  - [D] Drought hazard
72. NH 08 in Tripura is mostly affected by
- [A] earthquake hazards
  - [B] landslide hazards
  - [C] flood hazards
  - [D] drought hazards

73. Which primary agency deals with human induced disaster?

- [A] Health Department
- [B] Home Department
- [C] Police Department
- [D] Civil Department

74. The primary agency responsible for GIS mapping in Tripura is the

- [A] Department of Information Technology
- [B] Department of Home
- [C] Department of Public Works
- [D] Space Application Centre

75. The effect of cloud burst is

- [A] drought
- [B] flood
- [C] storm
- [D] cyclone

76. Dumbur Dam of Tripura is located in the

- [A] Amarpur Block
- [B] Udaipur Block
- [C] Karbook Block
- [D] Gandachhara Block

77. Yellow Stone Park is located in

- [A] UK
- [B] USA
- [C] California
- [D] Australia

78. DDMA stands for

- [A] District Disaster Management Authority
- [B] District Disaster Management Agency
- [C] District Disaster Marketing Agency
- [D] None of the above

79. The full form of PEER is

- [A] Programme for Emergency Elementary Response
- [B] Programme for Emergency Educational Response
- [C] Programme for Enhancement for Emergency Response
- [D] Programme for Enhancement for Essential Response

80. Recovery processes are associated with the organization of

- [A] Indian Voluntary Health Organization
- [B] Indian Health Organization
- [C] Indian Health Recovery Group
- [D] Indian Red Cross Society