

[LL 0817]

AUGUST 2017

Sub. Code: 2259

B.Sc. MEDICAL SOCIOLOGY
(New Syllabus 2014-2015)

THIRD YEAR

PAPER IV – DISASTER MANAGEMENT AND ENVIRONMENTAL STUDIES

Q.P. Code: 802259

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Organizational structure of NDMA and its functions.
2. Write an essay on any recent disaster in India and its implications.
3. Explain the disaster management cycle with examples.

II. Write notes on:

(8 x 5 = 40)

1. Psychological dimensions of disasters.
2. Social implication of disasters.
3. Role of health department during disaster.
4. NIDM
5. Disaster mitigation.
6. Risk assessment. Explain management.
7. Community based disaster management.
8. Causes and impact of earthquake.

III. Short answers on:

(10 x 3 = 30)

1. Hazard analysis.
2. Mangroves.
3. Vulnerability analysis.
4. Definition and meaning of disaster management.
5. Nuclear power plant meltdown.
6. Role of medical sociologist during disasters.
7. Sphere standard.
8. Operation management.
9. Disaster response.
10. Team building in disaster management.

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Q.P. Code: 802259

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Define disaster. Discuss about different types of disasters with examples.
2. Describe the disaster management cycle.
3. Discuss the roles and responsibilities of a social worker in disaster management.

II. Write notes on:

(8 x 5 = 40)

1. Triage.
2. Immediate, medium and long term effects of floods.
3. Bioterrorism as man-made disaster.
4. Disaster mitigation.
5. Describe the role of social support in disaster response and management with example.
6. NDRF.
7. Role of central and state government in disaster management.
8. Role of health care agencies in disaster management.

III. Short answers on:

(10 x 3 = 30)

1. Natural disaster.
2. Man-made disaster.
3. Health disruption in disaster.
4. Epidemic following floods.
5. Nuclear meltdown and its effects.
6. Forest fires and its effects.
7. Volcanic eruption and its effects.
8. Community participation in disaster mitigation.
9. Role of social support after disaster impact.
10. Impact of earthquake.

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THIRD YEAR

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Q.P. Code: 802259

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Differentiate between Anthropogenic and natural Disasters with examples.
2. Explain Organisational structure of disaster management.
3. Describe any natural Disaster in India and discuss its effects on people including damages to human, animal and natural resources.

II. Write notes on:

(8 x 5 = 40)

1. Explain the legal provision under Disaster Management.
2. Steps to be taken before and after Floods.
3. Components of Disaster Management.
4. Explain the Role of Union in Disaster Management.
5. Discuss the Psycho social dimension of a Disaster.
6. Causes and effects of Forest Fires.
7. Tsunami Warning System.
8. Functions of Emergency Operation Centre/Control Room.

III. Short answers on:

(10 x 3 = 30)

1. Coal Mine Accidents.
2. Epidemics during Disaster.
3. Triage.
4. Vulnerability Analysis.
5. School awareness programme for Disaster Management.
6. Power sector crisis.
7. Search and Rescue.
8. Role play.
9. Terrorism.
10. Standard Operating Procedures.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LR 1220]

**DECEMBER 2020
(AUGUST 2020 EXAM SESSION)**

Sub. Code: 2259

**BACHELOR IN MEDICAL SOCIOLOGY
THIRD YEAR**

(New Syllabus 2014-2015)

PAPER IV – DISASTER MANAGEMENT AND ENVIRONMENTAL STUDIES

Q.P. Code: 802259

Time: Three Hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Define Disaster. Explain the classification of Disasters with examples.
2. Explain the Components of Disaster Management.
3. Describe the cause for Cyclone, its effects and Management.

II. Write notes on:

(8 x 5 = 40)

1. Describe any scheme of Disaster Management in India.
2. Discuss mitigation measures for a particular disaster.
3. Drought Management.
4. Role of Hospital in Disaster Management.
5. Explain the School Awareness Programme.
6. Role of Non-governmental organization in Disaster Management.
7. Team building and its components.
8. Standard operating procedures in Disaster Management.

III. Short answers on:

(10 x 3 = 30)

1. Mock Drills.
2. Forest Fires.
3. Land Use Planning.
4. Vulnerability Groups.
5. Trauma and Stress due to Disaster.
6. Mitigation.
7. Role of National Crisis Management Committee.
8. Epidemics.
9. Field care
10. Relief Work.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0122]

JANUARY 2022

Sub. Code: 2259

(FEBRUARY 2021 & AUGUST 2021 EXAM SESSION)

B.Sc. MEDICAL SOCIOLOGY
THIRD YEAR – (Regulation from 2014-2015)
PAPER IV – DISASTER MANAGEMENT AND ENVIRONMENTAL STUDIES
Q.P. Code: 802259

Time: Three Hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. What is meant by Disaster? What are the different stages of Disaster management? Explain with suitable examples.
2. Explain in detail about the role of union, states, armed forces and other agencies involved in disaster management?
3. Socio- psychological dimensions in disaster. Explain the factors to be considered while planning and rebuilding works after a major earthquake.

II. Write notes on:

(8 x 5 = 40)

1. Role of community in disaster management.
2. What are the causes for fire accidents? Describe different fire fighting arrangements to be provided in a film theatre
3. Hospital level preparedness.
4. Explain the importance and essential requirements of Search and rescue (S&R).
5. Define hazard assessment. Explain with examples the difference between hazard and vulnerability.
6. Mock drill.
7. What is meant by Emergency Plan Rehearsal? What are the advantages of such Rehearsals?
8. Flood control

III. Short answers on:

(10 x 3 = 30)

1. Damage Assessment.
2. Bioterrorism.
3. Disaster information centers.
4. Emotional intelligence.
5. Components of disaster management.
6. Triage at a hospital.
7. What are the methods of food distribution during a disaster?
8. Why residential quarters are not constructed nearer to Atomic Power Plant?
9. The essentials of disaster plan.
10. Household chemical emergency.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0922]

SEPTEMBER 2022

Sub. Code: 2259

(FEBRUARY 2022 & AUGUST 2022 EXAM SESSIONS)

B.Sc. MEDICAL SOCIOLOGY

THIRD YEAR – (Regulation from 2014-2015)

PAPER IV – DISASTER MANAGEMENT AND ENVIRONMENTAL STUDIES

Q.P. Code: 802259

Time: Three Hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Define Disaster. Explain the classification of Disasters with examples.
2. Organizational structure of National Disaster Management Authority and its functions.
3. Describe the disaster response mechanism in India.

II. Write notes on:

(8 x 5 = 40)

1. School awareness program for disaster management.
2. Causes and effects of cyclone.
3. Importance of social support after disaster impact.
4. Explain power crisis.
5. Bhopal gas tragedy, 1984.
6. Explain relief and rehabilitation in disaster management.
7. Bomb threat planning.
8. Role of Non-Governmental Organization in disaster management.

III. Short answers on:

(10 x 3 = 30)

1. Psychological impact after earthquake.
2. Ergonomics.
3. Define Triage.
4. Household chemical emergency.
5. Define Epidemic. Give two examples.
6. Mention flood preventive measures.
7. Landslide.
8. State the meaning of Mitigation.
9. Relief work.
10. What is SDMA?
