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University Examinations 2023/2024

THIRD YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR
OF COMMUNITY HEALTH DEVELOPMENT

CCM 3316: ENVIRONMENTAL HEALTH AND DISASTER MANAGEMENT

DATE: APRIL 2024

TIME: 2 HOURS

INSTRUCTIONS:

Answer *All* questions

Ensure that all your answers are properly numbered

Part I multiple Choice Questions (MCQ): Write the correct answer on the space provided in the answer booklet. Each MCQ is one mark

Part II: Short Answer Questions – Answer questions following each other on the answer booklet

Part III: Long Answer Questions – Answer each question

SECTION A: SHORT ANSWER QUESTIONS (30 MARKS)

1. List down any five situations that increase disaster risk in a community (10 marks)
2. Outline the five activities that should be put under consideration when planning for disaster prevention preparedness mitigation during inter disaster cycle “phase” of disaster cycle (10 marks)
3. What population is considered as “internally displaced persons (IDP) in a disaster situation (10 marks)
4. Outline the four activities that should be considered in a disaster cycle during pre-disaster cycle in a pre-disaster phase also known as “warning phase” (10 marks)

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SECTION B: LONG ANSWER QUESTIONS

1. Describe the four stages that one has to go through during disaster risk reduction cycle indicating the involved activities (20 marks)
2. What is the meaning of term triage? Discuss how it is applied in disaster situations

SECTION C (20 MARKS) MCQs

1. The following is a type of disaster classified as natural disaster
 - a. Deforestation
 - b. Tornados
 - c. Insurgency
 - d. Nuclear
2. Select the single type of disaster classified as terrorist perpetrated disaster
 - a. Armed aggression
 - b. Food
 - c. Wars and civil strife
 - d. Explosive
3. The following is one of the health care infrastructure that disaster can destroy in case of occurrence
 - a. Disaster may destroy hospitals
 - b. Disaster may destroy food industries
 - c. Disaster may destroy water treatment work
 - d. Disaster may destroy commercial centers
4. One of the following is a general impact that a disaster can create
 - a. Tourism attraction
 - b. Population growth
 - c. Wars
 - d. Property and infrastructure damage and destruction

5. In an earthquake disaster situation, the following is one of the damages that such a disaster may cause
 - a. Drowning
 - b. Injuries arising from structural collapse
 - c. Lifted into the air and then dropped
 - d. Explosion and death
6. The type of psychological and social behaviour that disaster can cause is
 - a. Disaster may cause interest for hard work
 - b. Disaster may cause anxiety for all the people to go and witness what is happening
 - c. Disaster may provoke increases in anxiety depression and neuroses
 - d. Disaster may cause massive self-denial
7. During primary prevention in disaster preparedness, public education, rehearsal and training prepare citizens to respond to a disaster in a manner that promotes
 - a. Resiliency and minimizes risk
 - b. Anxiety
 - c. Fear
 - d. Willingness to face it
8. Secondary disaster prevention or early intervention consists of
 - a. Vacating the expected disaster area
 - b. Creating barriers
 - c. Rescue and recovery
 - d. Bringing support team
9. Which support team comes to help in reconstructing communities and make repairs to the land and infrastructure during tertiary prevention or recovery phase
 - a. Nurses
 - b. Soldiers
 - c. Social workers

- d. Artisans
10. It is recognized as one of the seven issues in disaster management
- a. Tolerance
 - b. Self-reliance
 - c. Focused
 - d. Patient
11. It is considered as one of the mitigation measures for disaster
- a. Train personnel
 - b. Sensitize people
 - c. Start with low cost measures eg non-structural
 - d. Identify critical health facilities for response
12. It is one of the four stages in disaster risk reduction cycle
- a. Preparedness
 - b. Reduce risk
 - c. Focus on operation
 - d. Start with low cost measures
13. It is one of the phases in disaster cycle
- a. Identifying risks phase
 - b. Identifying vulnerabilities “phase”
 - c. Pre-disaster phase
 - d. Conducting professional training “phase”
14. It is recognized as one of the management steps in disaster epidemiology
- a. Disinfecting the dead
 - b. Vulnerability and hazard assessment
 - c. Wearing of gloves
 - d. Deodorization

15. Before a disaster (interdisaster phase) the following is one of epidemiologic method that requires to be applied for management purpose
- Assessing level of emergency preparedness
 - Prioritizing relief efforts
 - Conducting disaster surveillance
 - Conducting epidemic investigations
16. A measure to prevent vector-borne diseases due to inadequate disposal of liquid and solid wastes, leading to fly nuisance
- Provide sewerage system
 - Provide pit latrines in the area
 - Daily use of lime slaked powder
 - Provide bucket latrines
17. A disaster outbreak, threat control measure, when there is no piped distribution of water supply hence no water collection points
- Provide piped water
 - Provide water boiling points
 - Provide chlorinated water
 - Allow water donors
18. This is one of the information need for the purpose of avoiding serious negative disaster effects in future
- Establish an intervention budget
 - Evaluate programme effectiveness
 - Develop an alert signal
 - Create supportive neighbour
19. A move that increase disaster risk
- Increased technology
 - A big population of youth

- c. Reducing population density
 - d. Increasing population density
20. The following is one of the situations that make it difficult to relocate a community from areas where a disaster has occurred
- a. The disaster affected community will not accept to be relocated
 - b. The cost to relocate is usually higher than the cost to rebuild
 - c. The new relocation site is strange and not accomodatable
 - d. There may not be water in the new site