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BHME-101

**CERTIFICATE IN HEALTH CARE
WASTE MANAGEMENT (CHCWM)**

Term-End Examination

December, 2022

**BHME-101 : INTERRELATIONSHIP BETWEEN
HEALTH AND ENVIRONMENT**

Time : 3 Hours

Maximum Marks : 70

Note : *Attempt any **seven** questions. Answer within
600-800 words each. All questions carry
equal marks.*

1. What is an epidemiological triad ? Discuss the factors which are implicated in the development of disease. 4+6
2. Discuss the various dimensions of health. 10

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3. Enumerate the major sources of health care waste. Discuss the hazards associated with health care waste. 5+5
4. Discuss the effects of mercury on human health and environment based on the type of exposure. 10
5. Describe the environmental factors which affect human health. 10
6. Discuss the effects of ultraviolet radiation on human health. Enumerate the factors that make an individual to become vulnerable. 6+4
7. Discuss any *three* environmental interventions that can reduce disease burden and how it can reduce. 10

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8. Describe the risks due to needle stick injury.
Enumerate the procedures that can lead to
needle stick injury in health care sector. 10

9. Enumerate the sources of cadmium in health
care. Describe the preventive measures for
exposure to cadmium in health care waste. 2+8

10. Discuss the effect of genotoxic waste on human
health. Describe the mechanism in which it can
enter the human body. 10