BRAINWARE UNIVERSITY

Term End Examination 2023-2024
Programme – MBA(HM)-2023
Course Name – Health Environment
Course Code - MBAHM103
(Semester I)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A
(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

(i) Choose term for the process by which a disease spreads rapidly across a large geographic area, affecting a high proportion of the population?

a) Epidemic
b) Pandemic
c) Outbreak
d) Endemic

(ii) Select waterborne disease caused by a bacterium and often associated with contaminated drinking water?

a) Influenza
b) Typhoid fever
c) Dengue fever
d) Measles

(iii) Select environmental factor is a leading cause of preventable death worldwide and is linked to conditions like heart disease and lung cancer?

a) Noise pollution
b) Air pollution
c) Soil pollution
d) Water pollution

(iv) Cite term for the process of reducing waste and reusing materials to minimize environmental impact?

a) Recycling
b) Composting
c) Sustainable development
d) Conservation

(v) Choose the correct meaning of the acronym \"OSHA\" stands for workplace safety.

a) Occupational Safety and Health Administration
b) Office for Safety and Health Assessment
c) Organization for Standardized Hazard Analysis
d) Office of Safety and Hazard Assessment

(vi) Predict the purpose of the \"Right to Know\" law in the workplace?

a) To limit access to information for employees
b) To ensure that employees have access to information about hazardous chemicals
c) To prevent employees from knowing about workplace hazards
d) To restrict employee access to company policies

(vii) Select which type of tax is often used to discourage the use of plastic bags.

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a) Value-added tax (VAT)
b) Excise tax
c) Consumption tax
d) Plastic tax

(viii) Choose the sector that is typically the largest source of greenhouse gas emissions targeted by green taxation policies.

a) Agriculture
b) Transportation
c) Information technology
d) Healthcare

(ix) Tell us a correct definition of the Neutral Body Position in ergonomics.

a) The posture in which an individual slouches in their chair
b) A position that minimizes stress on the musculoskeletal system
c) The posture that encourages frequent stretching
d) The position that requires excessive force during work tasks

(x) Cite the term for the study of how humans interact with products, equipment, and systems in their environment?

a) Anthropology
b) Ergonomics
c) Biotechnology
d) Geology

(xi) Select which of the following is NOT a common foodborne pathogen.

a) Salmonella
b) E. coli
c) Influenza
d) Listeria

(xii) Choose is a common route of human exposure to mercury pollution?

a) Inhalation of contaminated air
b) Consumption of contaminated seafood
c) Skin contact with mercury-contaminated soil
d) All of the above

(xiii) Choose the role of antibodies in the immune system.

a) Attacking pathogens directly
b) Producing fever
c) Regulating blood sugar
d) Binding to and neutralizing pathogens

(xiv) Choose an example of a strategic risk.

a) Employee turnover
b) Market competition
c) Natural disasters
d) Data security breaches

(xv) Select the other name for infectious diseases

a) Non-communicable diseases
b) Communicable diseases
c) Non-transmissible diseases
d) Heredity diseases

Group-B
(Short Answer Type Questions)

3 x 5=15

2. Evaluate the effects of pesticides on human health. (3)
3. State the impact of food-related issues on health outcomes. (3)
4. Explain the term 'Green Taxation'. (3)
5. Illustrate the factors influencing environmental food-related disease. (3)
6. Explain the term Dose in accordance with toxicology in environmental health. (3)

OR

Illustrate the concept of risk management. (3)

Group-C
(Long Answer Type Questions)

5 x 6=30

7. Express the effects or challenges to the environment due to the evolution of civilization. (5)
8. Illustrate the concept of Mercury pollution and enlist all its important key points. (5)
9. Explain infectious disease and illustrate its types, transmission, prevention & and control, global impact and challenges related to them. (5)
10. Estimate the origins of food safety problems and justify the methods to minimize associated risks. (5)

11. Identify the role of taxes as a means to control environmental pollution. (5)
12. Evaluate the effect of environmental chemical toxins at the individual level. (5)

OR

Estimate various environmental hazards they can affect human health (5)

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