BRAINWARE UNIVERSITY

Term End Examination 2022
Programme – MBA(HM)-2022
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) What is called for the phenomenon when the radiation absorbed by the atmosphere is re-radiated towards the surface of the Earth?
   a) Smog
   b) Newton effect
   c) Darwin effect
   d) Greenhouse effect

(ii) Under the PFA Act, when is the food said to be adulterated
   a) if any ingredient is injurious to health
   b) if it is obtained from a diseased animal
   c) if spices are sold without their essence
   d) all of these

(iii) Why does the environmental pathways of chemicals has to be found in exposure assessment?
   a) To predict the source of discharge
   b) To estimate chemicals
   c) Chemical analysis
   d) To determine affected biota

(iv) How do pollutants reach humans?
   a) By external factors
   b) By internal factors
   c) Pollutants never reach to humans
   d) There is nothing called pollutants

(v) Which one of the following is an effect due to environmental pollution for human health?
   a) Increase in the male fertility
   b) Decrease in the carcinogen cells
   c) Decrease in the mental stress
   d) Decrease in the male fertility

(vi) Which one of the following is not among the three R's to save the environment.
   a) Reduce
   b) Recover
   c) Recycle
   d) Reuse

(vii) 'Green Accounting' means measuring the National Income of the country taking into account estimation of
   a) the total forest area of the country
   b) the destruction of forest cover of the country
   c) pollution and environmental damage
   d) area of reclaimed fallow land

(viii) The different ways a person can come into contact with hazardous chemicals are called

_____

   a) Exposure pathways   b) Toxic pathways

   c) Chemical pathways   d) Hazard pathways

(ix)   The severity of toxic exposure on an individual depends on _____

   a) Age and health   b) Genetics

   c) Dose and susceptibility   d) Diet

(x)   Purpose of Phase-3 trial is

   a) To determine maximum tolerated dose in humans, Pharmacodynamics effects, Adverse effect.

   b) Determine Possible therapeutic uses, Effective doses range

   c) Efficacy and Safety of drug in longer number of patients (500 patients)

   d) Long time adverse effects aster marketing drug

(xi)   If drug is so colored, coated or polished that damage its therapeutic value or it is made to appear of better or greater therapeutic value than it really is known as

   a) Adulterated Drug   b) Spurious Drug

   c) Misbranded Drug   d) True Drug

(xii)   When did Forest Conservation Act, 1980, come into force?

   a) 01 April 1986   b) 01 March 1986

   c) 01 May 1986   d) 25 October, 1980

(xiii)   Food adulteration is described as the activity of adulterating food or contaminating food ingredients by introducing a few compounds together referred to as the?

   a) Adulterants   b) Decomposed

   c) Nutrients   d) Consumption

(xiv)   What is the first step in development of dose-response relationship curve?

   a) Toxicological end point   b) End point

   c) Start point   d) Intermediate point

(xv)   Which one of the following cause harm to human health?

   a) Organic farming   b) Using of pesticides

   c) Using solar vehicles   d) Protecting forests

Group-B
(Short Answer Type Questions)   3 x 5=15

2. How can we improve environmental health?   (3)
3. Identify major water-borne infectious diseases   (3)
4. Identify the role of food quality.   (3)
5. Discuss health disparity issues.   (3)
6. Explain global warming?   (3)

OR

Compare and contrast risk management versus risk assessment.   (3)

Group-C
(Long Answer Type Questions)   5 x 6=30

7. Define Internal Contamination, External Contamination, and Radioactive Exposure;   (5)
8. Describe various stages of stress management.   (5)
9. Carbon monoxide is more dangerous than carbon dioxide. Why?   (5)
10. What is green house effect? Which gas is mainly responsible for global warming?   (5)
11. What are the harmful effects of ozone layer depletion?   (5)
12. How do you identify adulterated goods?   (5)

OR

What is the most effective methods of detecting adulterated food? (5)

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