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Paper Code : BBA (HM) 501 Epidemiological Transitions in Healthcare

Time Allotted : 3 Hours

Full Marks :70

The Figures in the margin indicate full marks.

Candidate are required to give their answers in their own words as far as practicable

Group-A (Very Short Answer Type Question)

1. Answer any ten of the following :

[1 x 10 = 10]

- (i) The period preliminary to the onset of disease in man is referred as _____.
- (ii) State true or false:
Incidence rate is defined as "the number of OLD cases occurring in a defined population during a specified period of time."
- (iii) The _____ of infection is defined as "the person, animal, object or substance from which an infectious agent passes or is disseminated to the host."
- (iv) The incubation period for COVID-19 is _____
- (v) State true or false:
Screening is testing for infection or disease in population or in individuals who are not seeking health care.
- (vi) The phase which begins with the entry of disease agent in susceptible human host is known as _____.
- (vii) The incubation period for influenza is _____.
- (viii) Control of tobacco and alcohol consumption is a part of primary prevention for which disease?
- (ix) State true or false:
The floating tip of the iceberg represents what the physician doesn't see in the community.
- (x) _____ refers to the cases which occur irregularly, haphazardly from time to time and generally infrequently.
- (xi) When a patient reports late in the pathogenesis phase, the mode of intervention is _____.
- (xii) What are the 2 ultimate aim of epidemiology which leads to an effective action?

Group-B (Short Answer Type Question)

Answer any three of the following

[5 x 3 = 15]

2. Write short note on Endemic. [5]
3. Write short note on Active Immunity. [5]
4. Write short note on Epidemiological Traid. [5]
5. Write short note on Sporadic [5]
6. Write short note on Epidemic. [5]

Group-C (Long Answer Type Question)

Answer any three of the following

[15 x 3 = 45]

7. Write down the advantages and disadvantages of case control study. [15]
8. (a) Define cold life. [5]
(b) Discuss any 5 types of cold chain equipment's which are used today. [10]
9. (a) What are the different Mortality Rates and Ratios? [5]
(b) What are the different determinants of health? [10]
10. (a) What is source and reservoirs? [5]
(b) Discuss different types of reservoir. [10]
11. (a) What is active and passive immunity? [5]
(b) Discuss different types of immunizing agents. [10]

*** END OF PAPER ***