



BRAINWARE UNIVERSITY

Term End Examination 2021 - 22

Programme – Bachelor of Business Administration in Hospital Management

Course Name – Principles of Epidemiology

Course Code - BBAHMC403

(Semester IV)

Time allotted : 1 Hrs.15 Min.

Full Marks : 60

[The figure in the margin indicates full marks.]

Group-A

(Multiple Choice Type Question)

1 x 60=60

Choose the correct alternative from the following :

- (1) The disease that has been eradicated till date is

a) Chickenpox	b) Polio myelitis
c) Smallpox	d) Measles
- (2) BCG is a:

a) Live viral vaccine	b) Dead viral vaccine
c) Live attenuated bacterial vaccine	d) Dead bacterial vaccine
- (3) In pre-pathogenesis phase, we find:

a) the disease agent has not yet entered the body of the host	b) the disease has entered the body of the host
c) both (a) and (b)	d) none of these
- (4) Infectivity of a biological agent means its:

a) ability to invade or enter a host	b) ability of the host to stimulate the host to produce antibodies
c) ability to cause disease	d) ability to damage the tissue cells of the host and even cause death
- (5) Influenza is a zoonotic disease that can be conveyed to may by:

a) Pigeon	b) Pigs
c) Snails	d) All of these
- (6) Rehabilitation refers to:

a) restoration of capacity to earn a livelihood	b) restoration of social relationships
c) restoration of function	d) all of these
- (7) The relation between prevalence (P) and incidence (I) is:

- a) The elimination of infectious diseases and the increase in chronic diseases as the major problem in developing countries
- b) The continuing problem of infectious diseases plus the rapid increase in chronic diseases in developing countries
- c) The development of epidemiology as a major discipline in developing countries
- d) None of these
- (32) Which of the following confers the greatest risk of acquiring HIV infection?
- a) Being the receptive partner in anal intercourse
- b) Being the insertive partner in anal intercourse
- c) Being the female in heterosexual intercourse
- d) Being the receptive partner in oral-genital intercourse
- (33) The primary objective of immunization programs is to:
- a) Prevent infection
- b) Prevent disease
- c) Prevent further transmission of the disease agent
- d) None of these
- (34) The highest numbers of victims of violence are experienced by which group of health workers?
- a) Nurses
- b) Physicians
- c) Mental health workers
- d) Emergency room personnel
- (35) Disease reporting systems can be categorized into two main types:
- a) Cohort and cross-sectional
- b) Passive and active
- c) Anonymous and mandatory
- d) None of the above
- (36) Breast cancer screening is an example of:
- a) Primary prevention
- b) Secondary prevention
- c) Tertiary prevention
- d) Quaternary prevention
- (37) Who is the father of medical sociology?
- a) Macintyre
- b) Hippocrates
- c) John Snow
- d) None
- (38) Burden of disease is measured by:
- a) Disability Adjusted life years (DALY)
- b) Physical Quality of life years (PQLY)
- c) Health Adjusted Life Years (HALE)
- d) All of the above
- (39) PNMR refers to:
- a) Post Neonatal mortality rate
- b) Post-natal mortality rate
- c) Perinatal mortality rate
- d) Prenatal mortality rate
- (40) The nature of common source epidemic:
- a) Scattered effect
- b) Explosive
- c) More prevalence rate
- d) All of above
- (41) Major source of air pollution in city is:
- a) Automobiles
- b) Gas stove
- c) Burning wood
- d) Industries
- (42) PERT means:
- a) Gender analysis
- b) Network analysis
- c) Statistical analysis
- d) Problem analysis
- (43) Iodine surveillance in community is done by:

- a) Testing iodine secretion in urine
 c) Analysis of goiter prevalence
- b) Measuring iodine from packets
 d) Data collection
- (44) Validity stands for-
- a) Accuracy
 c) Consistency
- b) Reliability
 d) All
- (45) What is the name of the disease in man arising out of Vitamin B1 deficiency?
- a) Scurvy
 c) Pellagra
- b) Beriberi
 d) Gingivitis
- (46) The deficiency of which of the following group of nutrients affects the skin?
- a) Iron, Iodine, Zinc, Potassium
 c) Vitamin K, Calcium, Fluorine, Copper
- b) Riboflavin, Niacin, Pyridoxine, Pantothenic Acid
 d) All the three
- (47) Which one of the following diseases is a communicable?
- a) Rickets
 c) Diabetes
- b) Amoebiasis
 d) Cancer
- (48) A sexually transmitted bacterial disease is:
- a) AIDS
 c) Herpes
- b) Syphilis
 d) Hepatitis
- (49) Which one is vehicle borne?
- a) Typhoid
 c) Rabies
- b) Cancer
 d) Mumps
- (50) Dengue is caused by:
- a) Female Aedes
 c) Male Anopheles
- b) Male Aedes
 d) Female Anopheles
- (51) A droplet infection is:
- a) Tetanus
 c) Syphilis
- b) Pneumonia
 d) Typhoid
- (52) Breast cancer is the example of which disease.
- a) Deficiency
 c) Allergic
- b) Hormonal
 d) Malignant
- (53) Pneumonia that infects lung alveoli is caused by:
- a) Streptococcus species
 c) Salmonella
- b) Plasmodium species
 d) Hemophilus
- (54) A reservoir is the habitat where an infectious disease lives, multiplies and grows. Which of these could be a reservoir?
- a) Chronic carrier
 c) Hospital room floor
- b) Medical equipment
 d) All the above
- (55) The primary goal of public health is to:
- a) Protect the uninfected
 c) Protect the identity of those who have died from an infectious disease
- b) Protect the infected
 d) (a) and (c)
- (56) Which of the following are goals of vaccination?

- a) Prevent infection
 - b) Prevent disease
 - c) Prevent transmission
 - d) All of the above
- (57) Surveillance data must be:
- a) Rapidly collected
 - b) Use simple case definitions
 - c) Provide very precise estimates
 - d) Both a. and b.
- (58) Determinants of acquiring an HIV infection from an infected person per sexual act include:
- a) Viral RNA level
 - b) Presence of other infections
 - c) Condom use
 - d) All of the above
- (59) HIV is a member of a group of viruses called:
- a) Bacteriophages
 - b) Lysogenic viruses
 - c) Retroviruses
 - d) Gemini viruses
- (60) Incubation period of typhoid is:
- a) 7 – 17 days
 - b) 5 – 10 days
 - c) 1 – 5 days
 - d) 3 – 4 days