



BRAINWARE UNIVERSITY

Term End Examination 2020 - 21

Programme – Bachelor of Science in Medical Radiology & Imaging Technology

Course Name – National Healthcare Delivery System and Medical Laboratory Science

Course Code - BMRIT101

Semester / Year - Semester I

Time allotted : 75 Minutes

Full Marks : 60

[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 60=60

1. (Answer any Sixty)

(i) Comprehensive primary health care is characterized by activities that work to change:

- | | |
|--|--|
| a) Social and political determinants of illness | b) Economic and educational well-being |
| c) Health status in communities, regions or cities | d) All of these |

(ii) Primary prevention is concerned with:

- | | |
|--|--|
| a) Preventing disease or illness occurring | b) Delaying the progress of an existing disease or illness |
| c) Maintaining current health status | d) Treatment of existing disease or illness |

(iii) Primary health care focuses on:

- | | |
|--|--|
| a) Providing early diagnosis and treatment | b) Performing health surveillance measures |
| c) Exploring the relationship between determinants of health | d) Reducing inequity and improving effects of disadvantage |

(iv) Which approach to health is the most concerned with the social causes of disease, injustice and inequity?

- | | |
|---------------|----------------------|
| a) Biomedical | b) Behavioural |
| c) Ecological | d) New public Health |

(v) Primary health care is usually practiced in:

- a) Community health services and NGOs
- b) Community and acute care clinics
- c) Aboriginal health services and NGOs
- d) Health education units

(vi) Allocation of health resources to one geographic area or group is an example of

- a) Health inequity
- b) Health equity
- c) Health inequality
- d) Health justice

(vii) Collective efforts by a group to increase their control over health determinants is known as

- a) Community control
- b) Public policy
- c) Community action
- d) Health activism

(viii) What role were health professionals seen as fulfilling in health promotion?

- a) Enabling and nurturing health promotion
- b) Controlling the health promotion agenda
- c) Monitoring the health care team
- d) Working with teachers

(ix) Which WHO meeting leads to the health care providers to health care consumers and communities?

- a) First International Health Promotion Conference
- b) Australian Better Health Commission
- c) Alma Ata
- d) Health for All by the Year 2000

(x) Alma-Ata conference was held on

- a) 6-12 sep,1986
- b) 5-12 june,1978
- c) 6-12 sep,1978
- d) 8-12 sep,1978

(xi) PRA tools include:

- a) Village Mapping
- b) Transect walk

c) Venn Diagram

d) All of these

(xii) Which of the following is not for the communicable disease:

a) National Leprosy Eradication Programme

b) National AIDS Control Programme

c) Revised National Tuberculosis Control Programme

d) National Diabetes Control Program

(xiii) When preparing a tissue for Histopathology and light microscopy, which method precedes clearing the specimen with an organic solvent?

a) Fixation

b) Clearing

c) Dehydration

d) Embedding

(xiv) Biopsy deals with

a) Dead body tissues

b) Living body organism

c) Diseased tissue from living organism

d) Living tissues

(xv) Embedding step requires:

a) Paraffin wax

b) Molten wax

c) Silicon oil

d) Silica gel

(xvi) Hematoxyline stain is used for:

a) Cytoplasm staining

b) Nuclear staining

c) Mitochondria staining

d) Cell membrane staining

(xvii) Eosin staining is used for:

a) Mitochondria staining

b) Cell membrane matrix staining

c) Cytoplasm staining

d) Nuclear staining

(xviii) The excretory function of liver can be evaluated using a dye:

a) Aminotransferase

b) Alkaline phosphatase

c) Galactose

d) Bromosulphthalein(BSP)

(xix) Bilirubin is not excreted in urine in:

a) Obstructive Jaundice

b) Hemolytic Jaundice

c) Hepatic Jaundice

d) All of these

(xx) Heparin is used as:

a) Anticoagulating agent

b) Blood thicker agent

c) Antioxidant

d) Clot activator

(xxi) For prothrombin time estimation the citrate : blood ration is

a) 0.04375

b) 0.0451388888888889

c) 0.0479166666666667

d) 0.0458333333333333

(xxii) The basic Principle of Ayurveda includes all except:

a) Vyau

b) Pitta

c) Kapha

d) Ulcer

(xxiii) Bacteria in Ayurveda is called as:

a) Krimi

b) Fungus

c) Virus

d) Parasite

(xxiv) Father of Homeopathy was

a) Hahneman

b) Pastuer

c) Robert Cox

d) Charak

(xxv) Virulence is the:

a) Ability to cause clinical disease

b) Ability to cause severe disease

c) The ability to evoke an immune response

d) All of these

(xxvi) An infectious disease agent may cause:

- a) No infection
- b) Subclinical infection
- c) Clinical infection
- d) All of these

(xxvii) The incubation period is the interval between:

- a) The time of infection and death
- b) Appearance of clinical symptoms and death
- c) The time of infection and appearance of clinical symptoms
- d) Time of infection and appearance of antibodies

(xxviii) An epitope is

- a) An antigen
- b) A subunit of an antigen that binds with specific immune receptors
- c) Usually causes autoimmune disease
- d) The envelope of a virus

(xxix) The factor which is not included in epidemiological triad model is

- a) Agent
- b) Host
- c) Time
- d) Environment

(xxx) Pathogenicity refers to

- a) Proportion of exposed persons
- b) Proportion of infected persons who develop subclinical disease
- c) Proportion of infected persons who develop clinical disease
- d) All of these

(xxxii) Cohort study design flows from

- a) Outcome to exposure
- b) Exposure to outcome
- c) Exposure to no clinical symptom development
- d) None of these

(xxxiii) Melanoma related to:

- a) Kidney
- b) Skin

c) Liver

d) Spleen

(xxxiii) Which test can be used to detect hemolytic anemia?

a) Coombs test

b) Genetic testing

c) Peripheral blood smear

d) Schilling test

(xxxiv) Which of the following would correlate with an elevated ESR values?

a) Osteoarthritis

b) Polycythemia

c) Inflammation

d) Decreased globins

(xxxv) Insulin is a natural hormone secreted by which organ or gland?

a) Kidney

b) Liver

c) Pancreas

d) Spleen

(xxxvi) Glycosuria is the excretion which molecule into the urine

a) Fructose

b) Glucose

c) Maltose

d) Galactose

(xxxvii) Which aminoacid is responsible for Hartnup's disease:

a) Glycine

b) Alanine

c) Tryptophan

d) Histidin

(xxxviii) The denaturation temperature for DNA is:

a) 105°C

b) 95°C

c) 75 °C

d) 97°C

(xxxix) Lactobacillus is

a) Gram negative bacteria

b) Gram positive bacteria

c) Virus

d) None of these

(xl) Pulse Polio Program is started on:

- a) 1998
- b) 1995
- c) 1992
- d) 2002

(xli) BCG Vaccination Program:

- a) 1951
- b) 1956
- c) 1959
- d) 1954

(xlii) Tonsilectomy means

- a) Removal of tonsil gland
- b) Removal of thyroid gland
- c) Medication of tonsilitis
- d) None of these

(xliii) Analgesia refers to

- a) Loss of pain sensitivity
- b) Loss of pain susceptibility
- c) Sleep deprivation
- d) All of these

(xliv) Plane at right angle to the long axis of the body is called

- a) Saggital
- b) Coronal
- c) Transverse
- d) Oblique

(xlv) Cranial means

- a) Towards the head
- b) Towards the back
- c) Towards the tail
- d) Towards the front

(xlvi) Ontogeny is the developmenal history of a human

- a) After birth
- b) From fertilization till death
- c) Before birth
- d) Through evolution

(xlvii) The first bone to start ossifying

- a) Mandible
- b) Femur

c) Clavicle

d) humerus

(xlviii) Proximal is Close to

a) Root of limb

b) Root of finger

c) Root of palm

d) Root of thumb

(xlix) A propagated epidemic is usually the result of what type of exposure?

a) Person-to-person

b) Point source

c) Continuous common source

d) Intermittent common source

(l) A reservoir of an infectious agent can be:

a) An asymptomatic human

b) The environment

c) National Nutritional Programs

d) Programs for AYUSH

(li) Pyrexia in anatomy means:

a) Cough

b) Fever

c) Influenza

d) Inflammation

(lii) Juxta means in medical term:

a) Adjacent

b) Around

c) Below

d) Inside

(liii) Rhino is related to:

a) Ear

b) Head

c) Nose

d) Limb

(liv) PPE is the acronym of

a) Personal protective equipment

b) Person preparing estimate

c) Protective and proliferative estimate

d) None of these

(lv) Plagia means

- a) Paralysis
- b) Pain
- c) Swelling
- d) Phobia

(lvi) Autopsy deals with

- a) Diseased tissue from dead body
- b) Diseased tissue from living body
- c) All type tissue
- d) None of these

(lvii) In Bronchoscope, 'scope' means

- a) Examining or Viewing
- b) Surgical procedure
- c) Bronchial tubes replacement
- d) All of these

(lviii) In glucose vial two most common anticoagulant is:

- a) Sodium fluoride
- b) Potassium oxalate
- c) None of these
- d) Both of these

(lix) Hemostatic disorders deals with:

- a) Bleeding abnormalities
- b) Clotting abnormalities
- c) Serum abnormalities
- d) Both (Bleeding abnormalities) and (Clotting abnormalities)

(lx) Hydroxyurea

- a) Decreases nitric acid
- b) Increases neutrophil and monocytes
- c) Inhibits DNA synthesis
- d) Both (Decreases nitric acid) and (Increases neutrophil and monocytes)