



**BRAINWARE UNIVERSITY**  
**Term End Examination 2020 - 21**  
**Programme – Bachelor of Physiotherapy**  
**Course Name – Introduction to Healthcare Delivery System in India**  
**Course Code - BPT104**

Time allotted : 75 Minutes

Semester / Year - Semester I

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) The basic Principle of Ayurveda includes all except

- |          |          |
|----------|----------|
| a) vayu  | b) Pitta |
| c) Kapha | d) Ulcer |

(ii) Diabetes is screened by the measurement of

- |                  |                                |
|------------------|--------------------------------|
| a) Insulin       | b) Glycated hemoglobin (HbA1c) |
| c) Serum albumin | d) Globulin                    |

(iii) Malaria is a disease caused by

- |             |             |
|-------------|-------------|
| a) parasite | b) bacteria |
| c) virus    | d) fungi    |

(iv) The animal linked to Ebola virus is the

- |               |           |
|---------------|-----------|
| a) bat        | b) rabbit |
| c) guinea pig | d) pigs   |

(v) The primary source of blood cell is

- |           |                |
|-----------|----------------|
| a) spleen | b) bone marrow |
| c) liver  | d) lymph nodes |

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

- a) Fructose
- b) Glucose
- c) Maltose
- d) Galactose

(vii) Diabetes is defined best as

- a) A metabolic disease characterized by low blood sugar
- b) A metabolic disease characterized by high blood sugar
- c) A family of blood infections
- d) Occurs due to hemorrhage

(viii) Chromatin is composed of

- a) RNA
- b) DNA & RNA
- c) RNA and protein
- d) DNA and Histone protein

(ix) The energy for all forms of muscle contraction is provided by

- a) ATP
- b) Oxidative phosphorylation
- c) phosphocreatine
- d) Creatinine

(x) The primary source of blood cell is:

- a) Bone marrow
- b) Spleen
- c) Liver
- d) Lymph nodes

(xi) Allergic reaction is frequently associated with increase in:

- a) Lymphocytes
- b) Eosinophil
- c) Monocytes
- d) Neutrophil

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

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

(xiii) ICMR is

- a) Indian corporate of medical research
- b) Indian cabinet of medical research

c) Indian council of medical research

d) Indian control of medical research

(xiv) PHC is

a) Public health center

b) Primary health center

c) Primary health corporation

d) Primary health corporate

(xv) Most recent added treatment under healthcare system in India is

a) Telepathy

b) Telemedicine

c) Telegram

d) Tele transfer

(xvi) In Panchamahabhuta, which is not included

a) Akasha

b) vayu

c) Agni

d) soul

(xvii) According to Yajnavalkya, Yoga means

a) Strength

b) power

c) Union

d) Activity

(xviii) In India Siddha system of medicine came from

a) Marathi

b) Odia

c) Tamil

d) Assamese

(xix) All are included in Tridosha, except

a) Vata

b) Pitta

c) Kapha

d) Mamsa

(xx) In Naturopathy, Jala chikitsa is also known as

a) Magnet Therapy

b) Hydro therapy

c) Heliotherapy

d) Mud Therapy

(xxi) Viremia is

- a) Virus present in blood
- b) Fungi present in blood
- c) Bacteria present in blood
- d) Virus and bacteria both are present in blood

(xxii) The blood pH is:

- a) Alkaline
- b) Acidic
- c) Very Acidic
- d) Neutral

(xxiii) Anemia associated with vitamin B12 or folate deficiency:

- a) Hypochromic-microcytic
- b) Macrocytic
- c) Normochromic-normocytic
- d) Microcytic

(xxiv) Hemophilia A is a disorder associated with a deficiency of:

- a) Factor VIII
- b) Factor IX
- c) Circulating platelets
- d) Vitamin K–dependent coagulation factors

(xxv) If a patient is Group A, what is the preferred blood group for transfusion?

- a) A
- b) B
- c) O
- d) AB

(xxvi) Primary prevention is concerned with:

- a) Preventing disease or illness occurring
- b) Delaying the progress of an existing disease or illness
- c) Delaying the progress of an existing disease or illness
- d) Treatment of existing disease or illness

(xxvii) The main aim of public health is to improve health by:

- a) Providing medical intervention appropriate for the individual
- b) Promoting health and preventing disease in populations

c) Performing research to compare the effectiveness of treatments

d) Providing advice on risk markers and genetics to families

(xxviii) 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) Aboriginal health services and NGOs

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

a) National Leprosy Eradication Program

b) National Leprosy Eradication Program

c) Revised National Tuberculosis Control Program

d) National Diabetes Control Program

(xxx) RBSK in National health mission is:

a) Rashtriya Bal Swasthya Karyakram

b) Rashtriya Boy Swasthya Karyakram

c) Rashtriya Bal Swacha Karyakram

d) Rashtriya Bal Swacha Karyakram

(xxxi) World Tobacco day is on

a) 30th May

b) 12th May

c) 31th May

d) 31th June

(xxxii) Cohort study design flows from

a) Outcome to exposure

b) Exposure to outcome

c) Exposure to no clinical symptom development

d) Only outcome

(xxxiii) Which of the following can cause a stroke?

a) A blood clot in an artery in the brain

b) A blood clot in an artery in the heart

c) A blood clot in an artery in the leg

d) A blood clot in an artery in the lungs

(xxxiv) Concept of Health is

a) Resource of living

b) Resource of medicine

c) Resource of food

d) Resource of house

(xxxv) Public Health was establishment by WHO on

a) 1947

b) 1948

c) 1956

d) 1968

(xxxvi) Focus was on early detection and control of contagious diseases

\_\_\_\_\_.

a) Diabetes Mellitus

b) Malaria

c) Cholera

d) Dengue

(xxxvii) Westergren method is used for

a) WBC count

b) ESR estimation

c) Platelet count

d) RBC count

(xxxviii) Carcinogens are substances causing

a) Cancer

b) Genetic disease

c) Lung disease

d) Liver disease

(xxxix) 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

(xl) Bilirubin is not excreted in urine in:

a) Obstructive Jaundice

b) Hemolytic Jaundice

c) Hepatic Jaundice

d) Birth Jaundice

(xli) Hematology is a study of

a) liver

b) blood

c) kidney

d) lungs

(xlii) Dehydration of tissue sample is achieved after treatment :

- a) Lower to higher concentration of alcohol
- b) Lower to higher concentration of xylene
- c) Lower to higher concentration of methanol
- d) Lower to higher concentration of wax

(xliii) Tissue sample sectioning is carried out using:

- a) Ultrasonicator
- b) Microtome
- c) Cryo-microtome
- d) Microscope

(xliv) Which granules take both acidic and basic stains

- a) Neutrophil
- b) Eosinophil
- c) Basophil
- d) Macrophages

(xlv) During Leukopenia

- a) WBC count decreased
- b) WBC count increased
- c) Normal WBC count
- d) RBC count increased

(xlvi) Protein particles which can infect are called

- a) Virions
- b) Prions
- c) Nucleoidea
- d) Flagella

(xlvii) Rouleaux formation is the property of

- a) WBC
- b) Platelet
- c) RBC
- d) Macrophages

(xlviii) National Population policy (NPP) announces in

- a) 2000
- b) 2001
- c) 2002
- d) 2004

(xlix) In Siddha, Aiyam is

- a) Creative force
- b) Sustaining force

c) Destructive force

d) Linear force

(I) Glycogen is present in all body tissues except

a) Liver

b) Brain

c) Kidney

d) stomach

(li) An example of a saturated fatty acid is

a) Palmitic acid

b) Oleic acid

c) Linoleic acid

d) Erucic acid

(lii) Deficiency of Vitamin A causes

a) Xerophthalmia

b) Hypoprothrombinemia

c) Megaloblastic anemia

d) Pernicious anemia

(liii) The Vitamin B1 deficiency causes

a) Ricket

b) Nyctalopia

c) Beriberi

d) Pellagra

(liv) The hormone measured in urine to test pregnancy is

a) Anterior pituitary luteinizing hormone

b) Androgen

c) Progesterone

d) Chorionic gonadotropin

(lv) AIDS virus is

a) RNA virus

b) DNA virus

c) Retro virus

d) Entero virus

(lvi) Mantoux test is used for

a) Leprosy

b) Diphtheria

c) Tuberculosis

d) Rubella



(lvii) Rod shaped bacteria are known as

- a) Cocci
- b) Comma forms
- c) Bacilli
- d) Pleomorphic forms

(lviii) Example for DNA virus:

- a) Polio Virus
- b) Adeno Virus
- c) Echo Virus
- d) Corona virus

(lix) Normal count of Neutrophil is

- a) 4000-5000/cu mm
- b) 3000-6000/cu mm
- c) 1000-2000/cu mm
- d) 2000-3000/cu mm

(lx) Polysaccharides are

- a) Polymers
- b) Acids
- c) Proteins
- d) Oils