REV-01
BPT/112/37/42

2025/11

SET B

BACHELOR OF PHYSIOTHERAPY
THIRD SEMESTER
PATHOLOGY
BPT – 303
[USE OMR SHEET FOR OBJECTIVE PART]

Duration : 3 hrs. **Full Marks : 70**

(Objective)

Time : 30 min. **Marks : 20**

Choose the correct answer from the following: ***1×20=20***

1. Infarct of the is initially of what type ?
   a. Coagulative type b. Fibrinoid
   c. Fat necrosis d. Liquefactive

2. Gangrene is necrosis of tissue associated superadded _____
   a. Metastasis b. Liquefaction
   c. Polymerisation d. Putrefaction

3. Pericarditis is inflammation of the covering of which of the following organ:
   a. Lungs b. Brain
   c. Heart d. Stomach

4 Cardinal signs of Inflammation are all of the following except :
   a. Rubor b. Pallor
   c. Dolor d. Calor

5. Surgical wounds heal by
   a. First intention (Primary union) b. Second intention (Secondary Union)
   c. Tertiary union d. Non-union

6. Osteomyelitis is a disease of :
   a. Skin b. Heart
   c. Lungs d. Bone and bone marrow

7. Malaria is a disease caused by a :
   a. Parasite b. Virus
   c. Bacteria d. Fungus

8. Presence of Curschman's spiral & Charcot-Leyden crystal in mucus plugs of patients is indicative of which disease :
   a. Bronchopneumonia b. Lobar pneumonia
   c. Bronchial asthma d. Chronic bronchitis

9. Which one of the following not a component of Chronic Obstructive Pulmonary Disease (COPD)
   a. Emphysema b. Lobar pneumonia
   c. Bronchial asthma d. Bronchiectasis

10. Jones diagnostic criteria for Rheumatic fever are all except :
    a. Migratory polyarthritis
    b. Sydenham's chorea
    c. Pancarditis
    d. Polyphagia

11. Anitschkow cells are derived from which cells :
    a. Cardiac myocyte
    b. Endocardia smooth muscle cells
    c. Cardiac histiocyte
    d. Endothelial cells of lymphatics

12. AIDS is caused by which of the following organisms :
    a. Streptococcus
    b. HIV virus
    c. Mumps virus
    d. Staphylococcus

13. Types of Shock are all of te following except :
    a. Hypovolaemic shock
    b. Cardiogenic shock
    c. Septic shock
    d. Emotional shock

14. The main diagnostic tool for Acute Myocardia Infarction is all of the following except
    a. Abnormal ECG
    b. Cardiac enzymes (CK-MB)
    c. Renal colic
    d. Cardiac-specific Troponin I essay

15. Anaemia is a disease due to reduction of :
    a. Platelets
    b. Haemoglobin
    c. WBC
    d. Prothrombin

16. The components of tetralogy of Fallot are all of the following except :
    a. Left ventricular hypertrophy
    b. Pulmonary stenosis
    c. Ventricular septal defect (VSD)
    d. Displacement of aorta to right to override the VSD

17. The most common congenital heart disease is :
    a. ASD
    b. PDA
    c. Tetralogy of Fallot
    d. VSD

18. Atherosclerosis is :
    a. Narrowing of major veins
    b. Narrowing of urethra
    c. Narrowing of major arteries
    d. Intestinal obstruction

19. Myocardial infarction is necrosis of which of the following types :
    a. Fat necrosis
    b. Coagulative
    c. Fibrinoid
    d. Liquefactive

20. Diabetes mellitus is a disorder of metabolism of all of the following except :
    a. Nucleic acid
    b. Carbohydrate
    c. Protein
    d. Fat

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Descriptive

Time: 2 hrs 30 min **Marks: 50**

[Answer question no.1 & any four (4) from the rest]

1. **a.** Define Ischaemic Heart Diseases (IHD). **4+6=10**
   b. How will you diagnose Acute Myocardial Infarction (MI)

2. **a.** Define Hypersensitivity Reactions. **2+4+4 =10**
   b. Name its different types.
   c. Give brief description of any one type

3. **a.** Define Shock **2+2+6 =10**
   b. Name different types of Shock.
   c. Describe Septic Shock

4. **a.** Define Jaundice **2+2+6 =10**
   b. What are different types of Jaundice.
   c. Describe laboratory diagnosis of Jaundice.

5. **a.** Define Pneumonia **2+2+6 =10**
   b. Name different types of Pneumonia.
   c. Describe Lobar Pneumonia

6. **a.** What is Rheumatic fever **4+6=10**
   b. Briefly describe the etiopathogenesis of rheumatic Fever

7. Write an essay on Cellular Adaptation using neat diagrams wherever necessary. **2+4+4 =10**

8. Write short notes on ***any two*** of the following : **5+5=10**
   a. Aschoff's nodule
   b. Chemical mediators of Inflammation.
   c. Curschmann's spiral
   d. Jones' Critera of Rheumatic Heart Disease

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