

W-2022

Seat Number

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BP-204T

Pathophysiology

(712204)

PANKH-30

Total Pages : 5]

Time : 3 Hours

Max Marks : 75

- Note :** (1) Do not write anything on question paper except seat no.
(2) Graph or diagram should be drawn with the black ink pen for writing paper or black HB pencil.
(3) Student should note, no supplement will be provided.
(4) All questions carry equal marks.

1. Multiple Choice Questions :

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- (i) Arachidonic acid metabolites are also known as :
- (a) Eicosanoids (b) PAF
(c) Non-Eicosanoids (d) Serotonin
- (ii) Acute immediate response in asthma is initiated by :
- (a) IgE (b) IgG
(c) IgM (d) IgA
- (iii) Apoptosis can be defined as :
- (a) Programmed cell maturation
(b) Programmed cell growth
(c) Programmed cell death
(d) Programmed cell viability

P.T.O.

(iv) Steatosis means :

- (a) Fatty changes
- (b) Accumulation of triglycerides
- (c) Accumulation of glycogen
- (d) Accumulation of pigment

(v) Serotonin is also known as :

- (a) Dopamine
- (b) 5-HT
- (c) 5-HTE
- (d) ROS

(vi) Arteriosclerosis and Atherosclerosis are classified as diseases of :

- (a) Arteries
- (b) Veins
- (c) Capillaries
- (d) None of these

(vii) The diagnostic cast of acute glomerulonephritis :

- (a) Hyaline casts
- (b) Granular casts
- (c) Red cell casts
- (d) WBC casts

(viii) Depression is :

- (a) Affective disorder
- (b) Organic disorder
- (c) Mood disorder
- (d) Dissociative disorder

(ix) Cynocobalamin is the reason of :

- (a) Pernicious anaemia
- (b) Microcytic anaemia
- (c) Megaloblastic anaemia
- (d) Macrocytic anaemia

- (x) Cancer of Beta lymphocyte is called as :
- | | |
|-------------|---------------|
| (a) Sarcoma | (b) Melanoma |
| (c) Myeloma | (d) Carcinoma |
- (xi) Locomotion across chemical gradient is :
- | | |
|----------------|-----------------|
| (a) Diapedesis | (b) Chemotaxis |
| (c) Pavement | (d) Margination |
- (xii) Meaning of infarction is :
- | | |
|------------------|------------------|
| (a) Aorta death | (b) Artery death |
| (c) Tissue death | (d) Muscle death |
- (xiii) Asthma can get worse due to :
- | | |
|--------------|-------------|
| (a) Bacteria | (b) Viruses |
| (c) Insects | (d) Dust |
- (xiv) The risk factors for type I diabetes includes :
- | | |
|----------------------|---------------------------------|
| (a) Being overweight | (b) Inactivity |
| (c) Family history | (d) All the options are correct |
- (xv) Which of the following is a pro-inflammatory cytokine ?
- | | |
|-----------|-------------------|
| (a) CRP | (b) IL-4 |
| (c) IL-10 | (d) TNF- α |
- (xvi) The term cancer means :
- | | |
|-------------------|--------------------|
| (a) Cell division | (b) Out of control |
| (c) Crab | (d) Lobster |

(xvii) Myelin is an insulating layer that forms around :

- | | |
|---------------|-------------------|
| (a) Nerves | (b) Bones |
| (c) Cartilage | (d) Blood vessels |

(xviii) Enteric fever is caused by :

- | | |
|---------------------------|---------------------------|
| (a) <i>S. typhi</i> | (b) <i>S. paratyphi A</i> |
| (c) <i>S. paratyphi B</i> | (d) All of these |

(xix) What kind of virus HIV is ?

- | | |
|----------------|-----------------|
| (a) Rotavirus | (b) Reterovirus |
| (c) Rhinovirus | (d) Coronavirus |

(xx) Which of the following pigments is involved in free radical injury ?

- | | |
|---------------|----------------|
| (a) Melanin | (b) Lipofuscin |
| (c) Bilirubin | (d) Hematin |

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2. Solve any two :

- (i) Explain in detail about pathogenesis and morphology of cell injury.
- (ii) Explain in detail about chronic obstructive airways disease.
- (iii) Explain in brief about classification, etiology and pathogenesis of Cancer.

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3. Solve any seven :

- (i) Comment on peptic ulcer.
- (ii) Write a note on Schizophrenia and Alzheimers disease.
- (iii) Explain in short about Megaloblastic anaemia.

- (iv) Discuss about chronic renal failure.
- (v) Explain about mechanism of inflammation.
- (vi) Discuss pathophysiology of Diabetes.
- (vii) What is hepatitis ? Explain about hepatitis B.
- (viii) Write a note on AIDS.
- (ix) Discuss in detail about Typhoid.