

2515

Seat Number

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CJ-31

BP-204T

Pathophysiology

(712204)

Total Pages : 7]

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 HB pencil.

(3) All questions are compulsory.

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1. Multiple Choice Questions :

(1) Having high blood glucose level is called :

- (a) Hyperglycemia
- (b) Hypoglycemia
- (c) Diabetic ketoacidosis
- (d) Macrosomi


(2) Type-1 diabetes mellitus was previously called as :

- (a) Diabetis insipidus
- (b) NIDDM
- (c) Juvenile onset DM
- (d) Adult onset DM

P.T.O.

- (3) Which of the following condition is most commonly results in coronary artery disease ?
- (a) Atherosclerosis
  - (b) DM
  - (c) MI
  - (d) Renal failure
- (4) Which of the following is pro-inflammatory cytokine ?
- (a) CRP
  - (b) IL-10
  - (c) IL-4
  - (d) TNF
- (5) Acute immediate response in asthma is initiated by :
- (a) IgE
  - (b) IgG
  - (c) IgM
  - (d) IgA
- (6) Arachidonic acid metabolites are also known as :
- (a) Eicosanoids
  - (b) PAF
  - (c) Non-Eicosanoids
  - (d) Serotonin

- (7) Apoptosis can be defined as :
- (a) Programmed cell maturation
  - (b) Programmed cell growth
  - (c) Programmed cell death
  - (d) IgA programmed cell viability
- (8) Serotonin is also known as :
- (a) Dopamine
  - (b) 5-HT
  - (c) 5-HETE
  - (d) ROS
- (9) Steatosis means :
- (a) Fatty changes
  - (b) Accumulation of triglycerides
  - (c) Accumulation of glycogen
  - (d) Accumulation of pigment
- (10) Depression is an :
- (a) Affective disorder
  - (b) Organic disorder
  - (c) Mood disorder
  - (d) Dissociative disorder

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- (11) Arteriosclerosis is a disease of :
- (a) Arteries
  - (b) Veins
  - (c) Capillaries
  - (d) None of the above
- (12) Primary cause of heart failure is :
- (a) Hypertension
  - (b) Coronary atherosclerosis
  - (c) Myocardial dysfunction
  - (d) Valve dysfunction
- (13) The acute glomerulonephritis can be diagnosed by :
- (a) Hyaline casts
  - (b) Granular casts
  - (c) Red cell casts
  - (d) WBC casts
- (14) In iron excess state which should be avoided.
- (a) Vit-C
  - (b) Vit-E
  - (c) Folic acid
  - (d) Flavonoids

(15) The term cancer means :

- (a) Cell division
- (b) Out of control
- (c) Crab
- (d) Lobster

(16) What kind of virus HIV is ?

- (a) Rotavirus
- (b) Retrovirus
- (c) Rhinovirus
- (d) All of the above

(17) Locomotion across chemical gradient is called as :

- (a) Diapedesis
- (b) Chemotaxis
- (c) Pavement
- (d) Margination

(18) Myelin sheath is insulating layer of :

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

(19) Enteric fever is caused by :

- (a) *S. typhi*
- (b) *S. paratyphi-A*
- (c) *S. paratyphi-B*
- (d) All of the above

(20) Meaning of infarction is :

- (a) Tissue death
- (b) Aorta death
- (c) Artery death
- (d) Muscle death

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2. Answer any *two* of the following :

- (a) Explain etiology, epidemiology, pathogenesis, diagnosis and treatment of hypertension.
- (b) What is DM ? Give its classification and explain in detail type II diabetes mellitus with treatment.
- (c) Explain in detail pathophysiology and treatment of Parkinson disease.

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3. Answer the following (any *seven*) :

- (a) Write a short note on angina pectoris.
- (b) Explain acute renal failure.

- (c) Explain COPD.
- (d) Define inflammation. Give its types and clinical signs.
- (e) What is Hirsutism and Gynecomastia ?
- (f) Write a short note on Gout.
- (g) Explain myocardial infarction.
- (h) Explain in short on peptic ulcer.
- (i) Write in brief on coronary atherosclerosis.