

# Question Paper

Exam Date & Time: 13-May-2023 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

Pathophysiology (Theory) [PPR-BP204T-S2]

Marks: 75

Duration: 180 mins.

### I Multiple Choice Questions (MCQs)

Answer all the questions.

Section Duration: 30 mins

- 1) Disintegration of cell by its own hydrolytic enzymes from lysosomes when removed from the body called as ----- (1)

[Apoptosis](#)  
[Necrosis](#)  
[Autolysis](#)  
[Purification](#)

- 2) Are extreme elevations in Blood pressure that are accompanied by acute or progressing target-organ damage----- (1)

[Hypertensive urgency](#)  
[Essential Hypertension](#)  
[Secondary Hypertension](#)  
[Hypertensive emergencies](#)

- 3) Pathologic disturbances could lead to chronically elevated Blood Pressure----- (1)

[Chemoreceptors](#)  
[Baroreceptors](#)  
[Receptors](#)  
[All of the above](#)

- 4) Myocardial necrosis causing release of intracellular enzymes----- (1)

[Creatinine picrate](#)  
[Creatinine amylase](#)  
[ATPase](#)  
[Troponin I](#)

- 5) ----- airflow limitation that is not fully reversible associated with an abnormal inflammatory response of the lungs (1)

[Asthma](#)  
[Chronic obstructive Pulmonary Disease](#)  
[Tuberculosis](#)  
[Cystic Fibrosis](#)

- 6) Pathogenesis of Atherosclerosis----- (1)

[Endothelial injury](#)  
[Accumulation of amino acids](#)

[Monocyte deletion](#)

[Platelet division](#)

- 7) . ----- abnormal, permanent enlargement of the air spaces distal to the terminal bronchioles, accompanied by destruction of their walls, but without obvious fibrosis (1)

[Chronic bronchitis](#)

[Asthma](#)

[Pulmonary fibrosis](#)

[Emphysema](#)

- 8) Bradykinesia, Postural instability, Resting tremor, Rigidity is a sign and symptoms of ----- (1)

[Schizophrenia](#)

[Bipolar disorder](#)

[Parkinson's Disease](#)

[Restless legs syndrome](#)

- 9) The serum prolactin levels may be transiently elevated in which type of seizures----- (1)

[Absence](#)

[Myoclonic](#)

[Tonic-clonic, complex partial](#)

[Clonic](#)

- 10) When MCV >100 the type anaemia classified as ----- (1)

[Microcytic Anaemia](#)

[Macrocytic Anaemia](#)

[Anaemia due to chronic disease](#)

[Hypochromic anaemia](#)

- 11) Which of the following belongs acute complications of diabetes? (1)

[Neuropathy](#)

[Nephropathy](#)

[Retinopathy](#)

[Diabetic Ketoacidosis](#)

- 12) The deficiency of thyroid stimulating hormone leads ----- (1)

[Hypothyroidism](#)

[Hyperthyroidism](#)

[Rheumatoid Arthritis](#)

[GOUT](#)

- 13) Recognition and attachment of phagocytic process called as ----- (1)

[Rolling](#)

[Degranulation](#)

[Engulfment](#)

[Opsonization](#)

- 14) The causative organism of Peptic Ulcer Disease is due to----- (1)

[Aedes aegypti](#)

[Helicobacter Pylori](#)

[Ae. albopictus](#)

- 15) [Salmonella](#) -----is an example of newly synthesized local chemical mediator of the inflammation (1)
- [Prostaglandins](#)  
[Histamine](#)  
[Serotonin](#)  
[Lysosomal Enzymes](#)
- 16) . Neurological Manifestation of leprosy associated with----- (1)
- [Sensory Loss](#)  
[Paralysis](#)  
[Deformities](#)  
[All of the above](#)
- 17) Typhoid is caused by----- (1)
- [Salmonella typhi and paratyphi](#)  
[Mycobacterium leprae](#)  
[Mycobacterium Tuberculosis](#)  
[E coli](#)
- 18) Test to confirm Tuberculin reactions includes ----- (1)
- [HbA1C test](#)  
[C - Reactive protein test](#)  
[Monteux tests](#)  
[HbSAg](#)
- 19) Monoarticular arthritis is symptoms of----- (1)
- [Diabetes](#)  
[Gonorrhoea](#)  
[Hypertension](#)  
[Asthma](#)
- 20) Treponema palladium is a causative organism of----- (1)
- [Syphilis](#)  
[Tuberculosis](#)  
[AIDS](#)  
[Gonorrhoea](#)

## II Long Answers

Answer all the questions.

- 1) Explain vascular changes in the inflammation (10)
- 2) Define Cancer. Classify Cancer and explain characteristic of cancer cell (10)

## III Short Answers

Answer all the questions.

- 1) Explain mechanism of apoptosis (5)
- 2) Explain the pathophysiology of Asthma (5)
- 3) Explain the pathophysiology of Hypertension. (5)
- 4) Write a note on Hyperthyroidism (5)

- 5) Explain the pathophysiology of Epilepsy. (5)
- 6) Explain the pathophysiology of HIV disease. (5)
- 7) Write a note on Urinary tract infections. (5)

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