

# Question Paper

Makeup

Exam Date & Time: 17-Jun-2019 (09:30 AM - 12:30 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

B.Pharm Semester II- End-Semester Examination

June 2019

PPR-BP204T: Pathophysiology

Date : 17 / 06 / 2019

Pathophysiology [PPR-BP204T]

Marks: 75

Duration: 180 mins.

### I Multiple Choice Questions (MCQs)

Answer all the questions.

Section Duration: 30 mins

1) Autolysis is also called as-----

(1)

Self-digestion

Apoptosis

Cell division

Necrosis

2) ----- gene block the apoptosis process

(1)

P53 gene

BCL 2 gene

fas CD(95)

Endonuclease

3) -----are the examples for cell derived mediators.

(1)

Histamine

5-HT

Prostaglandins

All of the above

4) HIV effecting the following cells in human

(1)

CD4 cells

Platelets

Red Blood Cells

Antibodies

5) Unstable angina also called as-----

(1)

Typical angina

Variant angina

crescendo angina

Prinzmetal angina

6) -----is an extra articular features of Rheumatoid Arthritis.

(1)

- Anaemia
- Vasculitis
- Rheumatoid nodules
- All the above

7) -----stimulate the process of Erythropoiesis (1)

- Erythropoietin
- Angiotensin
- Pepsin
- Serotonin

8) -----is an example for acute complications in Diabetes mellitus (1)

- Retinopathy
- Nephropathy
- neuropathy
- Diabetes Ketoacidosis

9) Extreme elevations in Blood Pressure that are accompanied by without progressing target-organ damage called as (1)

- Hypertensive emergency
- Hypertensive urgency
- Hypertension
- White coat hypertension

10) Cancer cells invade the tissues of other pelvic organs nearby called as (1)

- Angiogenesis
- Necrosis
- Apoptosis
- Invasiveness

11) The following occupational exposure is not a trigger for Asthma (1)

- Bakers
- Printers
- vegetable vendors
- Farmers

12) Respiratory infection is common in chronic bronchitis patients because (1)

- reduced immunity
- loss of respiratory epithelial integrity
- less muco-ciliary clearance
- immune cell activation

13) Iodide is transported into the thyroid gland via (1)

- sodium-iodide symporter
- sodium-iodide channel
- sodium-iodide vessels
- sodium-iodide pathway

T3 is formed by combining (1)

- Two molecules of DIT
- One molecule each of MIT and DIT
- Two molecules of DIT
- Three molecules of MIT

15) Seizure which is common in childhood is (1)

- Generalized Tonic clonic seizures
- Simple partial seizures
- Complex partial seizures
- Absence seizures

16) The symptom which is NOT seen in Parkinsons is (1)

- Micrographia
- Tremor
- Loss of speech
- Non-modulated speech

17) Causes of primary hypothyroidism is (1)

- Ingestion of goitrogens by mother
- Genetic defect
- environmental pollution
- Less exposure to UV light

18) Chronic bronchitis patient is (1)

- Pink puffer
- Blue blotter
- Dyspnoeic even at rest
- having flushed appearance

19) Local spread of Tuberculosis is carried by (1)

- Macrophages
- Monocytes
- Eosinophills
- Basophylls

20) Condition which reactivates the Tuberculosis is (1)

Hypertension

Diabetes Mellitus

Asthma

Rheumatoid  
arthritis

### II Long Answers

Answer all the questions.

- 1) Explain Vascular events of inflammation. (10)
- 2) Explain pathophysiology of Tuberculosis, clinical presentation and its diagnosis (10)

### III Short Answers

Answer all the questions.

- 1) Explain cell cycle with neat diagram. (5)
- 2) Explain pathophysiology of angina. (5)
- 3) Explain nuclear changes in necrosis with the help of neat diagram. (5)
- 4) Define Diabetes. Explain different complications of diabetes mellitus. (5)
- 5) Describe the clinical presentation of chronic renal failure and its pathophysiology (5)
- 6) Explain pathophysiology of asthma and its diagnosis (5)
- 7) Describe pathophysiology of hyperparathyroidism (5)

-----End-----