

Question Paper

Exam Date & Time: 03-May-2018 (09:30 AM - 12:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES

END SEMESTER THEORY EXAMINATIONS- MAY 2018

PROGRAM: BPHARM SEMESTER 2

DATE: 03/05/2018

TIME: 9:30 AM - 12:30 PM

Pathophysiology [PPR-BP204T]

Marks: 75

Duration: 180 mins.

I Multiple Choice Questions (MCQs)

Answer all the questions.

Section Duration: 30 mins

- 1) Reperfusion injury caused due to----- (1)
[Free Radicals](#) [Bacteria](#) [Thyroxin](#) [None of the above](#)
- 2) Autolysis is also called as----- (1)
[Self-digestion](#) [Apoptosis](#) [cell division](#) [None of the above](#)
- 3) Pain in the inflammation caused due to ----- (1)
[Prostaglandins](#) [Red blood cells](#) [Platelets](#) [All the above](#)
- 4) -----are the examples for cell derived mediators. (1)
[Histamine](#) [5-HT](#) [Prostaglandins](#) [All of the above](#)
- 5) -----is a risk factor for Myocardial Infraction (1)
[Lifestyle](#) [Age](#) [Smoking](#) [All of the above](#)
- 6) Unstable angina also called as----- (1)
[Typical angina](#) [Variant angina](#) [Crescendo angina](#) [All of the above](#)
- 7) -----Following are risk factors for stroke. (1)
[Age](#) [Life-style](#) [Smoking](#) [All of the above](#)
- 8) Which of the following disease transmitted through water----- (1)
[AIDS](#) [Typhoid](#) [Malaria](#) [All of the above](#)
- 9) -----is clinical features of Rheumatoid arthritis. (1)
[Joint pain](#) [Morning Stiffness](#) [Low grade fever](#) [All of the above](#)
- 10) -----stimulate the process of Erythropoiesis (1)
[Erythropoietin](#) [Angiotensin](#) [Pepsin](#) [None of the above](#)
- 11) ----- example for opportunistic infections in HIV patients (1)
[Herpes simplex](#) [Candidiasis](#) [Histoplasmosis](#) [All of the above](#)
- 12) -----is an example for acute complications in Diabetes mellitus (1)
[Retinopathy](#) [Nephropathy](#) [Neuropathy](#) [Diabetes Ketoacidosis](#)
- 13) -----is the example for a type of hyperthyroidism (1)
[Grave's Disease](#) [Hashimoto's thyroiditis](#) [Myxedema coma](#) [None of the above](#)
- 14) Ischemic heart disease (IHD) includes----- (1)
[Angina](#) [Myocardial](#) [Chronic IHD with heart](#) [Pectoris](#) [Infraction](#) [failure](#) [All of the above](#)
- 15) In stage 5 of chronic renal failure which of the following is true (1)
[GFR > 90 mL/min/1.73 m²](#) [GFR 60-89 mL/min/1.73 m²](#) [GFR 15-29 mL/min/1.73 m²](#) [GFR < 15 mL/min/1.73 m²](#)
- 16) Malarial parasite can be diagnosed by (1)
[Mantoux test](#) [Giemsa stained test](#) [Both A and B](#) [None of the above](#)
- 17) Which of the following is causative organism for tuberculosis (1)
[Mycobacterium tuberculosis](#) [Mycobacterium leprae](#) [Mycobacterium avium complex](#) [Both A and C](#)
- 18) Which of the following is aetiology for asthma (1)
[Pollens](#) [Dust](#) [Smoke](#) [All of the above](#)
- 19) Which of the following is true for chronic bronchitis (1)
[Cyanosis](#) [Hypoxemia](#) [Barrel chest](#) [All of the above](#)
- 20) Uncontrolled proliferation of cells called as----- (1)
[Cancer](#) [Mutation](#) [Atrophy](#) [All of the above](#)

II Long Answers

Answer all the questions.

- 1) Explain lifecycle of malaria with neat diagram. (10)
- 2) Explain different factors effecting atherosclerosis. (10)

III Short Answers

Answer all the questions.

- 1) Classify Necrosis. Explain any two. (5)
- 2) Explain pathophysiology of COPD. (5)
- 3) Write a note on macrocytic anaemia. (5)
- 4) Enlist different complications of diabetes. (5)
- 5) Differentiate between benign and malignant tumour. (5)
- 6) Define Inflammation. Explain phagocytosis with a neat diagram. (5)
- 7) Explain pathophysiology of Parkinson's disease. (5)

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