

PARUL UNIVERSITY
FACULTY OF PHARMACY
B. Pharm. Summer 2017 - 18 Examination

Semester: 2
Subject Code: BP204T
Subject Name: Pathophysiology - Theory

Date: 30/05/2018
Time: 10:00am to 1:00pm
Total Marks: 75

Instructions:

1. Figures to the right indicate maximum marks.
2. Make suitable assumptions wherever necessary.

Q.1 Multiple Choice Questions (MCQs) (1 Mark Each)**(20)**

1. Which of the complement components act as chemokine's?

a) C3b	b) C4b
c) C4a	d) C5a
2. Main cytokines acting as mediators of inflammation are as under except:

a) Interleukin-1	b) Tumor necrosis factor- α
c) Nitric oxide	d) Interferon- γ
3. The following adhesion molecules play a significant role in rolling of PMNs over endothelial cells.

a) Selectins	b) All of them
c) Integrins	d) Opsonins
4. Annexin V is used as a marker for

a) Apoptosis	b) Necrosis
c) Fatty change	d) Gangrene
5. Most reactive free radical is

a) Hydroxyl (OH^\cdot)	b) Hydrogen Peroxide ($\text{H}_2\text{O}_2^\cdot$)
c) Superoxide (O_2^\cdot)	d) Nitric Oxide (NO)
6. CD4 T Cell count in crisis phase of HIV according to revised HIV/AIDS classification is

a) < 100 /microlitre	b) < 200 /microlitre
c) < 250/microlitre	d) < 500 /microlitre
7. Which Tumor suppressor genes implicated in human cancers include the following except:

a) RB gene	b) APC
c) ERB-B	d) P 53
8. Precipitated gamma chains are known as:

a) Russell bodies	b) Hb barts
c) Pappenheimer bodies	d) Heinz bodies
9. Atherosclerosis is predominantly a disease of:

a) Media	b) Adventia
c) Entire vessel wall	d) Intima
10. Acronym STEMI stands for

a) Standard Treatment and Evaluation in MI	b) Serial Testing of Enzyme levels in MI
c) ST segment Elevation in acute MI	d) Steps Taken in Emergency in case of MI
11. Source of Pulmonary surfactant is:

a) Type III Pneumocytes	b) Type II Pneumocytes
c) Type IV Pneumocytes	d) Type I Pneumocytes
12. Which type of asthma occurs in late adult life:

a) Intrinsic	b) Mixed
c) Atopic	d) Allergic
13. Disease predisposing locus implicated in Crohn's disease.

a) CARD 15	b) CARD 14
c) CARD 25	d) CARD 24
14. Which genetic component of HBV is considered responsible for carcinogenic influences:

a) HBsAg	b) HBxAg
c) HBcAg	d) HBeAg

