

**Avinashillingam Institute for Home Science and Higher Education for
Women, Coimbatore-641043
Bachelor's Degree Examination – November 2017**

III Semester

**Class : II UG
Major : Physician Assistant**

**Time : 3 Hrs
Max.Marks : 100**

15BPAC11 General Pathology - I

Part – A

10x1=10

Choose the correct answer

1. Coagulative Necrosis is seen in -----
a. Tuberculosis
b. Sarcoidosis
c. Cryptococcal Infection
d. Leprosy
2. Programmed Cell Death is called -----
a. Apoptosis
b. Cytolysis
c. Necrocysis
d. Phagocytosis
3. Diapedesis means -----
a. Immigration of leucocytes through basement membrane
b. Immigration of leucocytes through vessel wall
c. Aggregation of platelets at side of bleeding
d. Autodigestion of cell
4. Lifespan of Neutrophil
a. 15 days
b. 6 hours
c. 6 days
d. 10 days
5. Most effective bacterial system within phagocytes.
a. Lysozyme mediated
b. Lactoferrin mediated
c. Reactive O₂ metabolite mediated
d. Cationic basic protein mediated
6. Touton Giant Cell seen in -----
a. Xanthoma
b. Neurofibroma
c. Cat Scratch disease
d. Sarcoidosis
7. Physiological Hypertrophy & Hyperplasia seen simulataneously in -----
a. Uterus in pregnancy
b. Skeletal muscle in athelete
c. Breast at puberty
d. Thyroid during pregnancy
8. Dystrophic calcification seen in -----
a. Milk Alkali Syndrome
b. Atheromatous plaque
c. Hyperparathyroidism
d. Vit A intoxication
9. HMB 45 seen in -----
a. Neuroblastoma
b. Neurofibroma
c. Malignant melanoma
d. Angiosarcoma
10. Aschoff Nodules seen in -----
a. Sabe
b. Rheumatic carditis
c. Libmann sacks endocarditis
d. Non bacterial thrombotic endocarditis

Part – B

5x6=30

Answer the following

Answer should not exceed 400 words or two pages

11. a. Differentiate between healing of wound by primary intention & secondary intention.
(or)
11. b. Factors which retard wound healing.
12. a. Pathways involved in arachnoidic acid metabolism.
(or)
12. b. Explain cyclooxygenase (cox) pathway.
13. a. Difference b/w hypertrophy & hyperplasia.
(or)
13. b. Types of Hyperplasia with examples.
14. a. What is Amyloidosis? with classification.
(or)
14. b. Explain Systemic Amyloidosis with Amyloid proteins involved.
15. a. What are endogenous pigments.
(or)
15. b. Explain pigment lipofuscin.

Part – C

5x12=60

Answer the following

Answer should not exceed 800 words or 4 pages

16. a. What is ESR. Methods of ESR Estimation.
(or)
16. b. Explain infarction, types, difference between hyperemia & congestion infarction.
17. a. Explain Septic Shock in detail with Pathogenesis.
(or)
17. b. Causes of Septic Shock & treatment given to patients in shock.
18. a. Explain Typhoid fever in detail with signs & symptoms
(or)
18. b. AIDS Etiology Modes of transmission, Diagnostic procedures & handling infected material.
19. a. Hashimoto's disease in detail.
(or)
19. b. Thromboembolic disorders, with Consequences of thrombosis.
20. a. Malaria in detail, causative organism, pathogenesis, clinical manifestations.
(or)
20. b. Explain Radiation injury in detail with changes involved after exposure of lethal dose.