

**Avinashilingam 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 Hours
Max.Marks : 100**

15BPAI03 Allied Clinical Biochemistry - II

Part – A

10x1=10

Choose the correct answer

1. Tuberculosis organism is spread through -----
a. Air
b. Soil
c. Water
d. Saliva
2. Allergy to penicillin belongs to -----
a. Type I hypersensitivity
b. Type II hypersensitivity
c. Type III hypersensitivity
d. Type IV hypersensitivity
3. LDH is a -----
a. monomer
b. dimer
c. trimer
d. tetramer
4. Which one of the following is given to treat thrombosis.
a. Vit.K antagonist
b. Vit.C antagonist
c. Vit.B antagonist
d. Vit.A antagonist
5. ----- secretes HCL.
a. Alpha cells
b. Beta cells
c. Parietal cells
d. Hepatic cells
6. Ulcer is caused by -----
a. Staphylococcus
b. Pneumococci
c. Helicobacter
d. E.Coli
7. Jaundice in Sickle cell anaemia can be classified under -----
a. Congenital Hyperbilirubinaemia
b. Haemolytic
c. Hepatocellular
d. Obstructive
8. ----- is the normal level of total bilirubin.
a. 0.3 to 1.9 mg/dl
b. 0.5 - 2.0 mg/dl
c. 1.0 – 3.0 mg/dl
d. 1.0 – 1.5 mg/dl
9. Pyelonephritis is the inflammation that results from -----
a. lungs infection
b. urinary tract infection
c. respiratory infection
d. uterus infection
10. ----- is the normal GFR.
a. 120ml/min
b. 80ml/min
c. 150ml/min
d. 90ml/min

Part – B

5x6=30

Answer the following

Answer should not exceed 400 words or two pages

11. a. Write a note on types of allergy.
(or)
11. b. Describe the nitrogen washout method.
12. a. What is thrombosis? Explain.
(or)
12. b. What are marker enzymes? Illustrate with an example.

13. a. Explain the causes, symptoms and treatment of gastritis.
(or)
13. b. Write a brief note on pancreatic function tests.
14. a. What is jaundice? Discuss the types of jaundice.
(or)
14. b. List out the diseases due to abnormalities of bile pigments.
15. a. What is GFR? Explain.
(or)
15. b. Write a note on urea clearance test.

Part – C

5x12=60

Answer the following

Answer should not exceed 800 words or 4 pages

16. a. Give an account on causes, symptoms, diagnosis and treatment of asthma.
(or)
16. b. Elaborate on respiratory function test.
17. a. Illustrate the causes, symptoms, diagnosis and treatment of myocardial infarction.
(or)
17. b. Explain the cardiac marker enzymes with its clinical significance.
18. a. Describe the functions of stomach and intestine.
(or)
18. b. Discuss the causes, symptoms, complications and diagnosis of peptic ulcer.
19. a. Exemplify the causes, symptoms, diagnosis and treatment of jaundice.
(or)
19. b. Write a detail note on metabolism of bile pigment.
20. a. What are the types of renal failure? Describe.
(or)
20. b. How do you analyse the renal stone? Explain.
