

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

I Semester

**Class : I UG
Major : Physician Assistant**

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

15BPAC02 Physiology - I

Part - A

10x1=10

Choose the correct answer

1. The pancreatic isletis contain -----
a. glucagon
c. somatostatin
b. insulin
d. all
2. Breaking down of protein and fat -----
a. gluconeogeuesis
c. neither
b. glucolysis
d. both
3. Acromegaly means -----
a. large extremities
c. shoe extermiles
b. small entrinules
d. all
4. Harmone synthesized by mast cells in the tissue.
a. serotoniue
c. peotoglaudin
b. histamine
d. all
5. Oxy haemoglobin is -----
a. oxygen & hemoglobin
c. oxygen & blood
b. oxygen & plasma
d. all
6. Pneunioconiosis is -----
a. coal dust in lungs
c. fibeis
b. silicon
d. cotton
7. Saliva contains the enxyme ----- to break down of complex sugar.
a. amylase
c. surcose
b. lipase
d. lactase
8. Lungal infections of the opithelium of the month is caused by -----
a. candida albicans
c. candida ulbricaus
b. candia aspergillus
d. all
9. The functional unit of kidney is -----
a. neurons
c. arons
b. nephrons
d. all
10. The pigment that is gives colour to skin -----
a. melanin
c. oxytocin
b. tyrosine
d. cytosine

Part – B
Answer the following
Answer should not exceed 400 words or two pages

5x6=30

11. a. Functions of Reticular Formation.
(or)
11. b. Smooth muscles.
12. a. Functions of Adrenative & Nor adrenaline.
(or)
12. b. Physiological variables affecting wreathing.
13. a. Nerve supply to the tongue.
(or)
13. b. Functions of the stomach.
14. a. Functions of gall bladder.
(or)
14. b. Effect's of Glomercuar Nephritis.
15. a. Blood grouping & cross matching.
(or)
15. b. Enlist the complications of buens.

Part – C
Answer the following
Answer should not exceed 800 words or 4 pages

5x12=60

16. a. Explain about Hypersensitivity.
(or)
16. b. Detail about microscopic structure of bone.
17. a. Factors delaying healing of featues.
(or)
17. b. Detail on possible movements of synovial joint.
18. a. Functions of platelets.
(or)
18. b. Mechanism of clotting of blood.
19. a. Physiological blind spot.
(or)
19. b. Pathway of smell.
20. a. Harmones that are secreted by the placenta during pregnancy.
(or)
20. b. Testing the molor functions.