



GJ-034021

Seat No. _____

B. Sc. (Biochemistry) (Sem. IV) Examination

March/April - 2019

BSCC407B : Human Physiology

Time : 3 Hours]

[Total Marks : 70

- 1 Give brief information about
- (a) Circulatory system. 7
- OR**
- (a) Respiratory system. 7
- (b) Digestive system. 7
- OR**
- (b) Excretory system. 7
- 2 Explain in detail :
- (a) O₂ Transport 7
- OR**
- (a) CO₂ Transport. 7
- (b) Cardiac cycle. 7
- OR**
- (b) Blood coagulation. 7
- 3 Explain in detail :
- (a) Digestion and absorption of carbohydrates. 7
- OR**
- (a) Digestion and absorption of protein. 7

(b) Urine formation. 7

OR

(b) Digestion of lipid. 7

4 Write short note on :

(a) Skeletal muscle contraction. 7

OR

(a) Nerve impulse transmission. 7

(b) Neuron. 7

OR

(b) Neuroglia. 7

5 Answer is short : (one mark each) 14×1=14

(1) Write function of Iron in our body.

(2) List major element.

(3) Write function of Na and K.

(4) Define Physiology.

(5) What do you mean by Acidosis ?

(6) Define Alkalosis.

(7) What is Homeostasis ?

(8) What is microcirculation ?

(9) Write composition and function of Saliva.

(10) Write function of gastric secretion.

(11) Write role of pancreatic reaction.

(12) What is renal clearance ?

(13) What is blood brain barriers ? Write its role.

(14) Write composition of skeletal muscle.
