



End Term Examination (December 2019)

School: School of Engineering

Program: B.Tech Biomedical Engineering
and Biotechnology

Course: Human Anatomy and Physiology

Course Code: BME201

Semester: III

Max Marks: 40

Duration (mins): 90

Answer the following questions:

(Each question carries 1 mark)

[10]

Q.1 a) what is peristalsis?

b) What is the term used for mature bone cells?

c) What is haematocrit?

d) What is appendicular skeleton?

e) Name two bones of upper limb.

f) What is a synapse?

g) Name any two paired cartilages present in larynx.

h) What is vasoconstriction and vasodilation?

i) What is the pH of human blood?

j) What is ECG?

Answer any TWO questions

[30]

(Each question carries 15 marks)

Q.2 What is phosphorylation? Explain the process of converting glucose to pyruvic acid and then into acetyl coenzyme.

Q.3 Explain the gross anatomy of human long bone with a neat and labeled diagram.

Q.4 Explain the various structure and function of joints. Mention various types of synovial joints .

Q.5 Explain in detail the neuromuscular transmission at various muscle junctions.
