



BBK-M-201910

Seat No. _____

First Year D. Pharm. (CBCS) Examination

July - 2021

1.1 Human Anatomy & Physiology

Time : 3 Hours]

[Total Marks : 70

- Instructions :** (1) Figure to the right indicates full marks.
(2) Draw neat and clean diagram when required.

- 1** Answer the following questions : **20**
- (a) Explain function of Mitochondria.
 - (b) What are types of neurones ? Explain them in brief.
 - (c) Discuss various types of WBCs in brief.
 - (d) What are the functions of Platelets ?
 - (e) What does QRS complex indicate in ECG ?
 - (f) Enlist various types of muscular tissues.
 - (g) Protein digestion begins at which pH of GI Track ?
 - (h) What is fovea centralise ?
 - (i) Enlist various glial cells found in brain.
 - (j) What is CPR ?
- 2** Answer the following questions : (any **two**) **20**
- (a) Discuss various digestive processes observed in Human digestive track.
 - (b) Explain physiology of hearing with suitable diagram.
 - (c) Make a detailed note on master gland.
- 3** Answer the following questions : (any **six**) **30**
- (a) Discuss physiology of urine formation.
 - (b) Explain physiological role of testosterone.
 - (c) Draw labelled diagram of human respiratory system.
 - (d) Make a detailed note on Hypothalamus.
 - (e) Differentiate sympathetic nervous system from parasympathetic nervous system.
 - (f) Draw labelled diagram of Eye Anatomy.
 - (g) Explain various transport mechanism across cell membrane.
 - (h) Discuss various factors affecting blood pressure.