

2022

BMLT

(B.Sc. Second Semester End Examination-2022)

PAPER-VII

[Human Physiology]

Full Marks: 40

Time: 02 Hrs

*The figures in the right hand margin indicate marks
Candidates are required to give their answers in their own words as
far as practicable
Illustrate the answers wherever necessary*

- 1) Answer any five questions from the following: 5x2= 10**
- a. What is juxta glomerular apparatus?
 - b. Mention the role of tropomyosin in muscle contraction.
 - c. What is reflex action?
 - d. Calculate the stroke volume when cardiac output is 5litres/min and heart rate is 72 beats / min.
 - e. What do you mean by asphyxia?
 - f. What is ovulation?
 - g. Write the name of any two telereceptor.
 - h. State the location of goblet cells and macula densa cells.
- 2. Answer any four questions from the following: 4x5 = 20**
- a. Discuss the anatomical organization of cerebral circulation.

