



HBZ-8111 Seat No. _____
First Year B. H. M. S. Examination
September – 2017
Physiology & Bio-chemistry : Paper - I
(Old Course)

Time : 3 Hours]

[Total Marks : 100

- Instructions :** (1) Write each section in separate answer book.
(2) Draw diagrams wherever necessary.

SECTION - I

- 1 Define co-agulation of blood and describe co-agulation factors in detail. **15**
- 2 Define cardiac cycle. Draw neat and clean diagram of cardiac cycle and describe the ventricular events in detail. **15**

OR

- 2 Describe properties of cardiac muscle in detail. **15**
- 3 Write short notes : (any **four**) **20**
- (i) Rh incompatibility
 - (ii) Function of spleen
 - (iii) Heart sound
 - (iv) Lysosomes
 - (v) Osmosis

SECTION - II

- 4 Describe Nervous regulation of respiration. **15**
- 5 Describe role of renal tubules in formation of urine. **15**
- OR**
- 5 Explain visual pathway in detail. **15**

6 Write short notes : (any **four**)

20

- (i) Function of skin
 - (ii) Micturation
 - (iii) Dead space
 - (iv) Organ of corti
 - (v) Taste buds.
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