



MY-M201632

Seat No. _____

First Year B. H. M. S. Examination

August – 2016

Physiology & Bio-Chemistry : Paper - I

(New Course)

Time : **3 Hours**]

[Total Marks : **100**

- Instructions :**
- (1) Handwriting must be readable.
 - (2) Draw figure wherever necessary.
 - (3) Each section should be written in separate answer book.

SECTION - I

- 1** Describe chemical regulation of respiration. **15**
- 2** Define GFR. Describe factors affecting it. **15**
- 3** Write short notes : (any **four**) **20**
 - (1) Taste-buds
 - (2) Functions of skin
 - (3) Glycosuria
 - (4) Asphyxia
 - (5) O₂ dissociation curve

SECTION - II

- 4** Describe cardiac cycle in detail. **15**

- 5 Describe process of Coagulation. Discuss various coagulating factors. **15**
- 6 Write short notes : (any **four**) **20**
- (1) Functions of spleen
 - (2) Osmosis and it's physiological importance
 - (3) Thrombocytes
 - (4) Waves of ECG
 - (5) Heart-rate.
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