



NBH-8111

Seat No. _____

First Year B. H. M. S. Examination

April / May - 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 figure wherever necessary.
 - (3) Handwriting must be readable.
 - (4) Mention section clearly in answer - sheet.

SECTION - I

- 1** Define arterial blood pressure. Describe nervous regulation of arterial blood pressure. **15**

- 2** (a) Plasma proteins. **7**
(b) Types of W.B.C. and their functions. **8**

- 3** Write short notes : (any four) **20**
 - (a) Reticulo Endothelial system
 - (b) Heart-sounds
 - (c) Osmotic pressure and its physiological importance
 - (d) Erythroblastosis fetalis
 - (e) Refractory period in cardial-muscle.

SECTION - II

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|---|--|----|
| 4 | Give an account of micturition. | 15 |
| 5 | (a) Exchange of gases between alveoli and blood. | 7 |
| | (b) Regulation of body temperature. | 8 |
| 6 | Write short notes : (any four) | 20 |
| | (a) Hering-brver reflex | |
| | (b) Protinuria | |
| | (c) Taste buds | |
| | (d) Glands of skin | |
| | (e) Extra-cellular edema. | |
