



MBH-8111 Seat No. _____
First B. H. M. S. Examination
March / April - 2018
Physiology & Biochemistry - I
(Old Course)

Time : 3 Hours]

[Total Marks : 100

Instructions :

- (1) Attempt all questions.
- (2) Write each section in separate answer book.
- (3) Draw diagram wherever necessary.
- (4) Figures on right indicate marks.

SECTION – I

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|-----------|--|----|
| 1 | Describe in detail morphology, characteristics and functions of WBC. | 15 |
| 2 | Describe Cardiac output in detail. | 15 |
| OR | | |
| 2 | (1) Heart rate. | 8 |
| | (2) Functions of Spleen. | 7 |
| 3 | Write short notes : (any four) | 20 |
| | (1) SA Node | |
| | (2) Diffusion | |
| | (3) Plasma Proteins | |
| | (4) Mitochondria | |
| | (5) Renal glycosuria. | |

SECTION – II

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|-----------|--|-----------|
| 4 | Describe Micturition reflex in detail. | 15 |
| 5 | Describe Auditory pathway in detail. | 15 |
| OR | | |
| 5 | (1) Thermotaxis. | 8 |
| | (2) Oxygen dissociation curve. | 7 |
| 6 | Write short notes : (any four) | 20 |
| | (1) Vital capacity | |
| | (2) Anoxia | |
| | (3) Cholesterol | |
| | (4) Taste buds | |
| | (5) Structure of skin. | |
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