



NBI-8112

Seat No. _____

First Year B. H. M. S. Examination

April / May - 2017

Physiology & Biochemistry : Paper - II

Time : 3 Hours]

[Total Marks : 100

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

SECTION - I

- 1** Describe composition, functions and mechanism of secretion of saliva. **15**

OR

- 1** Describe in detail physiology of liver.
- 2** Describe in detail digestion, absorption and metabolism of carbohydrates. **15**
- 3** Write short notes : (any four) **20**
- (a) BMR
 - (b) Balanced diet
 - (c) Vitamin A
 - (d) Cori cycle
 - (e) Vomiting.

SECTION - II

- 4** Describe the hormone of posterior pituitary. **15**
- 5** Describe in detail about pyramidal tract and its functions. **15**
- 6** Write short notes (any four) **20**
- (a) Graafian follicle
 - (b) Milk ejection reflex
 - (c) Functions of cerebellum
 - (d) Spermatogenesis
 - (e) Functions of hypothalamus.