



HDD-M20173

Seat No. _____

First Year M. B. B. S. Examination

November / December – 2017

Psychology : Paper - I

Time : 3 Hours]

[Total Marks : 50

- Instructions :**
- (1) Answer each section in separate answer book.
 - (2) Draw diagrams wherever necessary.
 - (3) Illegible answers will not carry marks.

Section – I

- 1 Write the name of various blood groups. Write a note on ABO blood group and hazards of mismatched blood transfusion. 8
- OR
- 1 Write the name of various coagulation factors and add a note on intrinsic mechanism of coagulation. 8
- 2 Write short notes on : 8
 - (1) Lung compliance OR Hypoxia
 - (2) Plasma proteins OR Cellular immunity.
- 3 (A) Write a note on effects of high partial pressure on oxygen and nitrogen gases. 5

- (B) Explain in 2-3 sentences : 4
- (1) What is biots breathing ?
 - (2) Respiratory signals are ramp in manner.
 - (3) Vitamin K is necessary for coagulation.
 - (4) Erthropoietin is necessary erythropoietic factor ?

Section - II

- 4 Write about various phases and pressure changes 8
during cardiac cycle.

OR

- 4 What is cardiac output ? Write about various factors 8
affecting cardiac output and its regulation.

- 5 Write short notes on : 8
- (1) Auto regulation of GFR OR Micturition.
 - (2) Gastric secretion OR Deglutition

- 6 (A) What is enthoven's triangle ? Add a note on 5
various interval and segments of ECG.

- (B) Explain in 2-3 sentences : 4
- (1) What is stockadam's syndrome ?
 - (2) What is obligatory urine formation ?
 - (3) Bile is important for fat digestion.
 - (4) Only smell of food can initiates salivation.