



**MBJ-9061**

Seat No. \_\_\_\_\_

**M. D. (Branch - 8) Examination**

**April / May - 2018**

**Physiology : Paper - II**

Time : 3 Hours]

[Total Marks : 100

**Instructions :**

- (1) All questions are compulsory.
- (2) Write legibly.
- (3) Figures to right indicate full marks.

- 1 Describe in detail various blood group theories and its usefulness. **20**  
Which are hazards of mismatched blood transfusion.
- 2 Define GFR. Write factors involved in its regulation. **20**  
Describe autoregulation of GFR.
- 3 Describe in detail nervous regulation of blood pressure. **20**  
Discuss hypertension.
- 4 Discuss physiological basis of peptic ulcer and rationale **20**  
of its treatment.
- 5 Discuss mechanics of respiration. **20**