



**JBM-3**

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

**Master of Pharmacy Management  
(Sem. V) Examination  
December - 2019  
Pharmacology - II**

Time : 3 Hours ]

[ Total Marks : 75

**Instruction :** Figures to the right indicate full marks for the respective question.

**1** Answer the following : **10×2=20**

- (1) What is positive inotropic effect?
- (2) What is Re-entry phenomenon?
- (3) Define the term SERM. Give examples of various SERM agents.
- (4) What are anabolic steroids? Give its uses.
- (5) Explain : Bradykinin
- (6) Give the side effects of Captopril.
- (7) Give neonatal side effects of Ritodrine.
- (8) Enlist the hormones which are regulating the level of  $Ca^{+2}$  in plasma.
- (9) Enlist the analogues of anterior pituitary gland hormones.
- (10) Explain use of low molecular weight Dextran.

**2** Answer the following : **2×10=20**

- (1) Classify antihypertensive agents. Explain  $Ca^{+2}$  channel blockers in detail.
- (2) Describe Pharmacological action of Histamine and classify autocooids.
- (3) Define Bioassay. Describe its type, Principle and Application in detail.

**3** Answer the following : (any seven)

**7×5=35**

- (1) Write a short note on Warfarin.
- (2) Classify diuretics and explain Thiazide diuretics in detail.
- (3) Classify Oral Hypoglycaemic agents. Write a note on Sulphonyl Urea and DPP-4 inhibitors.
- (4) Classify antiarrhythmic drugs and write a detailed note on Na<sup>+</sup> channel blockers.
- (5) Write a short note on Uterine stimulant.
- (6) Describe NSAIDs in detail.
- (7) Write a short note on Prostaglandin.
- (8) Explain : Antiplatelet drugs.
- (9) Write a detailed note on Insulin.

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