



BB-2106121201030001

M. D. (Pharmacology) Examination

April - 2022

Paper - III : Experimental Pharmacology, Bioassay,
Biostatistics & Systemic Pharmacology

Time : 3 Hours]

[Total Marks : 100

Instruction :

(1)

नीचे दशावेस निशानीवाणी विगतो उत्तरवली पर अवश्य लखवी. Fillup strictly the details of signs on your answer book.	Seat No.:
Name of the Examination :	<input type="text"/>
☛ M. D. (Pharmacology)	<input type="text"/>
Name of the Subject :	<input type="text"/>
☛ Paper - III : Experiment. Pharma., Bioassay, Biostat. & Sys. Pharm.	<input type="text"/>
☛ Subject Code No.:	Section No. (1, 2,.....):
2 1 0 6 1 2 1 2 0 1 0 3 0 0 0 1	NIL
	Student's Signature

- (2) All questions are compulsory.
(3) Figures to the right side indicate maximum marks.
(4) Illustrate your answers with examples and figures/diagrams if needed.

- 1 Discuss Evaluation methods of Anti-depressant agents. 40
- 2 Describe each of the following : 30
- (a) Randomization.
(b) Define Bioassay and describe various types of bio assay.
- 3 Write short note on : 30
- (a) Principles of treatments of IBD (irritable bowel syndrome).
(b) Use of Statins for new therapeutic targets (strategy)
(c) Students-t test.



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Clinical Pharmacology &

Recent Advances : Paper - IV

Time : 3 Hours]

[Total Marks : 100

Instruction :

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Name of the Examination :	<input type="text"/>
M. D. (Pharmacology)	<input type="text"/>
Name of the Subject :	<input type="text"/>
Clinical Pharmacology & Recent Advances : Paper - IV	<input type="text"/>
Section No. (1, 2,.....):	NIL
Subject Code No.:	<input type="text"/>
2 1 0 6 1 2 1 2 0 1 0 4 0 0 0 1	<input type="text"/>
	Student's Signature

- (2) All questions are compulsory.
(3) Figures to the right indicate maximum marks.
(4) Illustrate your answers with examples and figures/diagrams if needed.

- 1 Describe monoclonal antibodies as therapeutic agents. 40
- 2 Describe : 15×2=30
- (a) Pharmacological management in Hypertensive crisis.
(b) Alzheimer's disease - current and future drug therapy.
- 3 Write short note on : 10×3=30
- (a) Micro dosing studies
(b) Carrier based drug delivery.
(c) Newer developments in insulin therapy.