



JB-4820 Seat No. _____
Second Year B. D. S. Examination
July - 2019
Pharmacology

Time : 3 Hours]

[Total Marks : 70

- Instructions :** (1) Write each section in separate answer sheet.
(2) Draw figure whenever necessary.
(3) Figures on right indicate marks.
(4) Attempt all the questions.

SECTION - I

- 1 Answer : (any one) 10**
(a) Classify local anaesthetics agents. Write mechanism of action, pharmacological actions and adverse effects of lignocaine.
(b) Describe pharmacological actions, mechanism of action, clinical uses and adverse effects of morphine.
- 2 Answer in brief : (any five) 10**
(a) Define plasma half-life. What is its clinical significance?
(b) What is the role of atropine in pre-anaesthetic medication?
(c) Advantages of transdermal route with example.
(d) Name four local haemostatic agents.
(e) Write indications of parentera iron preparation.
(f) Define teratogenicity. Give two examples of teratogenic drugs.
- 3. Write short notes : (any five) 15**
(a) Antiseptics
(b) Losartan
(c) Pharmacological bases of carbamazepine in trigeminal neuralgia
(d) Ketamine
(e) Spironolactone
(f) Pharmacological bases of beta blockers in congestive heart failure.

SECTION - II

- 4** Answer : (any **one**) **10**
- (a) Classify NSAIDs. Describe mechanism of action, adverse effects, uses and contraindications of aspirin.
 - (b) Classify drugs. Describe ACT in treatment of malaria.
- 5** Answer : (any **two**) **10**
- (a) Omeprazole
 - (b) Vitamin D
 - (c) Gentamicin
- 6** Answer in brief : (any **five**) **15**
- (a) Superinfection
 - (b) ORS
 - (c) Adverse effects and contraindications of glucocorticoids
 - (d) Chlorpheniramine
 - (e) Metformin
 - (f) Clotrimazole
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