



ND-9535

Seat No. _____

Third Year B. Physiotherapy Examination
January - 2017
Pharmacology

Time : 2 Hours]

[Total Marks : 50

- Instructions :** (1) Figures to right indicates full marks.
(2) Write precise and legible answers.

- 1** Answer any two of the following : **20**
- a. Describe drug therapy of chronic bronchial asthma.
 - b. Classify oral hypoglycaemic agents. Write mechanisms of action, adverse effects of metformin.
 - c. Classify antianginal drugs. Write mechanism of action, uses and adverse effects of nitrates.
- 2** Write short notes on : (any two) **10**
- a. Chloroquine
 - b. Metoclopramide
 - c. Samaritan.
- 3** Answer in brief of following : (any five) **10**
- a. Name two disease modifying antirheumatic drugs.
 - b. Name two parenteral iron preparations and their two indications.
 - c. Define placebo. Write its clinical significance.
 - d. Write two advantages of second generation H1 antihistaminics over first generation.
 - e. Name four centrally acting skeletal muscle relaxants.
 - f. Name four 3rd generation cephalosporin.

4 Multiple Choice Questions. Select the most appropriate **10**

answer : (All are compulsory)

1. What is therapeutic index ?
 - a. Relative efficacy of drug
 - b. Safety margin of a drug
 - c. Dosage range of a drug
 - d. None of the above
2. Which of the following is used in glaucoma ?
 - a. Esmolol
 - b. Labetalol
 - c. Timolol
 - d. Tamsulosin
3. Which of the following is high ceiling diuretics ?
 - a. Furosemide
 - b. Spironolactone
 - c. Mannitol
 - d. Hydrochlorothiazide
4. Which of the following is not an NSAIDs group of drug ?
 - a. Piroxicam
 - b. Indomethacin
 - c. Ibuprofen
 - d. Prednisolone
5. Which of the following is not a local anaesthetic agent ?
 - a. Cocaine
 - b. Lignocaine
 - c. Procaine
 - d. Zolpidem

6. Glucose in ORS is useful for
 - a. Enhancing sodium absorption
 - b. Providing energy
 - c. Enhance the taste of solution
 - d. None of the above
 7. Which of the following are use of steroids ?
 - a. Collagen vascular disease
 - b. Rheumatoid arthritis
 - c. Urticarial
 - d. All of the above
 8. Which of the following drugs is used in treatment of swine flu ?
 - a. Acyclovir
 - b. Nevirapine
 - c. Zidovudin
 - d. Oseltamivir
 9. Which of the following is drug of choice for organophosphate poisoning ?
 - a. Neostigmine
 - b. Atropine
 - c. Azathioprine
 - d. Pyridoxine
 10. Which of the following is uricosuric ?
 - a. Allopurinol
 - b. Probenecid
 - c. Colchicine
 - d. Indomethacin.
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