



**BCH-9535** Seat No. \_\_\_\_\_

**Third Year B. Physiotherapy Examination**

**January – 2016**

**Pharmacology**

Time : 2 Hours]

[Total Marks : 50

**Instructions :**

- (1) Figures to the right indicate full marks.
- (2) Write precise and legible answers.

- 1 Answer any two of the following: 20
  - (a) Classify the drugs used in the treatment of Parkinsonism. Describe adverse effects and therapeutic uses of levodopa.
  - (b) Classify aminoglycosides. Describe adverse effects and therapeutic uses of it.
  - (c) Classify the drugs used in the treatment of angina pectoris. Describe adverse effects and therapeutic uses of GTN (Glyceryl Trinitrate).
- 2 Write short notes on : (ANY TWO) 10
  - (a) DMARDs (Disease Modifying Anti Rheumatic Drugs)
  - (b) Selective COX-2 inhibitors NSAIDs
  - (c) Therapeutic uses of atropine substitutes.
- 3 Answer in brief : (ANY FIVE) 10
  - (a) Name two H<sub>1</sub> antihistaminics and mention their clinical uses.
  - (b) Define plasma half life.
  - (c) Name two first line anti-tubercular drugs along with one important adverse effect of each.
  - (d) Name four local anesthetic agents.
  - (e) Name two drugs used for treatment of motion sickness along with one important adverse effect of each.
  - (f) Name four anti-cancer drugs.

4 Multiple Choice Questions. Select one most appropriate answer. (All are **compulsory**) 10

- (1) Drug transport mechanism includes
  - (a) Active transport
  - (b) Lipid solubility
  - (c) Bioavailability
  - (d) Distribution
- (2) Combined  $\alpha$  and  $\beta$  blocker drug is
  - (a) Pindolol
  - (b) Labetalol
  - (c) Acebutolol
  - (d) Atenolol
- (3) Potassium sparing diuretic is
  - (a) Spironolactone
  - (b) Triemteren
  - (c) Amiloride
  - (d) All of above
- (4) All are side effects of steroids, EXCEPT
  - (a) Skin atrophy
  - (b) Telenectasia
  - (c) Folliculitis
  - (d) Photosensitivity
- (5) Drug of choice in opoid poisoning is
  - (a) Nalorphine
  - (b) Pentazocine
  - (c) Naloxone
  - (d) Buprenorphine
- (6) Antidote of heparin
  - (a) Coumarin
  - (b) Vitamin-K
  - (c) Protamin sulphate
  - (d) Danaproid
- (7) Which of the following drugs CAN NOT be administered by inhalation ?
  - (a) Theophylline
  - (b) Ipratropium bromide
  - (c) Budenoside
  - (d) Terbutaline

- (8) The drug used for anti-H.pylori therapy for peptic ulcer includes all of the following, EXCEPT
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|--------------------|-----------------|
| (a) Ciprofloxacin  | (c) Tinidazole  |
| (b) Clarithromycin | (d) Amoxicillin |
- (9) Which of the following drugs is an antipseudomonal penicillin ?
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|-----------------|-------------------|
| (a) Cephlexin   | (c) Piperacillin  |
| (b) Cloxacillin | (d) Dicloxacillin |
- (10) All are the third generation cephalosporins, EXCEPT
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|----------------|-----------------|
| (a) Cefotaxime | (c) Ceftriaxone |
| (b) Cefuroxime | (d) Cefixime    |
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