

## Sample Paper

### Pharmacology

#### D. PHARMA 2nd YEAR

**TIME 03:00 HOURS**

**MAXIMUM MARKS: 80**

#### **PART - A**

**Long Answers (Answer 6 out of 7) =**

**6 x 5 = 30**

- Q.1. Classify antipsychotic drugs with examples. Write in detail on barbiturates.
- Q.2 Define any three with suitable example.
- Cholinergic drugs
  - Local anaesthetic agent.
  - Drugs used in Glaucoma
  - Anti-hypertensive drugs
- Q.3. Define any two hormones and their physiological role in the body.
- Thyroid hormones.
  - Progesterone.
  - Oxytocin.
- Q.4. Classify the general anaesthesia and Bronchodilators and write the pharmacological actions on CNS.
- Q.5. Discuss the steps of drug absorption and factors which promote or enhance the drug absorption.
- Q.6. List out anticholinergic agents with examples. Write the pharmacology of any one drug in this category.
- Q.7. Define, Indication and Contraindication of any two with suitable example.
- Laxatives and purgatives.
  - Mucolytic agents.
  - Anti-neoplastic agents
  - Chemotherapeutic Agents

#### **PART – B**

**Short Answers (Answer 10 out of 11) =**

**10 x 3 = 30**

- Q.1. Discuss the bioavailability.
- Q.2. Define drug dependence.

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Q.3. What are emetics? Give examples.

Q.4. Write short notes on opioid analgesics.

Q.5. Write indication and contraindications of Diuretics and Anti-Diuretics.

Q.6. Write short notes with suitable example (Any one)

- a) Anti-anginal drugs.
- b) Anti-amoebic agents.

Q.7. Define the pharmacological and pathological role of any three.

- a) Insulin.
- b) Vitamin D.
- c) Progesterone.
- d) Corticosteroids.

Q.8. General mechanisms of drug action and factors modifying drug action.

Q.9 Write the pharmacology of Anti-hypertensive drugs.

Q.10. Classify the neuromuscular blocking agents.

Q.11. Classify the Expectorants.

## PART-C

### Multiple Choice Questions:

Answer all questions. Each question carries equal marks.

20×1= 20 marks

1. The drug used to prevent or treat convulsions in a epileptic patient is-

- (a) Antihistamine
- (b) Anticoagulant
- (c) Anaesthetics
- (d) Anticonvulsants

2. A drug that relieves itching is-

- (a) Antiseptic
- (b) Antipruritic
- (c) Anti-infective
- (d) Anti-inflammatory

3. Anxiolytics are drugs used-

- (a) To treat depression
- (b) To relieve anxiety
- (c) To induce sleep
- (d) None of the above

4. Myotics are drugs which-

- (a) Constrict the pupil of the eye
- (b) Constrict the blood vessels
- (c) Dilate the blood vessels
- (d) Dilate the pupil of the eye

5. Galactogouge is the drug which-

- (a) Increase breast milk secretion
- (b) Increase blood glucose level

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(c) Decrease blood glucose level (d) Increase appetite 198.

**6. In the bioassay the conviction activity in mice is observed during.....use.**

a. Insulin b. Histamine c. Prolactin d. **Oxytocin**

**7. In following which is the advantage of intravenous (I.V.) drug administration-**

(a) Useful in emergency conditions (b) Large volume of solution can be administered.  
(c) There is very rapid response of drug. (d) **All of the above**

**8. Selection of the site of injection depends upon-**

(a) Route ordered by the physician (b) The quantity of medication to be given  
(c) The characteristics of medication to be given (d) **All of the above**

**9. Before giving an injection the nurse should be able-**

(a) To select equipment appropriately. (b) To select the site quickly and accurately.  
(c) To prepare the medications as desired. (d) **All of the above**

**10. Which fact is true about paracetamol-**

(a) It has analgesic and antipyretic drug. (b) It has weak anti-inflammatory property.  
(c) It is hepatotoxic in large dose. (d) **All of the above.**

**11. Which of the following I.V. fluid solution is a hypotonic solution- .**

(a) 0.25% sodium chloride solution. (b) 2.5% dextrose solution.  
(c) 0.45% sodium chloride solution. (d) **All of the above.**

**12. The symbol of grain is-**

(a) gm (b) **gr** (c) g (d) gn

**13. The standard unit of weight in metric system is-**

(a) **Kilogram** (b) Gram (c) Miligram (d) Pound

**14. Opioid analgesics (Narcotic analgesics) can produce-**

(a) Sedation and analgesia. (b) Euphoria and respiratory depression.  
(c) Nausea, vomiting and constipation. (d) **All of the above.**

**15. Morphine is contraindicated in a patient with head injury because it can cause-**

(a) Respiratory depression (b) Increased intracranial pressure  
(c) Mental clouding and vomiting (d) **All of the above**

**16. What is incorrect about tramadol-**

(a) It is a synthetic opioid. (b) **It is a naturally occurring opium alkaloid.**  
(c) It is an effective analgesic. (d) It is used in acute and chronic pain.

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17. In following which statement is true-

- (a) The penicillin are bactericidal drug that inhibit cell wall synthesis and thereby kills bacteria.
- (b) Penicillin in high dose is neurotoxic
- (c) The enzyme penicillinase destroys the natural penicillins.
- (d) All of the above are true

18. Drugs which dilate the blood vessels and used to lower blood pressure-

- (a) Vasodilators
- (b) Vasoconstrictor
- (c) Mydriatics
- (d) Myotics

19. Drugs used to destroy and expel worms are-

- (a) Antibiotics
- (b) Anti-inflammatory
- (c) Anthelmintics
- (d) Antipruritics

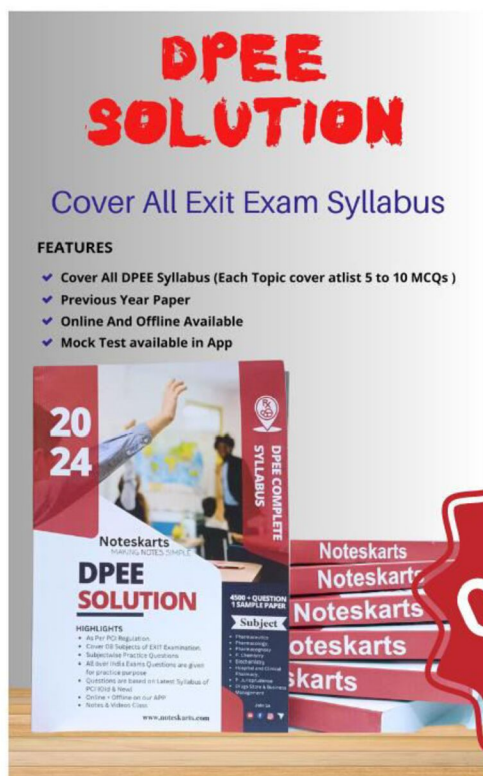
20 . A drug that relieves itching is-

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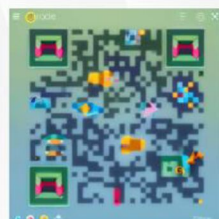


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