

Q.1 Write notes on any four

[16]

1. Insulin ✓ | 2 |
2. Phenytoin sodium ✓
3. Penicillin ✓ New note
4. Describe briefly the various drugs used in animal anaesthesia ✓
5.  $\beta$ -adrenergic blockers ✓
6. Anticoagulant drugs ✓ Fr. S. Book

Q.2 Describe briefly the drugs used in bronchial asthma ✓

OR

[10]

Describe the routes of drug administration of a drug ✓

Q.3 Match the terms in column A with B

A

B

- |                             |                   |
|-----------------------------|-------------------|
| a. Semisynthetic penicillin | Furosemide        |
| b. local anaesthetic drug   | Uterine stimulant |
| c. Diuretic                 | Hormone           |
| d. Aminoglycoside           | Anxiety           |
| e. Adrenaline               | Lignocaine        |
| f. Oxytocine                | Streptomycin      |
| g. Thyroxine                | Ampicillin        |
| h. Benzodiazepines          | Sympathomimetic   |

Q.4. Describe the experiment performed in experimental laboratory on isolated frog rectus abdominis muscle preparation. ✓

Q.5 Give one important action of the following. ✓ [10]

[6]

1. Antacid
2. Ether
3. Ethinyl estradiol

1. Write notes on any four of the following. [16]

1. Local anaesthetic agents ✓ 188
2. Barium sulfate ✓ 39
3. Physiological salt solution ✓ 86
4. Vaccines ✓ 63
5. Benzodiazepines
6. Penicillin. New note

2. Describe anticoagulants. OR <sup>Rept</sup> ~~From~~ <sup>S. Boot</sup> 177 ✓ [10]  
 Describe non narcotic analgesics. ✓ <sup>S. Boot</sup>

3. Match the terms in column A with column B [8]

A	B
Ethinyl estradiol	Mannitol
Antihypertensive	Hormone
Diuretic	Chloroquine
Antimalarial	Propranolol
Antacid	BCG
Vaccine	Aluminium hydroxide gel

Q.4. Mention animals that are used for pharmacology experiments. Write two points about each of these animals. ✓ 47 [10]

Q.5. Describe one important action of each of the following drugs. [6]

1. Adrenaline
2. Oxytocin
3. Insulin

19<sup>th</sup> 2007

Pharmacology

Q. 1. Any four. [16]

1. Aminoglycosides
2. NSAIDs. ✓ P.S. Book
3. Oral contraceptives ✓ 150
4. Anticholinergics. 58 ✓
5. Eutharsia. ✓
6. Calcium channel blockers ✓ From S. Book

Q. 2. Describe the Factors modifying drug action. ✓ 30R [10]  
Describe the drugs used in general anaesthesia. ✓ 193/47

Q. 3. Match the following. [8]

A

B

- |                   |                              |
|-------------------|------------------------------|
| 1. Sulfonamide    | 1. skeletal muscle relaxant. |
| 2. Ergometrine    | 2. Antitubercular drug.      |
| 3. Beta blocker   | 3. Silver sulfadiazine       |
| 4. Heparin        | 4. uterine stimulant         |
| 5. Rifampicin     | 5. peptic ulcer              |
| 6. Rohitidin      | 6. Anti passive              |
| 7. Codeine        | 7. Anti coagulant            |
| 8. d-tubocurarine | 8. Atenolol.                 |

Q. 4. Describe the esp. performed study the analgesic effect of drugs in rats. ✓ 83 [10]

Q. 5. Imp action. [6]

1. Furosemide
2. Metronidazole
3. Thyroxine

21<sup>st</sup> - 2009

pharmac

Q. 1 Write notes on any four of the following [16]

- Antiseptics ✓ 63
- Vaccines ✓ 63
- Beta blocker ✓ 79
- Nitrates ✓
- Antiepileptic drugs ✓ From s. Book
- physiological salt solution ✓ 85

Q. 2. Classify analgesics. Describe uses & adverse drug reaction of any one of them: ✓ From s. Book OR [10]

Mention different routes of drug administration. Discuss advantages & disadvantages of oral routes of drug administration. ✓ 3

Q. 3. Match the Following.

- |                                    |   |                              |
|------------------------------------|---|------------------------------|
| a. Estrogen                        | d | a. Hypertension.             |
| b. Amphetamine                     | b | b. Bronchial Asthma.         |
| c. Omeprazole                      | c | c. Anaemia                   |
| d. Salbutamol                      | d | d. Diabetes mellitus         |
| e. Iron sulphate                   | e | e. Parkinsonism.             |
| f. levodopa                        | f | f. Acid peptic disease       |
| g. Insulin                         | g | g. Drug abuse                |
| h. Nifedepine <small>heart</small> | h | h. Oral contraceptive pills. |

Q. 4. Describe the detailed procedure to study the effect of drug on isolated guinea pig ileum. ✓ [10] 101

Q. 5 Give one important action of the following [6]

- Atropine ✓
- chloroquine
- Penicillin

1. Write notes on Any Four of the following (16)

1. Thaprogen
2. Anti emetics. ✓ 167 •
3. Antropine ✓ ① ✓
4. Astringents. ✓ 37
5. Euthanasia ✓
6. Insulin. ✓ 121

2. Define & classify Adverse Drug Reactions. Explain each of them with example ✓ 33, 34 OR (10)

What is pre anesthetic medication? Name the drugs use for this purpose along with their role? Mechanism of action 186 •

3. Match the following.

- |  |                        |
|--|------------------------|
| a. Remitidine                                  | d. Malazia.            |
| b. Codeine                                     | e. Tuberculosis        |
| c. Ethambutol                                  | f. Epilepsy            |
| d. chloroquine                                 | g. peptic ulcer        |
| e. Dexamethasone                               | h. Anaphylactic shock  |
| f. phenytoin                                   | i. Drug cough          |
| g. Adrenaline                                  | j. Bacillary dysentery |
| h. Metronidazole <small>Anti anaerobic</small> | k. Allergy.            |

4. Describe in details the study of effect of antipileptic drugs in animals. ✓ (10)

5. Give Important uses of the following (6)

1. Ferrous sulfate
2. Salbutamol ✓
3. Sodium bicarbonate

25 - 2011

pharmacology

Q.1. Write notes on any four of the following. [16]

- a. General anesthetic agents. ✓ 193 / 47 ✓
- b. Fatthamasia ✓ <sup>9150</sup> Refer S. Book
- c. Beta blockers. ✓ 79
- d. physiological salt reaction solution. ✓ 85
- e. Antiseptics. ✓ 63
- f. Bronchodilators ✓ 96

Q.2. Mention different routes of drug administration. Discuss advantages & disadvantages of intravenous route of drug administration. 3 OR [10]

✓ classify analgesics. Describe non-narcotic analgesics. From S. Book [8]

Q.3. Match the following. [8]

- |                        |                       |
|------------------------|-----------------------|
| a. Ranitidine          | a. Epilepsy           |
| b. Ferrous sulfate     | b. Bronchial asthma   |
| c. Ipratropium bromide | c. Oral contraceptive |
| d. Glibenclamide       | d. Drug abuse         |
| e. Enalapril           | e. Peptic ulcer       |
| f. progesterone        | f. Anemia             |
| g. Heroid              | g. Hypertension       |
| h. phenytoin sodium    | h. Diabetes mellitus  |

Q.4. Mention animals that are used for pharmacology experiments. Write two points about each of these animals. ✓ 42

Q.5. Give one important action of the following [6]

- a. Atropine ✓ 60
- b. Penicilline ✓
- c. Oxytocin ✓ 147

20<sup>th</sup> - 2008

pharmacology

Q. 1. Write notes on any four of the following [16]

- 1. penicillins ✓
- 2. Corticosteroids
- 3. Oral antidiabetic agent ✓ 124
- 4. Antiachrenergic drug ✓ 78
- 5. physiological salt soln ✓ 86
- 6. local anesthetic agents ✓ 188

Q. 2. Describe the factors modifying absorption & bio-availability. ✓ 30 OR [10]

Describe the drugs used in treatment of angular pectoris. ✓ 226 ✓

Q. 3. Match the terms in column A with column B [8]

- |                     |   |                             |
|---------------------|---|-----------------------------|
| 1. chloroquine      | 4 | 1. Diabetes                 |
| 2. Oxytocin         | 2 | 2. Tuberculosis             |
| 3. Atropin          | 3 | 3. skeletal muscle relaxant |
| 4. Insulin          | 4 | 4. Facilitation of labour   |
| 5. Tsamizid         | 5 | 5. peptic ulcer             |
| 6. Urnaperole       | 7 | 6. Bronchial asthma         |
| 7. Sal butamol      | 7 | 7. Malaria                  |
| 8. Succinyl choline | 8 | 8. preanesthetic medication |

Q. 4. Describe the ex. performed to study the antipileptic effect of drug in mice. ✓ [10] 85

Q. 5. Imp action. [6]

- 1. Digitalis ✓
- 2. Aspirin
- 3. Radiiodine ✓

Q. 1 Write Notes on any Four of the following (16)

1. physiological salt solution ✓
2. Adverse drug reaction ✓
3. Vaccines ✓
4. phenytoin sodium
5. Nitrates ✓
6. Fluoroquinolones.

Q. 2 Describe various routes drug administration ✓ (10)

OR

Describe pharmacological of action of anticoagulant

Q. 3 Match the terms in column A with B (8)

A

B.

- |                         |                            |
|-------------------------|----------------------------|
| 1. Trisferent purgative | 1 Drug Abuse               |
| 2. Amphetamine          | 4. 2 Bronchial Asthma.     |
| 3. Macrolide            | 6 3. Anti fissive          |
| 4. Salbutamol           | 7 4. Antituber cular drug. |
| 5. Ergometrine          | 3 5. Erythromycin          |
| 6. Codein               | 1 6. Castor oil            |
| 7. Rifampicin           | 8 7. Furosemide            |
| 8. diuretics.           | 8 uterine Stimulant        |

Q. 4 Describe in detail procedure to study the effect of anti cholinergic drug on isolated guinea pig ileum.

Q. 5 Give one important action & use of the following (6)

1. Ranitidine ✓ all
2. Aspirin
3. Adrenaline