



**BRAINWARE UNIVERSITY**

Library  
Pharmaceutical Technology

**Term End Examination 2023**

**Programme – D.Pharm-2021**

**Course Name – Pharmaceutical Chemistry- II**

**Course Code - 2.2T**

**( Year II )**

**Full Marks : 80**

**Time : 3:0 Hours**

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

**Group-A**

(Multiple Choice Type Question)

1 x 20=20

1. Choose the correct alternative from the following :
- (i) Identify the correct option:Which of the following is a liquid  
a) chloral hydrate  
b) paraldehyde  
c) carbromal  
d) sodiumvalporate
- (ii) Identify the correct option:Which of the following local anesthetic is not an ester?  
a) procaine  
b) lignocaine  
c) lidocaine  
d) benzocaine
- (iii) Identify the correct option:Which of the following does not contain sulphur in its elemental composition?  
a) Benzylpenicillin  
b) digitoxin  
c) theobromine  
d) caffeine
- (iv) Identify the correct option:Which of the following is not an local anaesthetic?  
a) Cocaine  
b) lignocaine  
c) procaine  
d) lidocaine
- (v) Identify the correct option:In what formulation the drug sodium valporate is not given  
a) Tablet  
b) capsule  
c) syrup  
d) Nasal spray
- (vi) Select the correct option:Betamethazone, Cortisone, Hydrocortisone are all  
a) Cardiovascular Drugs  
b) Hypoglycemic Agents  
c) steroidal drugs  
d) None of these
- (vii) Identify the correct option:Storage temp of insulin is  
a) 2 to 8°C  
b) 0 to 10°C  
c) 10 to 20°C  
d) at normal temp
- (viii) Identify the correct option:Heparin, Thrombin , Warfarin are  
a) Cardiovascular Drugs  
b) Hypoglycemic Agents  
c) Anti-Coagulant  
d) None of these

- (ix) Identify the correct option:Fucidin is the brand name of  
 a) sodium fusidate  
 b) potassiumfusidate  
 c) sodiumfusidic acid  
 d) potassiumfusidic acid
- (x) Select the correct option:Diphenhydramine, Promethazine are  
 a) Cardiovascular Drugs  
 b) Hypoglycemic Agents  
 c) Anti-histaminic Agents  
 d) None of these
- (xi) Identify the correct option:Morphin, Pethidine, Codeine are severe  
 a) Cardiovascular Drugs  
 b) Hypoglycemic Agents  
 c) Analgesics drugs  
 d) None of these
- (xii) Select the correct option:Indomethacin\*, phenylbutazone\*, Oxyphenbutazone, Ibuprofen are  
 a) Cardiovascular Drugs  
 b) Hypoglycemic Agents  
 c) anti-inflammatory Agents  
 d) None of these
- (xiii) Identify the correct option:Sex hormones are  
 a) androgen  
 b) estrogen  
 c) progesterone  
 d) All of these
- (xiv) Select the correct option:Testosterone is a basically  
 a) Female hormone  
 b) male hormone  
 c) Both Female hormone and male hormone  
 d) None of these
- (xv) Predict the correct answer:Propranolol is a .....beta blocker  
 a) Selective  
 b) Non Selective  
 c) both a & b  
 d) None
- (xvi) Choose the correct answer:Cholinergic drug is  
 a) neostigmine  
 b) pyridostigmine  
 c) Pralidoxime  
 d) All
- (xvii) Predict the correct answer:Which of the following drugs was not isolated from a natural source?  
 a) quinine  
 b) morphine  
 c) isoniazid  
 d) artemisinin
- (xviii) Choose the correct answer:General anaesthetic is useful because it causes  
 a) Excellent analgesia  
 b) Unconsciousness  
 c) Muscle relaxation and unconsciousness  
 d) Abolition of reflexes
- (xix) Choose the correct answer:All of the following are examples of prodrugs except  
 a) Levodopa  
 b) Enalapril  
 c) Omeprazole  
 d) Indomethacin
- (xx) Predict the correct answer:A sulphur drug that is widely used to treat ophthalmic infections is  
 a) Sulphadiazine  
 b) Sulphasuxidine  
 c) Sulphapyrimidine  
 d) Sulphacetamide

### Group-B

(Short Answer Type Questions)

5 x 8=40

2. Describe the following: Diuretics,cardiovascular drugs, Hypoglycaemics,local and general anaesthetics (5)
  3. Explain coagulation of blood schematically (5)
  4. Explain briefly about INSULIN (5)
  5. Describe the structure, physical properties and use of atropine (5)
  6. Describe Hypoglycemic agents along with its classification (5)
  7. Define antidepressant drugs and classify with example (5)
  8. Explain NSAID along with its classification (5)
- OR**
- Explain any two drugs from Salicylate derivative and p-aminophenol derivative (5)

9. Explain Cholinergic Drugs &Cholinergic Antagonists (5)

OR

Explain the introduction, properties and uses of urea and Mannitol (5)

**Group-C**

(Long Answer Type Questions)

10 x 2=20

10. Describe Phenobarbitone, Butobarbitone as Tranquilizers (10)

11. Classify Anti fungal agents focusing on Amphotericin and Nystatin (10)

OR

Classify Anti thyroids focusing on Methimazole and Propyl thiouracil (10)

\*\*\*\*\*

Library  
Pharmaceutical Technology  
University  
25