

**D. PHARMACY SECOND YEAR EXAMINATION, NOVEMBER 2023**  
**EDUCATION REGULATIONS ER 2020**

**PHARMACOTHERAPEUTICS (Question Paper code: 211120233)**  
**(Subject Code: 20241)**

Time: Three hours

Maximum marks: 80

**Note:** 1. Answer all the questions.  
2. Draw diagrams wherever necessary

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**I. Fill in the blanks**

**1x5 = 5**

- 1) Deep vein thrombosis occurs in the \_\_\_\_\_
- 2) ALT and AST are used to diagnose \_\_\_\_\_ function
- 3) \_\_\_\_\_ is also known as tuberculin skin test
- 4) \_\_\_\_\_ cell secretes acid in the stomach
- 5) Absence of menstruation is known as \_\_\_\_\_

**II. Choose the correct answer**

**1 x 5 = 5**

- 1) The drug used for the treatment of epilepsy is \_\_\_\_\_  
(a) Captopril (b) Phenytoin (c) Ranitidine (d) Sodium chloride
- 2) Syphilis is a STD infection caused by \_\_\_\_\_  
(a) Bacteria (b) Virus (c) Fungi (d) Spirochete
- 3) Which type of hepatitis is transmitted through sexual contact  
(a) Hepatitis A (b) Hepatitis C (c) Hepatitis B (d) Hepatitis E
- 4) Which neurotransmitter imbalance leads to suicidal thoughts  
(a) Serotonin (b) Dopamine (c) GABA (d) Both (a) & (b)
- 5) Untreated diabetes may result in the following except  
(a) Blindness (b) Cardiovascular diseases (c) Kidney diseases (d) Tinnitus

**III. Match the following**

**1 x 5 = 5**

	A	B
1	Psychosis	Wheezing
2	Polyuria	Joint stiffness
3	Asthma	Dissatisfaction with life
4	Osteoarthritis	Panic attacks
5	Disphoria	Frequent urination

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**IV. Write very short answers**

**1 x 5 = 5**

- 1) Endarteritis
- 2) Cardiomyopathy
- 3) Hallucination
- 4) Pyelonephritis
- 5) Macrocytic anaemia

**V. Write Short Answers on ANY TEN of the following**

**10 x 3 = 30**

- 1) Premenstrual syndrome
- 2) Clinical manifestations and treatment of tuberculosis
- 3) Etiopathogenesis of angina
- 4) Gonorrhoea
- 5) Clinical manifestation and therapy of epilepsy
- 6) Hypothyroidism
- 7) Types of inflammatory bone diseases
- 8) Treatment of hyperlipidemia
- 9) Evidence based medicine
- 10) Pathogenesis and treatment of alcohol related liver disease
- 11) Types of glaucoma

**VI. Answer ANY SIX of the following in detail 6x5 = 30**

1. Write down in detail about etiology, symptoms, pharmacological, non pharmacological treatment of COPD.
2. Write in detail about GERD disease
3. Write in detail about congestive heart disease.
4. Write in detail etiopathogenesis, pharmacological and non pharmacological treatment of musculo skeletal disorder of rheumatoid arthritis.
5. Write the pharmacological management of scabies, malaria and AIDS.
6. Explain about antimicrobial resistance
7. Define diabetes and its types. Write in detail about *Diabetes mellitus*.

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