



Annual/Reappear (Year II) Examination May 2025

**Programme: D. Pharm**

**Course: Pharmacotherapeutics**

**Course Code: ER20-24T**

**Enrolment No: \_\_\_\_\_**

**Full Marks: 80**

**Time: 3 Hrs.**

**Section I**

**1. Objective type questions. Answer all questions.**

**1 x 20 = 20**

- i. In 1996, National List of Essential Medicines of India consisting ..... medicines.  
a. 354    b. 279    c. 347    d. 348
- ii. Swelling and itching in bronchi is a symptom of .....  
a. Asthma    b. Fibrosis    c. Emphysema    d. Bronchitis
- iii. Which of the following medication is not used to treat Angina?  
a. Nitrates    b.  $\beta$ - blockers    c.  $Ca^{++}$  channel blockers    d. Anti- anxiety drugs
- iv. LDL cholesterol is called "bad cholesterol" because too much in blood can leads to..  
a. Obesity    b. Diabetes    c. Atherosclerosis    d. All of the above
- v. How many versions of Angina Pectoris are there?  
a. 1    b. 2    c. 3    d. 5
- vi. ALD appears in different forms except:  
a. Steatosis    b. Alcoholic hepatitis    c. Alcoholic cirrhosis    d. Alcoholic acidosis
- vii. The thyroid produces hormones that regulate what bodily function?  
a. Metabolism    b. Temperature    c. Blood Pressure    d. Digestion
- viii. The symptom that distinguishes dysmenorrhea from a normal period is?  
a. Bleeding    b. Bloating    c. Cramps    d. Severe pain
- ix. Gestational Diabetes occurs:  
a. During Pregnancy    b. After about with shingles    c. At birth    d. After menopause
- x. Which of these disease is not related to thyroid gland  
a. Cretinism    b. Myxedema    c. Goiter    d. Acromegaly
- xi. Helicobacter pylori infection is best diagnosed by  
a. Stool antigen test    b. Blood test    c. Breath test    d. Endoscopy with biopsy of the tissue
- xii. What is the normal range of intraocular pressure (IOP):  
a. 10-21    b. 10-15    c. 15-20    d. None of the above
- xiii. Which of the following resistance mechanism describes the function of  $\beta$ - lactamase  
a. Efflux pump    b. Target mimicry    c. Drug inactivation    d. Target overproduction
- xiv. Which of the following lab value is not associated with iron deficiency Anemia?  
a. Hemoglobin    b. Serum ferritin    c. Transferrin saturation    d. Haptoglobin
- xv. The sudden appearance or worsening of RA symptoms is referred to as an...  
a. Outbreak    b. Flare    c. burst    d. eruption
- xvi. Inflammation of eyelid is:  
a. Conjunctivitis    b. Blepharitis    c. Keratitis    d. Uveitis
- xvii. The drug choice to treat PCOS associated infertility is  
a. Clomiphene citrate    b. Metformin    c. Letrozole    d. None of the above
- xviii. Peripheral blood smear in megaloblastic anemia shows following features except:  
a. Macro ovalocytes    b. Howell-jolly bodies    c. Increased reticulocytes    d. Hyper segmented neutrophils
- xix. Which type of dysmenorrhea occurs later in life & is related to problems with reproductive organs

- a. Primary    b. Secondary    c. Mixed    d. None of these
- xx. What is the common name for conjunctivitis?
- a. Measles    b. Chicken Pox    c. Pink eye    d. mumps

### Section II

2. **Short Answer type questions. Answer any ten.** **10 x 3 = 30**
- Differentiate between Eczema and Psoriasis.
  - Write about the stages of Iron deficiency Anemia.
  - Write down the pathophysiology of Dysmenorrhea.
  - Write down the factors contributing in Antimicrobial resistance
  - Define Asthma. What triggers Asthma attacks?
  - Write the Causative agent & Pathophysiology of Syphilis.
  - Give the Pharmacological Treatment for Emphysema with suitable example.
  - Describe the pathophysiology of heart failure.
  - What are the types of urinary tract infections (UTIs)?
  - What is Anti-Microbial resistance? Name two causes of Anti-Microbial resistance.
  - Write short note on clinical manifestation & diagnosis of GERD.

### Section III

3. **Long Answer type questions. Answer any six.** **6 x 5 = 30**
- Explain the Pharmacotherapeutics of Glaucoma.
  - Explain the stages of liver damage in ALD.
  - Explain the types, symptoms & Pharmacological treatment for Depression.
  - Explain in detail about Epilepsy.
  - Classify Antimicrobials On the basis of their site of action with neat diagram.
  - Write a detail account on Psychosis.
  - Explain SARS.

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