

GUJARAT TECHNOLOGICAL UNIVERSITY
PHARM.D YEAR-3 EXAMINATION – SUMMER - 2024

Subject Code: 838803**Date: 03-05-2024****Subject Name: Pharmacotherapeutics-II****Time: 10:30 AM TO 1:30 PM****Total Marks: 70****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) 50 years old female patients come to the hospital with C/O knee pain, swelling, difficulty in walking, joint pain. Patient has a H/O diabetes insipidus for 2 years. Hypothyroidism in the last 10 years. CRP: Normal, RF factor: positive. What is your provisional diagnosis? Write down the further laboratory parameters and detail treatment approach for this patient. **06**
- (b) Write a brief note on management of psoriasis. **04**
- (c) Write down the guideline for the rational use and surgical prophylaxis of antibiotics. **04**
- Q.2** (a) Classify the different types of cancer. Write a detail note on hallmarks, stages and laboratory parameters of cancer. **06**
- (b) Enlist various types of gout and how can you manage the gout with pharmacological and non-pharmacological approach? **04**
- (c) What are the risk factors of AKI. Write down the management of AKI. **04**
- Q.3** (a) Write a detail note on laboratory parameters and management of Tuberculosis. **06**
- (b) What is a causative agent of malaria. Write down the clinical manifestation and treatment of malaria. **04**
- (c) Write down the pathogenesis and treatment of gonorrhoea. **04**
- Q.4** (a) Enlist the various types of breast cancer. Write a detail note on clinical manifestation of breast cancer. **06**
- (b) What is opportunistic infection? Write down the treatment of any two OIs with HIV. **04**
- (c) Write down the causes, symptoms, laboratory investigation of endocarditis. **04**
- Q.5** (a) Enlist various stages and Complication of CKD. Write a detail note on hemodialysis. **06**
- (b) Write a brief note on impetigo. **04**
- (c) Write down the treatment protocol for uncomplicated UTI. **04**
- Q.6** (a) What is septic shock? Write down the pathogenesis and management of septicemia. **06**
- (b) Write a treatment approach for CML patients. **04**
- (c) Write down the pharmacological management for meningitis. **04**
- Q.7** (a) Write down the treatment protocol for breast cancer. **06**
- (b) Write down the pathogenesis and clinical manifestation of Scabies. **04**
- (c) Write a note on Clinical manifestations and management of Fungal Infection. **04**