

GUJARAT TECHNOLOGICAL UNIVERSITY
B. PHARM (SEMESTER-8) SUMMER-2015

Subject code: 280006

Date: 08/05/2015

Subject Name: Clinical Pharmacy II

Time: 10:30 am to 1:30 pm

Total Marks: 80

Instructions:

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

- Q.1**
- | | | |
|-----|--|-----------|
| (a) | Write pathophysiology, risk factors, diagnosis, complications, and treatment of Diabetes mellitus. | 06 |
| (b) | Write the diagnosis and pharmacotherapeutic approach for Rheumatoid arthritis. | 05 |
| (c) | Match the following information in set-A with the most relevant information in set –B. | 05 |
- | Set –A | Set –B |
|----------------------------|-------------------------|
| I Syphilis | A Ketoacidosis |
| II Breast Cancer | B Rationality |
| III Diabetes mellitus | C DOTS therapy |
| IV Prescription monitoring | D Spirochetal infection |
| V Tuberculosis | E BRCA genes mutations |
- Q.2**
- | | | |
|-----|--|-----------|
| (a) | Explain the role of clinical pharmacist in prescription monitoring. | 06 |
| (b) | Explain pathophysiology and management of Peptic ulcer diseases. | 05 |
| (c) | Explain drug-drug interactions with four examples of pharmacokinetic interactions. | 05 |
- Q.3**
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|-----|--|-----------|
| (a) | Discuss diagnosis and management of Bronchial Asthma. | 06 |
| (b) | Write a note on adverse drug reactions. | 05 |
| (c) | Match the following disease in set-A with the most relevant cause/risk factors/diagnostic information in set –B. | 05 |
- | Set –A | Set –B |
|-----------------|--|
| I Filariasis | A Sexually transmitted disease |
| II Gonorrhoea | B Estrogen deficiency |
| III Meningitis | C Antiretroviral treatment |
| IV Osteoporosis | D Wuchereria bancrofti |
| V AIDS | E Neisseria species and Streptococcus pneumoniae |
- Q.4**
- | | | |
|-----|---|-----------|
| (a) | Explain diagnosis and management of Tuberculosis. | 06 |
| (b) | Describe hormone replacement therapy for post-menopausal women. | 05 |
| (c) | Write a short note on Leukemias. | 05 |
- Q.5**
- | | | |
|-----|---|-----------|
| (a) | Describe in detail management of Cancer. | 06 |
| (b) | Classify obesity. Describe risk factors and long term complications of obesity. | 05 |
| (c) | Write a note on Glaucoma. | 05 |

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|-------------|-----|---|-----------|
| Q. 6 | (a) | Discuss pharmacoeconomics and types of its evaluation techniques. | 06 |
| | (b) | Explain the pathogenesis and clinical manifestations of AIDS. | 05 |
| | (c) | Write a short note on SARS. | 05 |
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| Q.7 | (a) | Describe sign and symptoms and treatment of Thyroid disorders | 06 |
| | (b) | Write a note on stem cell transplantation | 05 |
| | (c) | Write etiology and pharmacotherapeutic approach for Gout. | 05 |
