

[MBBS 0524]

MAY 2024

Sub. Code :6062

**M.B.B.S. DEGREE EXAMINATION**  
**(For the candidates admitted from the Academic Year 2019-2020)**  
**SECOND PROFESSIONAL – SUPPLEMENTARY (CBME)**  
**PAPER II – PHARMACOLOGY**  
*Q.P. Code: 526062*

**Time: Three hours****Maximum : 100 Marks (80 Theory + 20MCQs)****Answer all the Questions****I. Essay:****(2 x 15 = 30)****(3+8+4)**

1. A 52 year old obese (BMI>28kg/m<sup>2</sup>) individual with type 2 diabetes was on oral hypoglycemic drugs. He was started on insulin therapy recently.
  - a) Classify the type of insulin analogues.
  - b) Discuss in detail about the pharmacological actions, uses and adverse reaction of Insulin.
  - c) Write a note on pharmacotherapy of diabetic Ketoacidosis.

(1+4+10)
2. 60 year old female known diabetic with bronchial asthma treated with steroids, now she has presented with unhealed oral mucosal lesions on hard and soft palate, on examination whitish yellow slightly elevated spots seen.
  - a) What is your probable diagnosis?
  - b) Classify antifungal drugs.
  - c) Write in detail about the mechanism of action, uses and adverse effects of AZOLES in therapy.

**II. Write Short notes on:****(10 x 5 = 50)**

1. Tacrolimus as immunosuppressants.
2. Pyridoxine in pharmacotherapy.
3. Importance of Docusates in Treatment.
4. Superinfections.
5. Mechanism of action, various preparations and uses of Pencillin G.
6. Fondaparinux.
7. Write a note on prolactin inhibitors.
8. Management of extensive drug resistant tuberculosis.
9. Cell cycle M PHASE specific drugs.
10. D-pencillamine.

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