

**QP Code:202001**

**Reg. No.: .....**

**Second Professional MBBS Degree Examinations February 2019**

**Pharmacology- Paper II**

**(Model Question Paper)**

**Time: 2 hrs**

**Max marks: 40**

- **Answer all questions.**
- **Draw diagrams wherever necessary**

**Essays:**

**(2x6=12)**

1. Read the case history and answer the following questions: Ramesh 40 years, is an alcoholic and a smoker. He gives history of nausea, abdominal pain, heart burn, loss of appetite and one episode of haematemesis. Endoscopy confirms peptic ulceration (2+2+1+1)
  - Prescribe a drug for the above condition with dosage schedule
  - Mention its mechanism of action and adverse effects
  - What advice on life style modification should be given to him
  - List two drugs from different groups which can cause peptic ulceration
2. Classify oral hypoglycemic drugs. Mention the mechanism of action, adverse effects and drug interactions of any one drug. Name two drugs which cause hyperglycemia (2+1+1+1+1)

**Short notes:**

**(5x3=15)**

3. Protease inhibitors
4. Cyclophosphamide
5. OCP
6. Newer insulins
7. Fluconazole

**Write the Pharmacological basis for the use of:**

**(3x1=3)**

8. Drug combinations in Tuberculosis
9. Lovastatin in Hypercholesterolemia
10. Clomiphene citrate in Infertility

**Write Two Uses and Two Adverse effects of the following drugs:**

**(3x1=3)**

11. Tetracycline
12. Methotrexate
13. Chloroquine

**Choose the appropriate drug and Justify :**

**(2x1=2)**

14. Dimercaprol / Desferrioxamine in Iron poisoning
15. NSAIDs / Probenecid in acute Gout

**Name the following (Two examples for each)**

**(5x1=5)**

16. Constipation
17. MRSA infection
18. Superficial fungal infection
19. Lepromatous leprosy
20. Typhoid fever

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