

Roll No.

Total No. of Pages : 02

Total No. of Questions : 10

M.Sc. (CLINICAL RESEARCH) (Sem.-3)
ETIOPATHOLOGY & PHARMACOTHERAPY-II

Subject Code : MSCR301-18

M.Code : 76837

Date of Examination : 12-12-22

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains FOUR questions carrying TEN marks each and students have to attempt any THREE questions.**

SECTION-A

1. Write briefly :

- a) Rotavirus
- b) Name two drugs to be avoided during pregnancy.
- c) Write two characteristics of cancer cells.
- d) Pulmonary Hypertension.
- e) Differentiate type I and type II diabetes mellitus.
- f) Osteoarthritis
- g) Etiology of Tuberculosis
- h) Write any two causes of Infertility.
- i) Drugs for UTI
- j) What is Candidiasis?

SECTION-B

2. Discuss the pharmacotherapy of bronchial asthma.
3. Write a note on pathophysiology of diabetes mellitus.
4. Why all drugs cannot be taken during pregnancy and lactation? Discuss about few drugs that are avoided during pregnancy.
5. Discuss briefly about rheumatoid arthritis
6. Elaborate on etiology of COPD.

SECTION-C

7. Explain life cycle of HIV? Discuss the pathophysiology and pharmacological management of AIDS.
8. Classify different types of cancers. Describe in detail cancer chemotherapeutics.
9. Discuss the following :
 - a) Viral infections
 - b) Antifertility drugs
10. Write notes on following :
 - a) Pharmacotherapy of obesity
 - b) Thyroid disorders

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.