



**BBR-M-202111**

Seat No. \_\_\_\_\_

**Third Year D. Pharm Examination**

**July - 2021**

**Medicinal Chemistry**

Time : 3 Hours]

[Total Marks : 70

1 Answer the following : (Any Ten) 2×10=20

- (1) Give two names of thyroids of anti-thyroid drugs with structure.
- (2) What is mean by CADD ?
- (3) Justify : Supplement of Vit. B6 Should be given with INH in T.B.
- (4) Give SAR of dihydropyridines.
- (5) Match "A" with "B"

A	B
Streptomycin	Cephalosporium acremonium
Neomycin	Streptomyces griseus
Chloramphenicol	Streptomyces fradiae
Cephalosproin	Streptomyces aureofaciens

- (6) Give two names of anti-arrhythmic agents with structure.
- (7) Give two examples of anti-coagulant drugs with structure.
- (8) Describe the term diagnostic agents with suitable examples.
- (9) Give two names of cardio selective b-blockers with structure.
- (10) Explain life cycle of malarial parasite.
- (11) Give two names of anti - neoplastic agents with structure.

**2** Answer the questions. (Any Two) **10\*2=20**

- (1) Classify HMG CoA reductase inhibitors in details and discuss SAR of them.
- (2) Classify sulphonamides with suitable examples. Explain SAR of Penicillin, Cephalosporin and Sulphonamides.
- (3) Give SAR of Adrenocorticoids Explain SAR of fluoroquinolones.

**3** Answer the questions. (Any Six) **5\*6=30**

- (1) Write an informative note on anti-anginal drugs. Write synthesis of Isosorbide dinitrate.
  - (2) Classify anti-mycobacterial agents. Write a note on anti-TB.
  - (3) Write an informative note on Qualitative Structure Activity Relationship.
  - (4) Give SAR of antibiotic which is not taken with milk.
  - (5) Classify anti-diabetic drugs with suitable structure.
  - (6) Explain SAR of thiazide diuretic in detail. Give SAR of estrogen.
  - (7) Give SAR of ACE inhibitors. Give synthesis of Clofibrate.
  - (8) Define and classify anti-viral agents with suitable examples.
  - (9) Write a note on agents used to treat mycosis.
  - (10) Write a note on anthelmintic agents and give synthesis of albendazole.
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