

Total No. of Questions : 4]

SEAT No. :

P3976

[Total No. of Pages : 1

[5246]-204

M. Pharmacy (Pharmaceutical Chemistry)
ADVANCED MEDICAL CHEMISTRY
(2013 Pattern) (Semester - II) (Theory)

Time : 3 Hours]

[Max. Marks : 50

Instructions to the candidates :

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) What is enzyme immobilization? Explain enzyme immobilization techniques. **[10]**

Q2) Attempt any three questions from following : **[15]**

- a) Highlight GABA receptor and its ligands
- b) Comment on histamine receptors and its ligands.
- c) Explain target sites for antimalarial drug development.
- d) Write synthetic scheme and reaction mechanism for synthesis of Alprazolam.

Q3) Write short notes (any three) : **[15]**

- a) RTIs
- b) Monoclonal antibodies.
- c) Oral hypoglycemic agents
- d) CNS depressants

Q4) Describe biomolecules and their significance. **[10]**

OR

Write in detail about Anti-mycobacterial agents.

