



P-1612030701020300 Seat No. _____
Master of Pharmacy Management (Sem. II)
(CBCS) Examination
July - 2018
Pharmaceutical Chemistry - II
(Organic Chemistry - I)

Time : 3 Hours]

[Total Marks : 80

Instructions :

- (1) Attempt three questions from each section.
- (2) Questions 1 and 5 are compulsory.
- (3) Figure to the right indicates full marks for the respective question.

SECTION - I

- | | | |
|----------|--|-----------|
| 1 | Explain the following terms : (any seven) | 14 |
| | <ol style="list-style-type: none">(1) Orbital(2) Electrophile(3) Hyperconjugation(4) Resonance(5) Carbanion(6) Homolysis(7) Aromaticity(8) Markonikov rule(9) Electronegativity(10) Asymmetrical ether. | |
| 2 | (A) Enumerate various methods of nitrogen estimation.
Explain any one in detail. | 7 |
| | (B) Differentiate between E2 and E1 mechanism of elimination with example. | 6 |
| 3 | (1) Explain reaction with mechanism which involves carbene formation. | 7 |
| | (2) What are reactive intermediates of carbon? Describe any one in detail. | 6 |

