

Roll No.

Y- 3140 (A)
M. Sc. (Fourth Semester) (SPECIAL) EXAMINATION, August 2021
[SECOND CHANCE]
CHEMISTRY
PAPER—MCH—605
Chemistry of Natural Products
Time : Three Hours

Maximum Marks : 85

Minimum Pass Marks : 29

Note—Attempt *all* questions.

1. Explain synthesis and structure determination of B-Carotene. 17
2. Explain any *one* of the following— 17
 - (i) Ephedrine (+)
 - (ii) Coniine
3. Write notes on the following— 17
 - (i) Andosterone
 - (ii) Testosterones
4. Write notes on the following pigments— 17
 - (i) Cyanidin
 - (ii) Azure urine
5. Write synthesis of the following— 17
 - (i) PGEZ
 - (ii) PGF-2a