

UNIVERSITY OF CALCUTTA

FAKIR CHAND COLLEGE

B.SC. PART-I (HONS.) SUPPLEMENTARY EXAMINATION : 2020

CMSA-PAPER : II A

F.M. : 50

TIME : 2 Hrs

1. Answer any four questions :

4 X 5 = 20

- a) What is system software?
- b) Define loader?
- c) What is compiler?
- d) What is Operating System?
- e) Define multiprogramming OS?
- f) Define array .
- g) Define data types.
- h) What is recursion?

2. Answer any two questions :

2 X 15 = 30

- a) Distinguish between compiler and interpreter.
- b) Explain Resource-Allocation Graph in OS.
- c) State differences between singly and doubly linked list.
- d) Write the algorithm of infix to postfix conversion in data structure.