

UNIVERSITY OF CALCUTTA

FAKIR CHAND COLLEGE

B.SC. PART-II (GEN.) SUPPLEMENTARY EXAMINATION : 2020

CMSG - PAPER : II (Elective -1)

F.M. : 50

TIME : 2 Hrs

1. Answer any four questions :

4 X 5 = 20

- a) What is the features of Stack?
- b) What is the differences between iteration and recursion procedure?
- c) What is criteria for Binary search procedure?
- d) Write advantages of spiral model.
- e) What is unit testing ?
- f) Define DBA.
- g) What is SQL?
- h) What is primary key?

2. Answer any two questions :

2 X 15 = 30

- a) Write down the algorithm of infix to postfix expression conversion.
- b) Write down the algorithm of Bubble sort.
- c) Mention different phases of waterfall model.
- d) Describe three level architecture in DBMS with diagram.