UNIVERSITY OF CALCUTTA

FAKIR CHAND COLLEGE
B.SC. SEM-IV (Gen) EXAMINATION : 2020
PAPER : CMSG-CC4.1

F.M. -50 (10 + 25 + 15)   Time- 2 hrs

(Internal Assessment)

F.M.-10

1. **Answer any two Questions :**   2 X 5 = 10
    a)   State the functions of Operating System.
    b)   What is multiprogramming ?
    c)   Define cpu scheduling.

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(Theory Examination)

F.M.-25

1. **Answer any five questions :**   5 X 5 = 25
   a) What is a process ?
   b) Distinguish between multiprogramming and multitasking.
   c) What are system calls?
   d) What are the advantages of batchprocessing?
   e) What is long term scheduling ?
   f) What are the advantages of round robin algorithm ?
   g) What is deadlock?

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(Practical Examination)

F.M.-15

3 X 5 = 15

1. a) What is the difference between Linux and Unix?

   b) Mention all types of file permission in Linux.

   c) Write function of grep command.