UNIVERSITY OF CALCUTTA

FAKIR CHAND COLLEGE
B.SC. SEM-IV (Gen) EXAMINATION : 2020
PAPER : CMSG-CC4.2

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

(Internal Assessment)

F.M.-10

1. **Answer any two Questions :**   2 X 5 = 10
    a)   state the types of Operating System.
    b)   What is distributed OS?
    c)   Define multiprocessing.

(Theory Examination)

F.M.-25

1. Answer any five questions :   5 X 5 = 25

a) What is semaphore ?

b) Distinguish between multiprogramming and multitasking.

c) What are short term and long term cpu scheduling?

d) What are the advantages of SJF OS algorithm?

e) What is thread ?

f) What are the advantages of paging ?

g) What is memory allocation?

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(Practical Examination)

F.M.-15

3 X 5 = 15

1. a) What is Linux ?

    b) What is Linux kernel ?

    c) Write function of grep command.