Accurate Institute of Management and Technology, Greater Nedicla. MCA 1st year, 2nd Simeiter.

OL Attempt all questions. (5x2=10 Marks).

a) Why communication of processes is important?

b) From: 90 min.

5x2=10 Marks).

b) Explain warking of fork() system (all.

c) In what way child processes are dependent on parent processes.

d) what is coscading termination? Explain Race Constition

e) what is concurrancy? Explain contrad dection

(4x3=12 Marks).

Attempt any four questions (what is the difference between lock variable of Testand Let Instruction!

What is Bounded Buffer Problem?

Communication? Explain. c)

What is Dining philespher problem?

Explain Peterson's Solution. what on the important

Conditions for Critical Section problem's Solution! SECTIONC 93 Attempt any two Ourteons (2x4=8 Marcs). e) Explain Réaders uniters problem, with Solution. b) Explain Semaphare and its types. c) Explain sleeping Barber's problem. if Expedience washing of forker system rate. paret printege descess and characters of printeges in the first for the properties & Experience of the Someth is consisted explained to the second of together the plant for puritions (coxy is in it). what is the obligation butmine look in the Les Marches of Freshord from Committee of the Committee o which is fire doctor to place the terms the men of the second of the s for the second winds the desired to the second