

No. of Printed Pages : 05

Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 33227

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B. Tech. Examination 2021-22**(Even Semester)****ADVANCED COMPUTER ARCHITECTURE***Time : Three Hours]**[Maximum Marks : 60***Note :-** Attempt all questions.**SECTION - A**

1. Attempt all parts of the following : 8 × 1 = 8
- (a) Draw the block diagram of shared memory architecture.
 - (b) What is the Bernstein conditions in context to parallelism and dependence relations?
 - (c) What is pipelining?
 - (d) Define cluster computers.
 - (e) Define HIT ratio.

[P. T. O.