

Sl. No. : 480

BCA 3401

No. of Printed Pages : 04

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

PAPER ID : 21116

Roll
No.

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B. C. A. Examination 2021-22

(Even Semester)

UNIX & SHELL PROGRAMMING

Time : Three Hours/

/Maximum Marks : 60

Note :- Attempt all questions.

SECTION-A

1. Attempt all parts of the following: $1 \times 8 = 8$

- (a) Describe internal commands in Unix.
- (b) What are the roles of kernel in Unix?
- (c) What are the roles of shell in Unix?
- (d) Describe the system calls in Unix.
- (e) What are filters?

I.P.T.O.