Roll	No.		
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Total No. of Questions: 11

[Total No. of Printed Pages : 3

BC-284

BCA (Part-II) Examination, 2022 OPERATING SYSTEM

Paper - BCA-202

Time: 3 Hours [Maximum Marks: 70

Section–A (Marks : $2 \times 10 = 20$)

Note: Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

Section–B (Marks : $4 \times 5 = 20$)

Note: Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **4** marks.

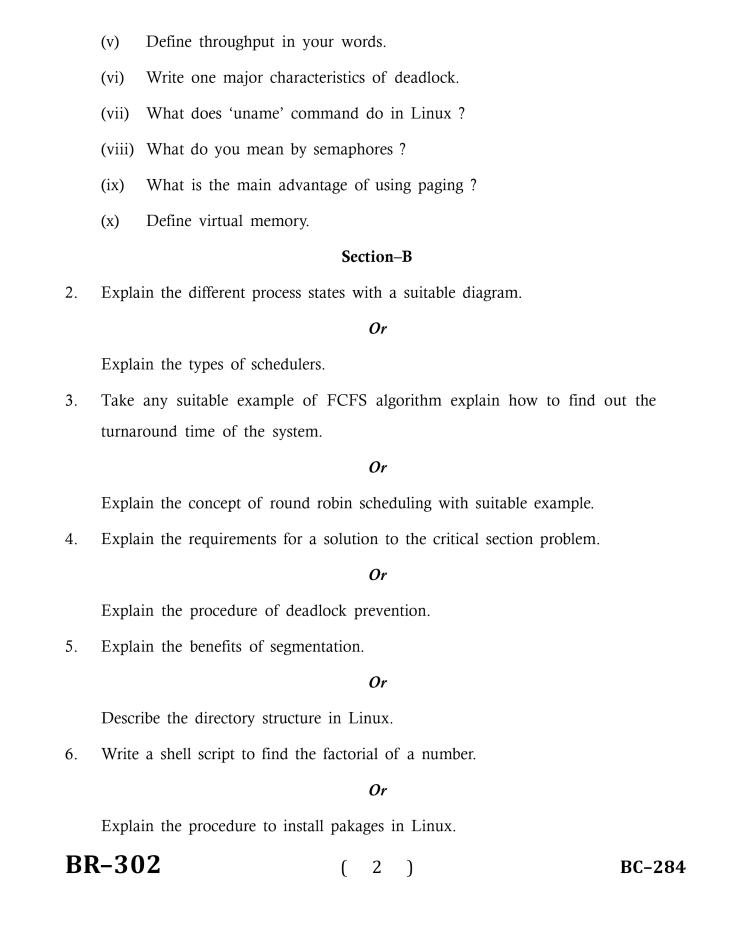
Section–C (Marks : $10 \times 3 = 30$)

Note: Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

Section-A

- 1. (i) What do you mean by Threads?
 - (ii) Define Context Switch.
 - (iii) Define shell variables.
 - (iv) Write one major difference between pre-emptive scheduling and non-preemptive scheduling.

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Section-C

7	Explain	the	1avered	structure	of an	Operating	System
<i>'</i> .	Lapium	LIIC	ia y ci ca	structure	or an	Operating	Dystelli.

- 8. Describe the following:
 - (a) Response Time
 - (b) MLQ Scheduling
- 9. Explain the Banker's algorithm using suitable example.
- 10. Describe the page replacement technique, FIFO with suitable illustration.
- 11. Explain the following commands:
 - (a) chmod
 - (b) apt
 - (c) man
 - (d) expr