4008-02 Total Pages : 8
Degree (Part-I) Examination, 2023
(Vocational)
BCA
[Paper : Second]
[PPU-D-I(H)-BCA-2]
Time : Three Hours] [Maximum Marks : 75

- Note : Candidates are required to give their answers in their own words as far as practicable. Attempt **any five** questions in **all**. **All** questions are of **equal** value. **Question No. 1** is **compulsory**.
- 1. Choose the correct answer from the following :
 - (i) In OS, which of the following is/are CPU scheduling algorithms ?
 - (a) Priority
 - (b) Round Robin
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(1)





	(c) Shortest Job First	(iv) Transient OS code is a code that
(ii) (iii)	(d) All of the above	(a) Stays in the memory always
	To access the services of the OS, the interf _{ace} is provided by the	(b) Never enters the memory space
	(a) Library	(c) Comes and goes as needed
	(b) System Calls	(d) None of these
	(c) Assembly Language	(v) The FCFS algorithm is particularly troublesome for
	(d) API .	(a) Operating Systems
	If a process fails, most OS write the error information to a	(b) Multiprocessor Systems
	(a) new file	(c) Time Sharing Systems
	(b) another running process	(d) Multiprogramming Systems
8	(c) log file	(vi) Can you use a #DEFINE on a FoxPro keyword ?
	(d) None of these	(a) Yes
4008-02/2750	0 (2)	(b) Yes, but the redefinition is ignored
		4008-02/2750 (3) [P.T.O.]
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(vii) (viii)	(c)	Νο	(ix)	Extension of a program file in FoxPro :
	(d)	None of these		(a) .DBC
		n file is used to write the different types _{of} ro program ?	e	(b) .PRG (c) .lbx
	(a)	Report file		(d) None of these
	(b)	Lable file	(X)	For sorting the data, we use
	(çY	Program file		(a) Index
	(d)	Index file		(b) Sort
	Exter	nsion of a database table file is		(c) Index and Sort
	(a)	.WK4	-	All of the above
	_(b)	.DBF	2. (a)	Explain various components of Operating Systems.
	(c)	.DBC	(b)	Write difference between Multi-tasking and
	(d)	.FDP	(-)	Multi-processing Operating Systems.
4008-02/275	0	(4)	4008-02/2750	(5) [P.T.O.]





What is File System ? Explain File Management.



What is UNIX-OS ? Write some important characteristics of UNIX-OS.

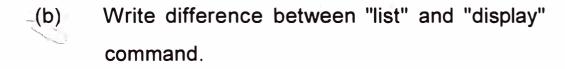
Explain System Life Cycle with difference stages.



What is Process ? Explain Process Management.



What is Database ? Explain the advantages of Database Management System.



- 6. (a) Write command and step to create a table "student" with structure "studentid", "name", "gender", "course" and "fee" and save record.
 - (b) What is Sort ? Write its advantages and disadvantages.
- 7. (a) Explain ?, ?? and ??? commands with suitable example.
 - (b) What is Indexing? Write advantages of Indexing.

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Explain the following FoxPro commands :

(a) Edit

8.

- (b) Goto
- (c) Recall
- (d) Pack
- g (a) What is "Modify Commands" ? Explain use of this command in FoxPro with example.
 - (b) Write a FoxPro program to take two numbers and perform all arithmetical operations.
- 10. (a) Explain Conditioning Branching statement of FoxPro with suitable example.

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(b) Write a FoxPro program to take day number of week and display name of day.

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