

2011

Full Marks : 75

Time : 3 hours

The questions are of equal value

Answer Five questions including question 1

Which is compulsory

1. Choose the correct answers :

(a) The OS that allows only one program to run at a time is

- (i) batch processing
- (ii) real time
- (iii) multitasking
- (iv) None of these

(b) The directory structure used in Windows is

- (i) hierarchical
- (ii) flat
- (iii) both (i) and (ii)
- (iv) None of these

(c) An imaginary memory supported by the OS in conjunction with secondary memory is

- (i) cache memory
- (ii) primary memory
- (iii) virtual memory
- (iv) None of these

(d) Which one is not an OS?

- (i) Windows
- (ii) Oracle
- (iii) Linux
- (iv) CP / M

(e) To remove a directory the command is

- (i) RD
- (ii) CD
- (iii) BD
- (iv) DEL

(f) _____ is an interface between user and computer.

- (i) Compiler
- (ii) Device driver
- (iii) OS
- (iv) None of these

(g) Maximum size of character field in FoxPro is

- (i) 254
- (ii) 256
- (iii) 128
- (v) 32

(h) The command used to add new record in the current database File is

- (i) add
- (ii) append
- (iii) create
- (v) None of these

(i) To remove all records from the current database file the most Appropriate command is

- (i) pack
- (ii) delete all
- (iii) ZAP
- (v) delete file

(j) The symbol used to mark a record for deletion is

- (i) #
- (ii) *
- (iii) \$
- (iv) None of these

2. What do you mean by OS? Discuss the different types of OS. Also Explain the function of an OS.

3. **Discuss process management. Also discuss the life cycle of a process.**
4. **Discuss memory management. In detail. Also life discuss paging.**
5. **Explain the following DOS commands :**
 - (a) **Format**
 - (b) **Edit**
 - (c) **Del tree**
 - (d) **Copy**
 - (e) **Undelete.**
6. **What is Unix OS? What are the advantages of using Unix OS over Other OS ?**
7. **Discuss the features of FoxPro. What are the data types available in FoxPro? Discuss and illustrate with example how to create and sort employees database using necessary commands.**
8. **(a) Write a program in FoxPro to print the sum of odd nos. till n.**
(b) Write a program in FoxPro to calculate compound interest.
9. **Explain the following FoxPro commands :**
 - (a) **Pack**
 - (b) **Browse**
 - (c) **Modify Structure**
 - (d) **Copy**
 - (e) **ZAP.**
10. **Write notes on any three of the following :**
 - (a) **Scheduling**
 - (b) **File management**
 - (c) **BIOS**
 - (d) **Task loader**
 - (e) **Multiuser OS.**
