Model Viva Questions for "**DBMS -1 Lab**"
Branch : **CSE III SEM**

Title of the Practical:To create database file for some common operation.

(a)   Create (b) list (c) Append (d) close (e) quit

Q1.what is a Database File?
A1. when information is stored in a computer file using a database management system such as Foxpro the
   File is called a database file.
Q2. which command to used clear the screen to remove the foxpro sign-on message?
A2. Clear

Q3. which command used to removes trailing blanks from a fields contents.
A3. Trim

Q4. Which command used to saves all newly edited data and returns to dot prompt.
A4. TAB W

Q5. Which command used to create a new database file?
A5. CREATE

Q6. Which command used to display all list of record?
A6. LIST

Q7. Which command used to add records to a database file?
A7. APPEND

Q8. Which command used to close the database file ?
A8. CLOSE

Q9. Which command used to exit the database file?
A9. QUIT

Q10.Can you tell data types of foxpro?
A10. Numeric . float , date , logical, memo.

Title of the Practical: To using viewing and editing data for following commands.

(a) Display (b) list (c) locate (d) edit (e) change (f) browse (g) Replace (h) delete (i) recall (j) pack

Q1. Which command used to permanently deletes records marked for deletion from the database.
A1. PACK

Q2.Which command used to displaying records of database file?
A2. DISPLAY

Q3. Which command used to display all list of records?
A3. LIST

Q4. Which command used to display finds a records with a particular characteristics?
A4. LOCATE

Q5. Which command used to displaying existing data in a records and allows to   change its contents?
A5. EDIT

Q6.Which command used to change a specific field in a database file?
A6. CHANGE

Q7. Which command used to display a screenfull and make change to the datadase?
A7.BROWSE

Q8. Which command used to   changes the current contents of a field with new data?
A8. REPLACE

Q9. Which command used to remove the record in database file?
A9. DELETE

Q10. Which command used to brings back record marked for deletion   in the database file?
A10. RECALL

Title of the Practical To create a database address.dbf using indexing and sorting command.

Q1.Which command to used rearranges records on a database into sorted order?
A1. SORT

Q2. What is indexing?
A2. Indexing a database creates an indexfile.

Q3.Can you tell sorting example in our daily life?
A3. Telephone directory or dictionary.

Q4. Can you write sorting example of Sort command?
A4. SORT ON NAME TO NAMELIST.

Q5. What is sorting?
A5. Sorting information means to group, arrange or classify it in some known order.

Q6. How to save the sorted file in some other directory or drive, specify it with the sort filename?
A6.SORT ON NAME TO A:NAMELIST
    SORT ON NAME TO D:\REPORT\NAME LIST

Q7. What do you mean by sorting in descending order?
A7. To sort a file in the descending order , suffix "/D" to the sort field name.

Q8. Which command to used recreates all active index files?
A8. REINDEX.

Q9. Can you tell example of sorting in descending order?
A9. USE ADDRESS
      SORT ON NAME/D TO NAME_DES.

Q10. Which command can help to find information with the help of index file way efficiently?
A10. Find and Seek command.

Title of the Practical .Practical on time, date function and its commands.

Q1.Which function to used display the   current system time ?
A1.?TIME()

Q2. Which command to used display the system clock on the screen?
A2. SET CLOCK ON.

Q3. Which function returns the DOS system ?
A3. ?DATE()

Q4.Which function returns the numeric day value from a date expression?
A4.?DAY()

Q5.Which function   retrieves the numeric value of the month from any date expression?
A5. ?MONTH(CURRENT)

Q6.Which function returns the name of month (as character expression) from any date expression?
A6.? CMONTH()

Q7. Which function returns the numeric year from a date expression ?
A7. ? YEAR(CURRENT)

Q8. Which function returns the name of a day from the specified date- type expression?
A8. ?CDOW(CURRENT)

Q9.Which command specifies a delimiter to be used in the display of date expressions?
A9. SET MARK TO "_"

Q10. Which function returns a number corresponding to the day of week from the specified date-type expression?
A10. ?DOW(CURRENT)

Title of the Practical .Practical on function keys.

Q1.Which action is perform by function key F1?
A1. For HELP

Q2. Which action is perform by function key F2?
A2.For SET

Q3. Which action is perform by function key F3?
A3. For LIST

Q4.Which action is perform by function key F4?`
A4.For DIR (directory)
Q5. Which action is perform by function key F5?
A5. For Display Structure

Q6.Which action is perform by function key F6?
A6. For Display Status

Q7. Which action is perform by function key F7?.
A7. For Display memory

Q8. Which action is perform by function key F8?
A8. For Display

Q9.Which action is perform by function key F9?
A9. For Append

Q10. Which action is perform by function key F10?
A10. For invokes Menu.

Title of the Practical .Practical on mathematical functions.

Q1. Which function returns the square roots of a positive numeric expression?
A1. ?SQRT( )

Q2. Which functions to calculate logarithm of a positive numeric expression?
A2. ?LOG( ) AND ?LOG10( )

Q3.Which function returns the integer part of a numeric expression ?
A3. ?INT(NUM)

Q4. Which function returns the absolute value of a numeric expression?
A4. ?ABS(NUM)

Q5.Which function returns the expression with the lowest value ?
A5. ?MIN()

Q6. Which function returns the expression with the highest value ?
A5. ?MAX( )

A6.Which function determines if the value of an expression lies between the values of two other expressions of the same date type?
A6. ?BETWEEN( )

Q7.Which function returns the remainder from a division of two number?
A7. ?MOD( )

Q8. Which function returns the numeric value of 1, -1 or depending on the sign of a numeric expression?
A8. ?SIGN( )

Q9. Which function returns the length of a specified character expression?
A9. ?LEN( )

Q10.Which functions round off the numeric expression to the specified number of decimal places?
A10. ?ROUND( )

Title of the Practical .Write a program to display address labels using DO WHILE……………END DO.

Q1. What is looping ?
A1. A set of commands repeatedly through a concept called looping.

Q2. What is log()?
A2. Log() return the natural logarithm of the specified numeric expression.

Q3. What is Trim()?
A3. The Trim() function that removes all trailing blanks from a character expression.

Q4. What is Skip?
A4. Skip selects the next record in current database file.

Q5. Which function returns true (.T.) when the record pointer goes beyond the last record of the database?
A5. EOF().

Q6. Which condition clause can be joined with DO WHILE?
A6. .AND. .OR. .NOT.

Q7. Can you write example of condition clause with DO WHILE?
A7. DO WHILE CITY = "New Delhi" .AND. PIN = "110021".

Q8. Write the example of DO WHILE………END DO.?
A8. STORE 100 TO NUMBER
     DO WHILE NUMBER<111
     ?LOG (NUMBER)
     NUMBER = NUMBER +1
     END DO

Q9. What is DO WHILE………END DO.?
A9. It is very powerful and flexible set of command used to execute a set of command repeatedly.

Q10. Which keyword used to press directly invoke the Do program file dialog box?
A10. TAB D.

Title of the Practical .Write a program to maintain the address.dbf database file.

Q1. Which commands displays a specified message on the screen and the user response in a specified variable?
A1. ACCEPT , INPUT and WAIT.

Q2. which Function converts a character   expression to upper case?
A2. UPPER().

Q3. What is Exit ?
A3. Unconditionally   exits from the programming structure.

Q4. What is program file?
A4. A program file contains a series   of command?

Q5. How to creating a program file?
A5. Two ways to create a program file.
    (a) use the foxpro menu system.
    (b) Using modify command.

Q6. How to create a file through foxpro menu system?
 A6.(a) Invoke the foxpro menu and   select file, new.
     (b) from the list   of file types , select program and then select the ok push button.

Q7. What the extension name of program file?
A7. ".PRG"

Q8. How to save the file after   have entered the command?
A8. (a) select file, save from the foxpro menu system.
     (b).Press TAB W.

Q9. What is DO CASE – END CASE loop?
A9. The DO CASE – END CASE structure allow to select one set of command from several alternatives.

Q10. Are   program file or command file same?
A10. Yes

Title of the Practical .To creating relation database through following commands.
(a) Update (b) Append (c) Copy To

Q1. What is Multiple database file?
A1. In multiple database files the data to be stored in a database file is divided into more than one database files.

Q2. What is work area?
A2. Foxpro can open multiple database file if open them in different work area?

Q3. What is Relation?
A3. One database file link to another database file that is called relation.

Q4.What is multiple relation ?
A4. The first file is linked to the second file on a common field .then the second file is linked to a third file.

Q5. What is cascading relations?
A5. The linking field in these two relations may be the same or different. This is also called cascading relations.

Q6. Can you write a example of multiple relation ?
A6. SELECT 1
      USE MASTER
      SELECT 2
     USE LOANS ORDER CODE
     SELECT 1
     SET RELATION TO CODE INTO LOANS

     SELECT 3
     USE PAYMENT ORDER LOAN_CODE

Q7. Write the example of Update command?
        . SELECT 1
         USE MASTER ORDER CODE
         SELECT 2
         USE DEPOSIT ORDER CODE

       ` Used update command
           . SELECT 1
        UPDATE ON CODE FROM DEPOSITS REPLACE GR_DEPOSIT WITH GR_DEPOSIT+DEPOSITS->
AMOUNT.

Q8. Write the example of Append command.
A8. USE MASTER
     APPEND FROM A: MASTER1
     APPEND FROM 1 FOR PIN = "10021" .OR. CODE> "1300.

Q9. Write the example of COPY TO command.
A9. USE MASTER
      COPY TO A: SAMPLE
      COPY TO MASTER 2 FOR CODE < "1260"
     COPY TO MASTER 3 FIELDS CODE, NAME , ADDRESS.

Q10. Are work area or select area same?

A10. Yes.

Title of the Practical .Practical on relational database using following commands.

(a)@ (b). @_GET . (C) @_EDIT

Q1. Explain @ command?

A1. @ command can be used to display any kind of data , such as a field, memory variable or array,result of function.

Q2. Which command used to input data field, memory variable or array element?

A2. @_GET

Q3. Which command used only with the character field of variable or a memo field ?

A3. @_EDIT

Q4. Which function used with @......GET converts the entered characters to uppercase?

A4. FUNCTION "!"

Q5. Which clause use to validate the data entered with @..........GET?

A5. VALID

Q6. What keyword press when read cycle is used to enter data in @........GET variable to exit READ?

A6. TAB end, TAB w and ESC

Q7. Which keyword press to select all screen object?

A7. TAB A

Q8. What the extension of screen file?

A8. .SPR

Q9. Which command can be used to design a custom screen for a database file/

A9. @........SAY………GET.

Q10. Which command can remove leading and trailing blanks from a character data while displaying it?

A10. @........SAY.