PPT: Class Test-4: Date:08/05/2018

1. Which of the following exchanges the contents in memory location X and Y?

a. Move x to y

Move y to x

b. Move x to temp

Move y to x

Move temp to y

2. What values a Boolean filed (variable) can have

1. Any vale
2. Only textual data
3. Either true or false
4. Only numeric value

3 which of the following operation or operations can be used in Boolean algebra

1. NEITHER
2. AND
3. OR
4. NOT

4. Whitch of the following is or are Boolean operations

1. NEITHER
2. AND
3. OR
4. NOT

5. Say a=5 b=9

Now consider the Boolean expression **NOT(a<b**)

This expression evaluates to

1. True
2. False

6 consider the Boolean expression a and b or not c

Which operation evaluated first

1. And
2. Or
3. Not
4. From left to right as written

7. Two Boolean expression are equivalent

1. When they have the same values for all combinations of condition
2. When they have the same values for any one combination of conditions

8. Which of the following is compound condition?

1. More one conditions used in the same subroutine
2. More then one conditions that are logically related
3. More then one condition that are combined using Boolean operators
4. None of the above

9. Which of the following is or are true about a condition

a. It is used to control sub modules from the main  in a program

b. It is used t                                                o control a loop

c. It is used to select form among two alternatives for processing

d. It is used to display output of a program

10. Which of the following best describes an error routine?

a. Instructions that prevent errors to occur

b. Instructions that cause errors

c. Instruction that are executed when an error is encountered during processing

d. A subroutine that has erroneous instructions

11. When an error of the problem and is encountered what possible can you do, depending on the nature of the problem and the type of processing being done?

1. Display an error message and try to correct the problem
2. Display an error message and terminate processing immediate.
3. Display an error message and wait for the operator to take some collective action
4. Make a record of the error so that it can be corrected later and then continue processing erroneous record.

12. Which of the following is or are used as input editing techniques?

1. Desk checking
2. Sequence checking
3. Restricted value test
4. Counter technique

13. In batch a process where data is stored on a key field(or field ) which type of input editing technique is useful?

1. Desk checking
2. Sequence checking
3. Restricted value test
4. Counter technique

14. When counter technique can be used ?

A. In batch processing where data is storeed on a key field

B. When number of data record to be read be known in advance

C. When number of data is over 10000

D. When data is very few.

1. Today in developing a program, major emphasis is given on which aspects?
   * 1. Efficient algorithms and techniques to save computer time and memory.
     2. Easily understood logic
     3. Easy maintenance
     4. Low usage of costly disk space.
2. Which of the following the term structured programming refers to?
   * 1. A collection of techniques to follow for program developing.
     2. A collection of library code to help programming.
     3. A collection hardware for fast programming
     4. A collection of efficient logic
3. The main transfers controls to a sub module to perform a task. What happens when the sub module has completed its task?
   * 1. The sub module closes the program
     2. The sub module returns control to the main module
     3. The sub module waits idly for the main take the control task
     4. The sub module transfers control the underlying operating system.
4. Which type of subroutines is frequently used for complex processing that is needed by many users, such as mathematical or statically routines or the sorting the files.
   * 1. Internal
     2. External.
5. The top down approach is a useful technique in
   * 1. Planning a modular programming
     2. Writing a smart program code
     3. A object oriented programming
     4. Report writing
6. What do we do to identify a module?
   * 1. A module is given a abbreviated name
     2. A module is given a name which reflects what the module does and a number is included with name
     3. A module is given name with a special prefix
     4. None of the above.
7. A structure chart is a commonly used planning tool in
   * 1. Top-down programming
     2. Object oriented programming
     3. Procedural programming
     4. Data processing
8. Find out the following logic patterns or structures are identified as sufficient for any structured programming?
   * 1. The sequence structure
     2. The loop structure
     3. The selection structure
     4. Control structure
9. EOF means
   * 1. There is no record in the file
     2. The file does not exits
     3. The file is not accessible
     4. The file can not be created
10. In modular programming, the program is broken down into
    * 1. Files
      2. Projects
      3. Instructions
      4. Modules
11. Module programming is implemented by
    * 1. Subroutine
      2. instruction
      3. Source programs
      4. Machine code
12. Which one is the definition of a subroutine?
    * 1. A group of instructions that performs a limited processing task.
      2. A file that contains a group of instructions that performs a limited processing task.
      3. A group of instructions that performs a total processing task.
      4. None.

25. A collection of techniques for planning and writing of program that increases programmer productivity is\_\_\_\_\_\_\_\_\_\_\_\_\_

* + 1. Modular programming
    2. Procedural programming
    3. Structural programming
    4. Functional programming

1. Which of the following are related to structured programming?
   * 1. Top-down programming
     2. Use of control structures-loop,selection,sequence.
     3. Functionl programming
     4. OOP
2. In modular programming, a pieces of program that performs a single limited function is known as which of the following?
   * 1. A class
     2. A module
     3. A loop
     4. A sequence
3. The likelihood of error in a small and limited purpose serving module is reduced .
   * 1. Because each module is written by an individual team.
     2. Because it is commented well while coding
     3. Because the propose and size of each module is limited.
     4. All of the above.
4. A printed line that contains information about a single entity is which of the following?
   * 1. Group indication
     2. Heading line
     3. Detail line
     4. Printed line

30.The subroutine that is part of the program that uses is\_\_\_\_\_\_\_\_

* + 1. An internal subroutine
    2. An external subroutine
    3. None

31.After a subroutine has finished its work what will happen?

* + 1. The program end
    2. Control is returned transferred to the caller of the subroutine
    3. Control is transferred to the exit routine
    4. None

32.which one is register

* + 1. A special purpose hardware
    2. A special purpose software
    3. A special purpose memory device
    4. None

33.The instructions that transfers control to the subroutine and back a join are commonly known as\_\_\_\_\_\_\_\_\_\_\_

* + 1. Call instruction
    2. Return instruction
    3. Call and return instructions
    4. Any of the three.

34. The transfer of control to the subroutine and return control back is possible because

* 1. The location of the instruction to which control is to return is stored in program
  2. The location of the instruction to which control is to return is stored in memory
  3. The location of the instruction to which control is to return is stored in register
  4. None

35.a set of instructions for performing a particular task that can be used by any program as the instructions reside in a library that is external to the using program is\_\_\_\_\_\_\_\_\_\_

* 1. Internal Subroution
  2. External Subroutine 3. Module

4. None.

36.In this technique we define the main program module,which initiated the program call other modules and then terminals.what technique is this?

* 1. Modular programming
  2. Top down programming
  3. Bottom-up programming
  4. None

1. Structure chart is planning tools used in \_\_\_\_\_\_
   1. Modular programming
   2. Top down programming
   3. Bottom-up programming
   4. None
2. Which of the following is/are true for structure chart?
   1. It does not show the exact processing steps
   2. It does not show what modules will be called under what condition
   3. It does not show function to perform

It does not show relationship between modules.

1. Reading of first record in a file prior to entering a loop that is executed until

EOF is reached is known as \_\_\_\_\_\_\_\_\_

* 1. Priming read
  2. Active read
  3. Data read
  4. Read record

1. Pseducode is
   1. Language dependent
   2. Language independent
   3. Flowcharting tool 4. .net compilation language.