



# CBCS SCHEME

21CV382

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Question Paper Version : A

## Third Semester B.E. Degree Examination, June/July 2023 Microsoft Excel & Visual Basic for Application

Time: 1 hr.]

[Max. Marks: 50

### INSTRUCTIONS TO THE CANDIDATES

1. Answer all the **fifty** questions, each question carries one mark.
2. Use only **Black ball point pen** for writing / darkening the circles.
3. **For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the OMR sheet.**
4. Darkening two circles for the same question makes the answer invalid.
5. **Damaging/overwriting, using whiteners** on the **OMR** sheets are strictly prohibited.

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1. Which bar show the used formula of selected active cell?
    - a) Formula bar
    - b) Ribbon
    - c) Menu bar
    - d) Scroll bar
  2. Excel documents are stored as files called,
    - a) Workgroups
    - b) Worktables
    - c) Worksheets
    - d) Workforce
  3. Formulas in Excel are made up of           
    - a) Arithmetical operators and functions
    - b) Only arithmetic operators
    - c) Only symbol
    - d) Only functions
  4.            is the intersection of a row with a column.
    - a) Cell
    - b) Row
    - c) Column
    - d) All of these
  5. #VALUE! Refers to
    - a) Font value
    - b) Error in value
    - c) Subscript of the number value
    - d) Addition of value
  6. Pre-defined and built in formulas in Excel are known as,
    - a) Autosheets
    - b) Charts
    - c) Functions
    - d) Tables
  7. Which of the following function used to adds the values in the function argument or the values in the all reference in the argument?
    - a) ADD
    - b) SUM
    - c) TOTAL
    - d) LIST

8. Press the \_\_\_\_\_ key to move the intersection point to the first cell in a row in Excel.  
a) Page Up                      b) Page Down                      c) Home                      d) Tab
9. By default the cell content alignment is \_\_\_\_\_.  
a) Text left aligned and number right alignment.  
b) Text right aligned and number left alignment.  
c) Left aligned  
d) Centrally aligned.
10. A pie chart can only be based on one data series,  
a) True                      b) False
11. VBA supports through class module.  
a) Object Oriented Programming System (OOPS)  
b) Procedural programming  
c) Functional programming  
d) Property based model
12. VBA has a coding, compilation, running and debugging environment called,  
a) Integrated Development Environment (IDE)  
b) Editor  
c) Highlighter  
d) Compiler
13. Choose the result of the following VBA expression :  
X = "Hi, "+" how are you?"  
a) "how are you, Hi?"  
b) "Hi; how are you".  
c) "Hi, how are you?"  
d) "Hi?"
14. VBA supports \_\_\_\_\_ keyword for access control.  
a) Private                      b) Public                      c) both (a) and (b)                      d) None of these
15. A subroutine begins with \_\_\_\_\_ keywords.  
a) Function                      b) End Function                      c) Return                      d) Sub
16. Subroutine are otherwise called \_\_\_\_\_  
a) Procedures                      b) Conditions                      c) loops                      d) none of them
17. A breakpoint may be inserted using \_\_\_\_\_  
a) a click on the margin to the left of a line.  
b) pressing F9 when cursor is in the line  
c) both (a) and (b)  
d) neither (a) nor (b)
18. After program stops due to error or break-point, trial code lines may be entered in \_\_\_\_  
to see the result of changes on the program.  
a) Immediate window                      b) Properties of window  
c) Code window                      d) Project Explorer

19. When a runtime error occurs, choose \_\_\_\_\_ from the dialog to correct the program.  
a) End                                      b) Debug                                      c) Stop                                      d) Continue
20. To variable declared using a new class can be initialized using \_\_\_\_\_ keyword.  
a) Set                                      b) Let                                      c) Get                                      d) None of these
21. \_\_\_\_\_ data type in VBA stores true or false values.  
a) Boolean                                      b) Integer                                      c) Byte                                      d) Long
22. Double data type in VBA has size of \_\_\_\_\_.  
a) 14 bytes                                      b) 8 bytes                                      c) 4 bytes                                      d) 2 bytes
23. Variant data type can store \_\_\_\_\_.  
a) String larger than 65,400 character in length.  
b) number larger than double  
c) both (a) and (b)  
d) None of them
24. \_\_\_\_\_ function in VBA returns the numeric value of given character in the American Standard Code of Information Interchange (ASCII).  
a) ASC                                      b) CHR                                      c) &                                      d) INSTR
25. \_\_\_\_\_ function in VBA returns given number of characters counted from the right of the string.  
a) INSTRREY                                      b) LCASE  
c) LEFT                                      d) RIGHT
26. The following declaration creates an array having \_\_\_\_\_ number of elements.  
Dim a(3)  
a) 3 values indexed from 0 to 2.  
b) 4 values indexed from 0 to 3.  
c) 3 values indexed from 1 to 3.  
d) 0 values indexed 0.
27. From the following VBA code, select the correct statement from given choices :  
Dim a(1)  
a(0) = 10  
a(1) = 20  
REDIM PRESERVE a(2)  
a(2) = 30  
a) declares an array a with 2 elements.  
b) assigns 10 and 20 at indices 0 and 1.  
c) resizes the array to have 3 elements and assigns 30 to array index 2.  
d) all of them
28. \_\_\_\_\_ and \_\_\_\_\_ are the conditional statements available in VBA.  
a) IF....Then and Select Case  
b) For and While  
c) Do While and Do Until  
d) None of them

29. \_\_\_\_\_ loop in VBA takes each element of an array one by one.  
 a) For                                      b) For Each                                      c) While                                      d) Do While
30. What would be the value of y after the execution of the following VBA code?  
 Dim x, y as Integer  
 x = 5  
 select case x  
   case = 0  
     y = 10  
   case = 1  
     y = 20  
   case = 2  
     y = 30  
 case Else  
   y = 100  
 End select  
 a) 10                                      b) 20                                      c) 30                                      d) 100
31. VLOOK UP function used to,  
 a) Finds related records                                      b) Looks up text that contains "V"  
 c) Check if two cells are identical                                      d) None of these
32. Option Explicit will obligate us to,  
 a) Declare variable                                      b) Use Upper Camel case style  
 c) Use relative reference                                      d) None of these
33. Event wait like hidden armoury until a \_\_\_\_\_ occurs.  
 a) packing                                      b) trigger                                      c) cleaning                                      d) deletion
34. \_\_\_\_\_ operators in VBA compare the corresponding bits of numbers to arrive a result.  
 a) Logical                                      b) Arithmetical                                      c) Mathematical                                      d) Bitwise
35. A class can be created by inserting \_\_\_\_\_ in a VBA project.  
 a) User Form                                      b) Class module                                      c) Module                                      d) None of them
36. A large window which supports placement of other components on its surface is called \_\_\_\_\_.  
 a) Command button                                      b) Label                                      c) User Form                                      d) Text
37. User Form supports \_\_\_\_\_ for control of its window.  
 a) Maximize                                      b) Iconify                                      c) Close/Exit                                      d) All of them
38. Which colour of dot indicate the break point in VBA?  
 a) Grey                                      b) yellow                                      c) Maroon                                      d) Red
39. Which one is attributes of an object in VBA?  
 a) Procedures                                      b) Events                                      c) Macros                                      d) Properties
40. What is the alternate name of Bugs?  
 a) Errors                                      b) Keywords                                      c) Variables                                      d) Constants

41. Which one of the following is the correct extension of the python file?  
a) .py                      b) .python                      c) .p                      d) None of these
42. What is the method inside the class in python language?  
a) object                      b) Function                      c) Attribute                      d) Argument
43. Accessing the file system programmatically with \_\_\_\_\_.  
a) macOS                      b) Macros                      c) My App                      d) None of these
44. \_\_\_\_\_ Function used to save workbook to saved as macro enable workbook.  
a) Panda                      b) Run Python Function  
c) Window                      d) None of these
45. To create and open an Empty Excel workbook. Just need to call the \_\_\_\_\_ constructor.  
a) Workbook                      b) Book ()  
c) Macro                      d) None of these
46. \_\_\_\_\_ automatically add a new module with sample call in python.  
a) xlwings                      b) xlwings quickstart  
c) user defined function                      d) none of these
47. \_\_\_\_\_ button is the easiest way to run your python code.  
a) Main                      b) Macro                      c) Run main                      d) xlwings
48. What are the two main types of function in python?  
a) System Function                      b) Custom Function  
c) Built in Function and User defined Function                      d) Both (b) and (c)
49. The command used to start python from the command prompt is \_\_\_\_\_.  
a) execute python                      b) python  
c) py                      d) run python
50. A folder of python programs is called \_\_\_\_\_.  
a) Modules                      b) Class  
c) Main modules                      d) Packages of modules

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