

**MASTER OF COMPUTER APPLICATION  
FIRST SEMESTER  
FUNDAMENTAL OF COMPUTERS  
MCA – 105**

Duration: 3 Hrs.

Marks: 70

Part : A (Objective) = 20

Part : B (Descriptive) = 50

[ PART-B : Descriptive ]

Duration: 2 Hrs. 40 Mins.

Marks: 50

[ Answer question no. One (1) & any four (4) from the rest ]

1. What is the significance of using algorithm & flowchart? Write down the symbols used in a flowchart. Write an algorithm and draw a flowchart to check a year is a leap year or not. 4+2+4 = 10
2. Differentiate between Save and Save As options. Write down the steps involved for inserting a picture into a file. 5+5=10
3. What do you mean by functions in MS Excel? Explain the different types of text formulas used in Excel. 4+6=10
4. What do you mean by referencing formula? What are the categories of it? Explain each of them with example. 2+1+7 = 10
5. What are the features of power point? Write down the steps of inserting & deleting new slides. 5+5=10
6. What type of devices the printers are? There are how many types of printers? Explain each of them along with their mechanism. 1+1+8 = 10
7. What is software? What are the types? Differentiate between Assembler, Compiler & Interpreter. 2+1+7 = 10
8. Explain the different types of Storage Devices used in a computer system. 10

**MASTER OF COMPUTER APPLICATION  
FIRST SEMESTER  
FUNDAMENTAL OF COMPUTERS  
MCA – 105**

**[ PART-A : Objective ]**

Choose the correct answer from the following :

1×20=20

1. The nozzles of Ink-Jet printers are increased to accommodate \_\_\_\_\_ , \_\_\_\_\_ and \_\_\_\_\_ colours.
  - a. Red(R), Green(G), Yellow(Y), Black(K)
  - b. Cyan(C), Maroon(M), Yellow(Y), Black(K)
  - c. Cyan(C), Magenta(M), Yellow(Y), Black(K)
  - d. Red(R), Blue(B), Green(G), Cyan(C)
2. The \_\_\_\_\_ printer is also called as letter quality printer.
  - a. Dot matrix
  - b. Ink jet
  - c. Daisy wheel
  - d. laser
3. These printers are mainly used in small businesses and home offices. What are they?
  - a. Dot matrix
  - b. Ink jet
  - c. Daisy wheel
  - d. laser
4. LCD stands for-
  - a. Liquid Colour Display
  - b. Light Colour Display
  - c. Light Crystal Display
  - d. Liquid Crystal Display
5. Select the smallest memory size among these-
  - a. Terabyte
  - b. Gigabyte
  - c. Kilobyte
  - d. Megabyte
6. The type of memory that uses in circuit wiring to erase the content by applying electric field is-
  - a. PROM
  - b. Flash Memory
  - c. EAROM
  - d. EEPROM
7. The \_\_\_\_\_ is used to provide backup storage for instructions & data.
  - a. Primary memory
  - b. Secondary memory
  - c. RAM
  - d. ROM
8. The \_\_\_\_\_ generation computers use microprocessors as their basic processing device.
  - a. 1<sup>ST</sup>
  - b. 2<sup>ND</sup>
  - c. 3<sup>RD</sup>
  - d. 4<sup>TH</sup>
9. The \_\_\_\_\_ computers are special purpose machines.
  - a. Micro
  - b. Mini
  - c. Mainframe
  - d. Super
10. The main distinguishing feature of 5<sup>th</sup> Generation computers are-
  - a. Liberal use of microprocessor
  - b. Artificial intelligence
  - c. Extremely low cost
  - d. Versatility
11. The \_\_\_\_\_ is a generic way of describing an algorithm without use of any specific programming language related notation.
  - a. Flowchart
  - b. Structured programming
  - c. Sequence
  - d. Pseudo code
12. Programming languages are divided into-
  - a. Machine level, high level, Database
  - b. Machine level, assembly, Database
  - c. Machine level, Assembly, high level
  - d. Linker, loader, parser
13. 4GL are commonly used to access-
  - a. High Level Language
  - b. Machine Level Language
  - c. Assembly Language
  - d. Database



--

14. Which of the following control structure allows the program to make a choice between two alternate paths depending upon the condition.
  - a. Sequence
  - b. Loop
  - c. Selection
  - d. None of the above
15. Software that contributes to the control & performance of the computer system & permits the user to use the system more conveniently is termed as-
  - a. System software
  - b. Application software
  - c. Software installation
  - d. Software upgrade
16. Image editor is an example of -
  - a. System software
  - b. System utility
  - c. Device driver
  - d. Application software
17. The short cut key to cut a paragraph or a word is
  - a. Ctrl+C
  - b. Ctrl+X
  - c. Ctrl+V
  - d. Ctrl+S
18. A \_\_\_\_\_ is the text that appears at the top of every page.
  - a. Header
  - b. Footer
  - c. Bullets
  - d. Title
19. The formula of = (A\$1+\$B2) is an example of \_\_\_\_\_ referencing.
  - a. Relative
  - b. Absolute
  - c. Mixed
  - d. All of these
20. Power point provides different types of screen layout for constructing presentation in -
  - a. Formatting
  - b. Animation effects
  - c. Design template
  - d. Slide show

Course : .....

Semester : ..... Roll No : .....

Enrollment No : ..... Course code : .....

Course Title : .....

Session : ..... 2017-18 ..... Date : .....

**Instructions / Guidelines**

- The paper contains twenty (20) / ten (10) questions.
- Students shall tick (✓) the correct answer.
- No marks shall be given for overwrite / erasing.
- Students have to submit the Objective Part (Part-A) to the invigilator just after completion of the allotted time from the starting of examination.

Full Marks	Marks Obtained
20	

==\*\*\*==

-----  
 Scrutinizer's Signature                      Examiner's Signature                      Invigilator's Signature