



SRI BHAGAWAN MAHAVEER JAIN COLLEGE

Vishweshwarapuram, Bangalore.

Mock Question Paper – January 2020

Course: I year PUC

Subject: Computer Science

Max. Marks: 70

Duration: 3.15 hrs

I Answer all questions. Each carries one mark.

1X10=10

- 1) What is the function of ALU?
- 2) Expand MOUSE.
- 3) Name 2 types of flowchart.
- 4) Which is the symbol for assignment operators?
- 5) Why are manipulators used?
- 6) What is the purpose of exit()?
- 7) What is the significance of a null character in a string?
- 8) Define function.
- 9) Define mail merge.
- 10) Write any 1 application of spread sheet.

II Answer any five. Each carries two marks.

2X5=10

- 11) Convert $12.6875_{(10)}$ to binary
- 12) Give two examples for non-impact printers.
- 13) Define (i) Linker (ii) Loader
- 14) What are the basic programming constructs.
- 15) Mention any 2 advantages of OOP.
- 16) What is a data type? Give one example.
- 17) Write any 2 functions which require math.h header file.
- 18) Write the difference between save and save as

III Answer any five. Each carries three marks.

3X5=15

- 19) Differentiate between SRAM and DRAM.
- 20) Write a note on ASCII .
- 21) List the features of windows operating system.
- 22) Explain modular programming.
- 23) Explain logical operators.
- 24) What is cascading? give examples for input and output cascading.
- 25) Write a program to read and display the elements of 2D array.
- 26) Write the structure definition to store student details.

III Answer any seven. Each carries five marks.

5X7=35

- 27) Explain any 5 characteristics of computers.
- 28) Subtract $67_{(10)}$ from $23_{(10)}$ using 2's complement method.
- 29) Draw a flowchart to find largest , second largest and smallest among 3 given numbers.
- 30) Explain unary operators with example.
- 31) Explain the working of nested-if statement with syntax and example.
- 32) Write a program to check whether the given number is Armstrong number or not.
- 33) Explain any 5 string handling functions with syntax and example.
- 34) Explain the working of "function with arguments and no return value" with example.
- 35) Explain any 5 mathematical functions in ESS with example.
- 36) Define the following i)Cell ii)Active cell iii) Cell pointer iv)Cell Address v) Workbook
- 37) Explain any 5 formatting tags in HTML with example.
