

FIRST PUC ANNUAL EXAMINATION – 2018

3-15 hours

COMPUTER SCIENCE (41)

Max Marks: 70

Pages: 01

Total No. of Ques.: 37

PART-A

Answer ALL the following questions, each question carries 1 mark. 10x1=10

- 1) Who is the father of Computer?
- 2) What is cache memory?
- 3) Define top down design.
- 4) What is a token?
- 5) Name the input operator in C++.
- 6) What is a loop?
- 7) Define an array.
- 8) What is recursive function?
- 9) Name any one word processing application.
- 10) What is a cell?

PART-B

Answer any FIVE Questions, each question carries 2 marks

5x2=10

- 11) Name any two characteristics of a computer system.
- 12) Give any two output devices.
- 13) Write any two functions of Operating system.
- 14) List any two advantages of structured programming.
- 15) Define a) Class b) Object.
- 16) Explain float data type with example.
- 17) Mention any two character manipulation functions.
- 18) What is the use of word art?

PART-C

Answer any FIVE Questions, each question carries 3 marks.

- 19) Explain dot matrix printer.
- 20) Mention any three computer codes.
- 21) Give any three difference between Compiler and Interpreter.
- 22) Write any three flowchart symbols.
- 23) Explain any three characteristics of C++ language.
- 24) What are manipulators? Explain any two manipulators.
- 25) What is two dimensional array? Write syntax and example.
- 26) Explain nested structure with example.

Answer any SEVEN questions, each question carries 5 marks .

7x5=35

- 27) Explain any five educational applications in computer.
- 28) Subtract $(24)_{10}$ from $(64)_{10}$ using 1st compliment .
- 29) Write an algorithm to find largest number in a input three numbers .
- 30) What is an expression? Explain types of arithmetic expression .
- 31) Explain if else statement with syntax and example.
- 32) Write the difference between while and do-while loop .
- 33) Explain any five string handling functions .
- 34) What is userdefine function ? Explain function with arguments with return value .
- 35) Write any five advantages of MS excel .
- 36) Explain any five mathematical functions in MS excel.
- 37) What is E-mail? Write any four advantages of e-mail.

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