BS

I P.U.C. ANNUAL EXAMINATION -2017

I

Time : 3.15 Hours | COMPUTER SCIENCE - 41 | Max. Marks : 70

Part - A

I Note: Answer all the questions. Each question carries one mark. **10x1=10**

1. What does IC stands for?
2. Name any input devive.
3. What is top down design?
4. Give an example for string constant.
5. What is the purpose of setw( ) ?
6. What is the function of exit ( ) ?
7. Declare an array that can store 50 integer.
8. Define local variable.
9. What does title bar contains?
10. What is a cell in ESS?

Part - B

II Note : Answer any five questions. Each question carries two marks. **2x5=10**

11. Mention any two features of second generation computer.
12. Give two examples for non-impact printers.
13. List any two functions of an operating system.
14. Explain any two symbols used in a flow chart.
15. Mention any two applications of OOP.
16. What is a variable? Write its declaration syntax.
17. Differentiate between strcmp( ) and strcmpi ( ) functions.
18. Give the command for copy and paste.

Part - C

III Note : Answer any Five questions. Each question carries three marks. **3x5=15**

19. Explain different types of ROM.
20. Convert $55_{(10)} = ?_{(2)} = ?_{(8)} = ?_{(16)}$
21. Differentiate between compiler and interpreter.
22. Explain the various types of errors.
23. Mention the rules for naming an identifier
24. What is cascading? Explain with an example.
25. What is an array? Give the declaration of one dimensional array with an example.
26. Define structure. Explain with syntax and example.

(P.T.O.)

Part - D

IV Note : Answer any Seven questions. Each question carries five marks. **5x7=35**

27. Explain any five characteristics of computer.
28. Subtract $20_{(10)} - 14_{(10)}$ using 2's comlement.
29. Write the algorithm to inter change the values of two variables without using a third variable.
30. Explain any five relational operator with an example.
31. Differentiate between while loop and do-while loop.
32. Explain if - else-if statement with a general format and suitable example.
33. How to read and write elements of two dimensional array? Explain with program fragment.
34. Explain the working of "Function with argument and no return value" with syntax and example.
35. Explain any five mathametical functions in ESS with example.
36. What is a spread sheet? Write any four applications of it.
37. Explain any five tags of HTML.