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(Pages : 2)

Reg. No:.....

Name:

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

First Semester B.Sc Degree Examination, November 2017

BCSS1B01 – Computer Fundamentals

(2017 Admission onwards)

Max. Time: 3 hours

Max. Marks: 80

PART – A

Answer all questions. Each question carries one mark

1. What is Operating System ?
2. What is nibble?
3. Define algorithm.
4. What are the data structures used in Python?
5. Draw the flowchart symbol for decision making.
6. What is tuple?
7. How do you use input() in Python?
8. What are the different window-types in IDLE?
9. Name any two applications used in Mac.
10. What is the use of gedit?
11. Give an example for storage unit.
12. Write the use of any two string type built-in methods.

(12 x 1 = 12 Marks)

PART – B

Answer any seven questions. Each question carries two marks

13. What are the different types of computer languages?
14. Distinguish between compiler and interpreter.
15. How do you use vi editor?
16. Discuss any eight Linux commands.
17. How do you connect Mac to Internet?
18. What are the different save options in a word processor?
19. How do you type formulas in a word processor?
20. Distinguish between break and continue statements.
21. How do you add multimedia objects in a slide?

(7 x 2 = 14 Marks)

PART - C

Answer *any six* questions. Each question carries *five* marks

22. What are the features of a good programming language?
23. Explain the memory hierarchy in a computer on different parameters.
24. What are the different types of Operating System?
25. What are the advantages of using an electronic spread sheet?
26. Explain the structure of Operating System.
27. What are the different types of animation effects used in Impress?
28. Write algorithm and draw flowchart to find the smallest number in a group.
29. Explain with examples about looping statements in Python.

(6 x 5 = 30 Marks)

PART - D

Answer *any three* questions. Each question carries *eight* marks

30. Draw the block diagram and explain the functional units in a computer system.
31. Discuss the features of Windows and Mac.
32. Write the procedure to create a database and manipulate the data in it.
33. Describe the features of any two secondary storage devices.
34. Write algorithm and draw flowchart to find the roots of a quadratic equation.

(3 x 8 = 24 Marks)