B1N18031 (Pages : 2) Reg. No:..............................

Name: ....

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

First Semester B.Sc Degree Examination, November 2018

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 cache memory?

2. How do you transfer files in Mac?

3. Draw the flowchart symbol for decision making.

4. What is the purpose of programming?

5. Name the Python operators used for object comparison.

6. What is software?

7. Storage capacity of cache memory is expressed in …….. units.

8. What is assembler?

9. Expand IDLE.

10. What are man pages?

11. Who developed Python?

12. Write the Python statement for multiple assignment.

(12 x 1 = 12 Marks)

PART – B

Answer *any seven* questions. Each question carries *two* marks

13. What is OLE?

14. Explain any four functions in a spread sheet package.

15. How do you use if statement in spread sheet?

16. What are the different views in Impress?

17. How do you connect accessories in Mac?

18. What are the data types in Python?

19. Discuss any eight DOS commands.

20. What is mean by language processor?

21. What are the different CPU registers?

(7 x 2 = 14 Marks)

PART - C
Answer *any six* questions. Each question carries *five* marks

22. Draw the diagram and explain John Von Neumann model of the computer.

23. What are the different types of RAMs and ROMs?

24. Give a detailed configuration of core i7 computer.

25. What are the advantages of using a word processor?

26. Explain top-down design with an example.

27. What is mail merging? How do you do it?

28. Write algorithm and draw flowchart to find the sum and average of a group of numbers.

29. What are the features of Python?

(6x 5 = 30 Marks)

PART – D
Answer *any three* questions. Each question carries *eight* marks

30. Write algorithm and draw flowchart to display prime numbers within a range.

31. Discuss the functions of Operating System.

32. Write a program to print amstrong numbers up to N.

33. Explain the functions of any four IO devices.

34. Write separate programs to do the following:
    (a) Find the greatest number in a group.
    (b) Temperature conversion.

(3 x 8 = 24 Marks