# BCA DEGREE END SEMESTER EXAMINATION OCTOBER 2016

## SEMESTER – 1: CORE COURSE

### COURSE: 16U1CRBCA1; COMPUTER FUNDAMENTALS AND ORGANIZATION

For Regular (2016 Admission)

Time: Three Hours                                                                                   Max Marks: 75

## SECTION A
### Answer all questions. Each question carries 1 mark

1. Which are the components of CPU?

2. What is a Super computer?

3. What is RAM?

4. What is a hand held scanner?

5. What do you mean by SRAM?

6. Define Language Translators.

7. What do you mean by Multimedia?

8. What is MAN?

9. What do you mean by System Software?

10. Which are the different types of commands in DOS?

(1 x 10 = 10)

## SECTION B
### Answer any 8 questions. Each question carries 2 marks

11. Explain any four characteristics of Computer.

12. Distinguish between Primary Memory and Secondary Memory.

13. Which are the different types of Computer Network?

14. Draw the implementation of logical operations AND, OR and NOT with NOR Gate Only.

15. Explain any four features of Windows Operating System.

16. Explain what is meant by Computer Security?

17. Differentiate between Internet and Intranet.

18. Explain conversion of Decimal number to Binary Number and Vice versa with the help of example.

19. What is Database and mention its Components.

20. Distinguish between sequential and direct access storage devices.                    (2 x 8 = 16)

## SECTION C
**Answer any 5 questions. Each question carries 5 marks**

21. List various Computer Generations and explain the characteristics of each Generation.

22. Explain different types of RAM and ROM.

23. Describe any two Optical Storage device and how the data is stored in it.

24. Distinguish between Problem Oriented and Procedure ?Oriented Languages with the help of examples.

25. What is Flowchart? Explain various symbols used in Flowchart with the help of an example.

26. State the factors that affect the speed of Processor.

27. What do you mean by Computer Network? Explain with its objectives.          (5 x 5 = 25)

## SECTION D
**Answer any 2 questions. Each question carries 12 marks**

28. Describe about various applications of Computer.

29. Explain in detail about different input devices.

30. Write notes on

    a. Word Processing Package

    b. Creation of Presentations in MS POWERPOINT

31. Explain the use of Internet.                                        (12 x 2 = 24)

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