

Babasaheb Bhimrao Ambedkar Bihar University, Muzaffarpur
Directorate of Distance Education
Professional / Technical 1st Semester January Session 2016-19
Subject: Information Technology (MCA)

Semester 1st :Paper – 1st

Answer all questions

Full Marks: 30

- 1. Define different type of Memory. Also explain briefly.**
- 2. Define software? Also explain different categories of software application.**

Babasaheb Bhimrao Ambedkar Bihar University, Muzaffarpur
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Professional / Technical 1st Semester January Session 2016-19
Subject: Computer Organization and Architecture (MCA)

Semester 1st :Paper – 2nd

Answer all questions

Full Marks: 30

- 1. Write and explain different types of Number Representation.**
- 2. List the typical data roles of Telephone channel, PCI Bus and USB.**

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Professional / Technical 1st Semester January Session 2016-19
Subject: Programming and data structure (MCA)

Semester 1st :Paper – 3rd

Answer all questions

Full Marks: 30

- 1. Discuss and explain different types of control statements used in C language.**
- 2. What do you mean by sorting? Describe various sorting algorithms.**

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Directorate of Distance Education
Professional / Technical 1st Semester January Session 2016-19
Subject: Introduction to Management System(MCA)

Semester 1st :Paper – 4th

Answer all questions

Full Marks: 30

- 1. Write and explain Human Resource Information System.**
- 2. What do you mean by intelligent support system?**

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Professional / Technical 1st Semester January Session 2016-19
Subject: Mathematical Foundation (MCA)

Semester 1st :Paper – 5th

Answer all questions

Full Marks: 30

- 1. Differentiation of e^x and $\log x$.**
- 2. Derive Lagranges Theorem.**