



**PRESIDENCY UNIVERSITY, BENGALURU  
SCHOOL OF LAW**

Max Marks: 45

Max Time: 55Mins

Weightage: 15 %

**Set A**

**TEST 1**

II Semester 2016-2017

Course: **BLA 108 Computer Fundamentals**

23 Feb 2017

**Instructions:**

- i. Avoid false numbering.
- ii. Elucidate your answers with suitable illustrations where needed.

**Part A**

(5 Q x 2 M= 10 Marks)

1. What is Fifth Generation Computers?
2. What are the advantages of mouse?
3. What is Optical Character reader (OCR)?
4. Give two examples of computer application in a Manufacturing Company.
5. What are the subsections of ALU (Arithmetic Logic Unit)?

**Part B**

(3Q x 5 M= 15 Marks)

6. Explain about different types of computers.
7. Explain the different keys on keyboards.
8. Explain on Central Processing Unit (CPU).

**Part C**

(1Q x 20 M= 20 Marks)

9. You are a purchase manager of a large software company and you have been requested by the CEO to buy a computer which has got good memory. What kind of memory you will look into it before ordering the computers?



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TEST 2

II Semester 2016-2017

Course: BLA 108 Computer Fundamentals

23 March 2017

Instructions:

- i. Avoid false numbering.
- ii. Elucidate your answers with suitable illustrations where needed.

Part A

(5 Q x 2 M= 10 Marks)

1. What are the two types of RAM?
2. Define Nibble.
3. 1 Petabyte is equal to how many Gigabytes?
4. Define Data.
5. \_\_\_\_\_ is the smallest unit which can represent a data item or a character.

Part B

(3Q x 5 M= 15 Marks)

6. What are the features of Motherboard?
7. Elucidate the features of Application Software.
8. Some RAM retains its content as long power is being supplied. What are the characteristics of such type of RAM?

Part C

(1Q x 20 M= 20 Marks)

9. You are a manager of a large software company and you want to buy a high end computer with good ROM. What kinds of ROM you will look into it before buying the high end computer?



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TEST 3

II Semester 2016-2017

Course: BLA108 Computer Fundamentals

20 April 2017

**Instructions:**

- i. Avoid false numbering
- ii. Elucidate your answers with suitable illustrations where needed.

**Part A**

(5 Q x 2 M= 10 Marks)

1. What is networking?
2. What is the use of Sockets?
3. Name the Three Variants in Firewire Port.
4. Explain Router.
5. What is Network Card?

**Part B**

(3 Q x 5 M= 15 Marks)

6. Describe Characteristics of Computer Network.
7. What is the difference between Internet and Intranet
8. Elucidate on Characteristics of Port.

**Part C**

(1 Q x 20 M= 20 Marks)

9. Solve the following:
  - a) For the Decimal Number:  $18_{10}$  Calculate the Binary Equivalent.
  - b) For a Binary Number  $11101_2$  Calculate the Decimal Equivalent.
  - c) For a Hexadecimal Number  $20CDA_{16}$  Calculate the Decimal Equivalent.