

Roll No.....

Total No. of Sections : 03

Total No. of Printed Pages : 03

**Code No. : C-194**

**Annual Examination - 2018**

**BCA Part - I**

**BCA-102**

**FUNDAMENTALS OF IT & OS**

**Max.Marks : 100**

**Time : 3 Hrs.**

**Min.Marks : 40**

**Note :** Section 'A', containing 10 very short-answer-type questions, is compulsory. Section 'B' consists of short answer type questions and Section 'C' consists of long answer type questions. Section 'A' has to be solved first.

**Section - 'A'**

Answer the following very short-answer-type questions in one or two sentences : **(2 × 10=20)**

- Q-1 What do you mean by System Software?
- Q-2 Mention two characteristics of Computer System.
- Q-3 Differentiate Hardware and Software.
- Q-4 What do you mean by BIOS?
- Q-5 Write down the difference between Program and Package.
- Q-6 What is Flat Screen Technologies?
- Q-7 What is the use of GUI based operating system?
- Q-8 List out AT Pentium PC's limitations of Micro computer.

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Q-9 What is OMR?

Q-10 Give the DOS command any two.

**Section - 'B'**

Answer the following short-answer-type questions with word limit 150-200 : (6 5=30)

Q-1 Explain the Computer with block diagram.

**OR**

Describe the Computer System characteristics with capabilities.

Q-2 Explain the Computer system generation with an example.

**OR**

Define the term Data and also describe Data Processing System.

Q-3 Illustrate the functioning of ALU in Computer System architecture.

**OR**

Describe the Output Fundamentals and its importance in short.

Q-4 State the difference between RAM and ROM.

**OR**

Differentiate the High level language and Low Level Language.

Q-5 Explain the task of Loader and Linker.

**OR**

Explain the role of Operating System in Computers.

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**Section - 'C'**

Answer the following long-answer-type questions with word limit 300-350 : (10 5=50)

Q-1 Explain the features of DOS. Also explain DOS commands with example.

**OR**

Describe the control panel features in windows and also give some lights on the latest updation.

Q-2 Describe the steps of Booting a system in MS-DOS.

**OR**

Explain CRT with diagram in detail.

× Q-3 Explain the Storage devices with an example and figures.

**OR**

Explain Mass Storage and Optical Disks in detail.

Q-4 Describe System Software in detail. Also explain its types.

**OR**

Explain the role of Operating System executive in detail.

Q-5 Illustrate the use of Quick launch toolbar in windows operating system in detail?

**OR**

Describe the importance of Internet explorer with its features.

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