

Roll No.....

Total No. of Section : 03

Total No. of Printed Pages : 03

Code No. : B-404(B)

Annual Examination - 2017

BCA-I

BCA-102

FUNDAMENTALS OF IT & O.S.

Max.Marks : 100

Time : 3 Hrs.

Min Marks : 40

Note :Section 'A' is very short type, containing 10 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'**

**Very short answer type questions. Answer in one or two lines. (2x10=20)**

- Q.1 Explain the term hardware and software.
- Q.2 List the various computer system characteristics.
- Q.3 What do you mean by OMR?
- Q.4 What do you understand by Hard copy and Soft copy?
- Q.5 Explain system software.
- Q.6 What are the types of application software available?
- Q.7 Give two internal DOS commands.
- Q.8 Why do we use pwd, LS command in UNIX?
- Q.9 Why do we prefer GUI Based operating system?
- Q.10 List out the basic difference of using DOS and Windows.

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**Section-'B'**

**Short answer type questions with word limit 150-200**  
(6x5=30)

Q.1 How does the system characteristics and capabilities effect the performance of system.

**OR**

Explain the limitation of Micro computer.

Q.2 Enumerate the use of MICR, Smart card as scanning devices in various applications.

**OR**

Explain the working of central processing unit.

Q.3 How system software differs from application software? Explain.

**OR**

Explain the role of file maintenance in system software.

Q.4 Explain the DOS command CD, COPY using example.

**OR**

Explain the functions of DISKCOPY and DISKCOMP command, illustrating its command options.

Q.5 Compare the various versions of windows operating system.

**OR**

Explain the control panel features available in windows.

**Section-'C'**

**Long answer type questions with word limit 300-350**  
(5x10=50)

Q.1 List out the various types of computer.

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**OR**

Explain the characteristics of computer system generations.

Q.2 Explain how cathode ray tube is used as softcopy output devices.

**OR**

State difference between primary and secondary memory.

Q.3 How can we perform diagnostic test in context to system software.

**OR**

Differentiate between compiler and interpreter.

Q.4 Explain the steps of booting a system in MS-DOS.

**OR**

Explain the basic UNIX commands, cat, who, ps, is, mail.

Q.5 Explain the usage of Internet explorer with its functionality.

**OR**

What is the use of Quick launch toolbar in windows operating system?

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