

Roll No.

Total No. of Sections : 3

Total No. of Printed Pages : 4

Annual Online Examination 2021

Code No. : A.B.B-139

B.Com. Part I

COMPUTER FUNDAMENTALS

Paper I

[Computer Fundamentals]

Time : Three Hours]

[Maximum Marks : 50

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 : **1×10=10**

1. What is Data ?
2. What is computer software ?
3. What are the input devices, you know ?
4. Where you will use Projectors ?
5. How control unit works ?
6. Write the primary memories used in CPU in sequence.

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7. Write the name of any two multi user and mutli tasking operating system.
8. Write the name of any two object oriented languages.
9. Write any two methods of re-naming a file in MS-Windows.
10. Write the full form of DOS.

Section 'B'

Answer the following Short Answer Type Questions in about 150-200 words : **3 × 5 = 15**

1. What is Data ? How Data will be processed ?

Or

Convert the decimal number $(10)_{10}$ to binary number and octal number.

2. Explain the use of Smart Cards in various areas.

Or

Write the difference between Impact and Non-impact printer.

3. Write the secondary storage devices used in computer. Which storage device is best for data backup ?

Or

Draw the block diagram of CPU and write the function of A.L.U.

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4. Write the difference between system software and applications software.

Or

What is algorithm ? Explain algorithm with an example.

5. Write the booting process of DOS in step by step.

Or

Write short notes on :

- (i) Taskbar in windows O.S.,
- (ii) Desktop in windows O.S.

Section 'C'

Answer the following Long Answer Type Questions in about 300-350 words : **5×5=25**

1. Write the generations of computer with its use and example in each case.

Or

Write the diagram of NOR and NAND gates with Truth table.

2. How Cathode Ray tube works ? Explain with suitable diagram.

Or

Write the use and application of any five input devices used in computer.

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3. What is the use of RAM and ROM in computer system.

Or

Write the functions of sequential and Direct retrieval method used in magnetic tape or Hard Disks.

4. What are the different types of operating systems available ? How the computer will work without operating system ?

Or

Write the function of Assembler, compiler and Interpreter with example.

5. Write any five external DOS commands and any five internal DOS commands with its use and syntax.

Or

Write the steps of :

- (i) Copying files from C:\> to D:\>
- (ii) Moving files from C:\> to D:\>
- (iii) Creating files in D:\>
- (iv) Setting date and time
- (v) Removing file from D:\> using windows O.S.

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