

2107028

BACHELOR OF VOCATION
Tool and Die Manufacturing
Subject: Fundamentals of Computers
Subject Code: ZBCE-101
Semester: Second
July 2021
Theory (External): 35 Marks
Time: 03 Hours

Instructions to the Students

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 1 mark.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 5 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number

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SECTION –A (SHORT/OBJECTIVE TYPE QUESTIONS)
(10x1=10 Marks)

- A. Which of the following are input devices – Scanner, Joystick, VDU, Printer
- B. Convert into binary number system:- (i) 61 (ii) 101
- C. Write full form of (i) RAM (ii) WWW
- D. Give two examples of ‘Search Engine’
- E. Define ‘System Software’
- F. Give the keyboard shortcut command to ‘Justify’ the text in MS-Word.
- G. What is ‘Slide Show’ in MS-PowerPoint?
- H. What is a ‘Firewall’?
- I. Write the address of cell ‘?’ in MS-Excel: -

	P	Q	R
1			
2			?
3			

- J. What is a (i) Hub (ii) Router

SECTION –B (ESSAY TYPE QUESTIONS)
(5x5=25 Marks)

- 1. What do you understand by a network topology? Discuss & draw neat labelled diagram of the major networking topologies.
- 2. What is IECT? What are the primary application areas of IECT? Explain with suitable examples from your daily life.
- 3. What is a Virus? Write the importance of anti-virus software in a computer. Why it is recommended to update the anti-virus software regularly? Give two examples of anti-virus software.
- 4. Which are the various types of operating systems? What is the need of an operating system in a computer? Can multiple operating systems be installed in a computer?
- 5. Explain the following:-
 - (i) Batch Processing
 - (ii) On-Line Processing
 - (iii) Real-Time Processing
- 6. What is the utility of MS-Excel? Discuss about ‘Auto Sum’ and ‘Sort & Filter’ feature of MS-Excel.
- 7. What is a slide in MS-PowerPoint? How can you add a new slide in a PowerPoint presentation?
- 8. What is a web browser? Discuss the importance of Incognito/ InPrivate browsing.

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