

2209T121

BACHELOR OF VOCATION
Tool and Die Manufacturing
Subject: Fundamentals of Computers
Subject Code: ZBCE-101
Semester: Second
September 2022
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

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

- A. Which of the following are output devices – Keyboard, Plotter, Projector, Light pen
- B. Convert into binary number system: -
(i) 89 (ii) 107
- C. Write full form of (i) HTTP (ii) ROM
- D. Give two examples of 'Web Browser'
- E. Define 'Application Software'
- F. Give the keyboard shortcut command to 'Center Align' the text in MS-Word.
- G. Define 'Digital Signature'.
- H. What is 'Slide Layout' in MS-PowerPoint?
- I. What is a (i) Switch (ii) Repeater
- J. Write the address of cell '?' in MS-Excel: -

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

1. Explain & draw a neat labeled block diagram of Computer System.
2. What is a Computer? Give two applications of computers in each the following sectors: - (i) Healthcare (ii) Education (iii) Office Management (iv) Railways
3. Explain the various types of viruses which can negatively affect a computer's performance? What are the primary characteristics of a virus? Which category of software can be installed to remove the virus from computer?
4. What is an operating system? Give examples. Also explain the various functions of an operating system.
5. Explain the following:-
(i) Spooling
(ii) Multiprocessing
(iii) Multiprogramming
6. What is the utility of MS-Word? Discuss about 'Wrap Text' and 'Page Break' feature of MS-Word.
7. What do you understand 'Layout' of a slide in MS-PowerPoint? Write the steps to change the 'Layout' of a slide.
8. What is a search engine? How search engines are useful in surfing the web?

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