



SHRI VISHWAKARMA SKILL UNIVERSITY

(A State Skill University, setup by an Act of Legislature in 2016)

187015

Course : B.Voc. Automotive Mechatronics
Subject : Fundamentals of Computers
Subject Code : ZBCE-101
Semester : First
Duration : 3 Hours
Maximum Marks : 35

Instructions to the Students

1. This Question paper consists of two Sections. All sections are compulsory.
2. **Section A** comprises ten questions of objective type in nature. All questions are compulsory. Each question carries one mark.
3. **Section B** comprises eight essay type questions out of which students need to do any five. Each question carries five 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 (OBJECTIVE TYPE QUESTIONS)

(10x1=10 Marks)

- Q.1: Which access method is used for obtaining a record from a cassette tape?
- Q.2: Convert 187 decimal number to 8-bit binary.
- Q.3: Fork is used to _____.
- Q.4: If a process fails, most operating system write the error information to a _____.
- Q.5: Superscript, subscript, outline, emboss, engrave are known as –
(a) Font effects (b) Text effects (c) Font styles (d) Word Art
- Q.6: In which toolbar we can get the Format painter tool in ms-word?
- Q.7: IPv6 address contains _____ bits.
- Q.8: In _____ topology there is a central controller or hub.
- Q.9: URL stands for _____.
- Q.10: AJAX stands for _____.

SECTION -B (ESSAY TYPE QUESTIONS)

(5x5=25 Marks)

- Q.1: What do you mean by input/output devices of computer? Explain the basic working of computer system by its block diagram.
- Q.2: Explain batch processing in operating system with its advantages and disadvantages.
- Q.3: What is a chart and explain different steps for inserting a chart in Excel.
- Q.4: Define computer networks? Discuss various types of networks topologies in computer network. Also discuss various advantages and disadvantages of each topology.
- Q.5: Write short note on following:
(a) Search Engine (b) Internet Service Provider (c) Hosting (d) Surfing (e) Web Browser
- Q.6: What is memory architecture of computer system? Differentiate primary and secondary memory.
- Q.7: What is Macro in MS-Word? What are its features? How can we insert Macros in a document?
- Q.8: What is the difference between working of switches and routers? Explain the concept of LAN and MAN and WAN.

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