

B.VOC. AUTOMOTIVE MANUFACTURING

and

B.VOC. AUTOMOTIVE MECHATRONICS

Subject: Fundamental of Computer

Subject Code: ZBCE-102

Semester: 2nd (Re-appear)

Batch: 2017-20

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 6 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

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SECTION -A (OBJECTIVE TYPE QUESTIONS)

(10x1=10 Marks)

Q1 All questions are compulsory

- a) are set of rules and procedures to control the data transmission over the internet
- a) IP address
b) Domains
c) Protocol
d) Gateway
- b) Actual execution of instructions in a computer takes place in
- a) ALU
b) Control Unit
c) Storage unit
d) None of the above
- c) A computer program that converts an entire program into machine language is called a/an
- a) Interpreter
b) Simulator
c) Compiler
d) Commander
- d) Execution of two or more programs by a single CPU is known as :
- a) Multiprocessing
b) Time sharing
c) Multiprogramming
d) None of the above
- e) 1 Byte =?
- a) 8 bits
b) 4 bits
c) 2 bits
d) 9 bits

CAD stands for

- a) Computer aided design
- b) Computer algorithm for design
- c) Computer application in design
- d) Computer analogue design

i) Hardware or software designed to guard against unauthorized access to a computer network is known as a(n):

- a) Hacker-proof program
- b) Firewall
- c) Hacker-resistant server
- d) Encryption safe wall

h) What is a light pen?

- a) Mechanical Input device
- b) Optical input device
- c) Electronic input device
- d) Optical output device

i) The first web browser is

- a) Mosaic
- b) Netscape
- c) Internet explorer
- d) Collabra

j) Convert : $(232)_{10} = (?)_8$

SECTION -B (ESSAY TYPE QUESTIONS)

(5x5=25 Marks)

- Q1 Draw a block diagram of a computer. Explain the function of each of the blocks.
- Q2 Explain different language processor?
- Q3 Write a c program to find factorial of a number.
- Q4 Explain different network devices.
- Q5 What is web browser ? explain features of any 3 web Browser?
- Q6 Write Short Note On:
- a) DNS
- b) IP address

*****END OF PAPER*****