

B.Voc. Robotics and Automation
Subject: Fundamentals of Computer
Subject Code: ZBCE101
Semester: 2nd (Regular)
Batch: 2018-21
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 (OBJECTIVE TYPE QUESTIONS)

(10x1=10 Marks)

- Q1 DOS stands for
- a) Disk Operating System b) Disk operating session
c) Digital Operating System d) Digital Open system
- Q2 The primary function of the is to set up the hardware and load and start an operating system
- a) System Programs b) BIOS
c) CP d) Memory
- Q3 All of the following are examples of real security and privacy risks except
- a) Hackers b) Spam
c) Viruses d) Identity theft
- Q4 A computer program that converts an entire program into machine language at one time is called a/ an
- a) Interpreter b) Simulator
c) Characters d) Compiler
- Q5 The process of transferring files from a computer on the Internet to your computer is called
- a) Downloading b) Uploading
c) FTP d) JPEG
- Q6 Collecting personal information and effectively posing as another individual is known as the crime of:
- a) Spooling b) Identity theft
c) Spoofing d) Hacking

- Q7 Hardware or software designed to guard against unauthorized access to a computer network is known as :
- a) Hacker-proof program b) Firewall
c) Hacker-resistant server d) Encryption safe wall
- Q8 WAN stands for Network
- a) Wap Area Network b) Wide Area Network
c) Wide Array Net d) Wireless Area
- Q9 Convert the $952_{10} = ?_8$
- a) 1760 b) 1670
c) 1067 d) 1607
- Q10 Which of the following is a network topology
- a) LAN b) WAN
c) MAN d) BUS

SECTION –B (ESSAY TYPE QUESTIONS)

(5x5=25 Marks)

- Q1 Explain the relationship among hardware, system software , application software and users of a computer system
- Q2 what are the three different states in which all processes of a timesharing system can be?
Illustrate how a process switches from one state to another.
- Q3 Describe the complete process of Mail Merge with the help of an example.

- Q4 Write the three main characteristics features of the internet that defines it. Also differentiate between downloading and uploading of information
- Q5 What is an internet search engine ? what are the three major elements of an internet search engine ? Explain the role of each.
- Q6 Write a short notes on :
- a) difference between HTTP and HTTPS
 - b) Web Browser
 - c) Web client
 - d) Web casting
- Q7 Differentiate among RAM,ROM,PROM and EPROM . Also write uses of ROM
- Q8 Describe the structure of MS DOS and UNIX operating system.

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