

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

- Q1 a) What is the basic difference between volatile and & non-volatile memory?
b) What will happen if we do not use cache memory?
- Q2 Convert the following:
a) $(101\ 101\ 1\ 1000)_2$ into Hexadecimal
b) $(531)_8$ into Binary
c) $(86)_{16}$ into Binary
d) $(8627)_8$ into hexadecimal
e) State Idempotent law of Boolean algebra.
- Q3 What are the firewalls? Explain their types.
- Q4 Explain TCP/IP Reference model.
- Q5 What are different network topologies? Explain with proper diagram and usage.
- Q6 a) What is the difference between multiprogramming and time-sharing?
b) What is batch-processing?
- Q7 How does a search engine work? Explain with the help of a block diagram.
- Q8 a) Explain the function of macros in MS office?
b) Explain different types of virus.

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

BACHELOR OF VOCATION
Management-Financial Services
Subject: Basics of Computers
Subject Code: GBSE103
Semester: First
December 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									

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

- A What is the decimal equivalent of the binary number 10111?
a) 21
b) 39
c) 42
d) 23
- B Which of the following statement is correct regarding a template prepared by a word processing package?
a) Any document can be saved as a template.
b) Default template is used when you create a new file.
c) Many templates contain text that gives one advice on how to use the template.
d) Default settings are reflected by the normal document template and cannot be overwritten.
- C A computer is accurate, but if the result of a computation is false, what is the main reason for it?
a) Power failure
b) The computer circuits
c) Incorrect data entry
d) Distraction
- D Write the function of following Shortcut keys:
a) Ctrl+U
b) Ctrl+I
c) Ctrl+A
d) Ctrl+B
- E The central processing unit is located in the _____.
a) Hard disk
b) System unit
c) Memory unit
d) Monitor

- F The network topology with highest reliability is
a) Bus
b) Ring
c) Star
d) Mesh
- G How many bytes does 4 kilobytes represent?
a) 512
b) 1024
c) 4096
d) 8192
- H Which type of program acts as an intermediary between a user of a computer and the computer hardware?
a) Operating system
b) User thread
c) Superuser thread
d) Application program
- I Which one of the following software applications would be the most appropriate for performing numerical and statistical calculations?
a) Database
b) Document processor
c) Graphics package
d) Spreadsheet
- J What is the speed of computer measured in?
a) Nanoseconds
b) Kilo-seconds
c) Gigahertz
d) Megabytes