



**BACHELOR OF VOCATION**  
**Agriculture**

**Subject: Fundamentals of Computers**  
**Subject Code: AGB-21102**

**Semester: First**  
**February 2022**

**Theory (External): 70 Marks**  
**Time: 03 Hours**

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**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 2 marks.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 10 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.

<b>Roll Number</b>									

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SECTION -A (SHORT/OBJECTIVE TYPE QUESTIONS)  
(10x2=20 Marks)

- A. What is ALU?
- B. What is protocol
- C. 1 TB is equal to .....?
- D. What is Spooling?
- E. Write shortcut keys for:
  - a) Cut
  - b) select all
  - c) paste
  - d) justify
- F. What are the advantages of star topology ?
- G. What is page orientation?
- H. Write excel function for
  - a) current date
  - b) average
  - c) to find uppercase
  - d) working days
- I. What is OCR?
- J. What is Virus?

SECTION -B (ESSAY TYPE QUESTIONS)  
(5x10=50 Marks)

- 1. a) What are the difference between volatile and Non-volatile Memory.  
b) Explain two Output device.
- 2. (i) Explain the functions of an operating system  
(ii) Short note on: Multiprocessor and real time operating system
- 3. Convert the following:
  - (111000111)<sub>2</sub> into Octal
  - (265)<sub>8</sub> into Decimal
  - (88)<sub>10</sub> into Binary
  - (5628) into Hexadecimal
  - State Idempotent law of Boolean algebra.
- 4. Explain the main feature of window operating system. How it is differ from UNIX OS?
- 5. Explain layers of TCP/IP model.
- 6. Explain each steps involve in Mail Merge in Ms. Word.
- 7. Explain topologies in computer network? Also give its advantages and Disadvantages
- 8. a) What are different ERP Tools and software?  
b) Write down on the benefits of ERP.

\*\*\*\*\*END OF THE PAPER\*\*\*\*\*