B.Sc (Honours) FIRST SEM EXAMINATIONS, 2021

Subject: **COMPUTER SCIENCE**   **Course ID: 11514**

Course Title: COMPUTER FUNDAMENTALS

Full Marks: 25   **Time: 1 hr.15 min.**

The figures in the margin indicate full marks

UNIT I

1. **Answer *any five* of the following questions:**   **(5×1=5)**

   a) Write differences between OMR and OCR.

   b) What is cache memory?

   c) What is auxiliary memory? Give example.

   d) What is flash memory? Give an example.

   e) What is the full form of SMPS and UPS?

   f) What is register?

   g) What is utility software? Give an example.

   h) Define operating system.

UNIT II

2. **Answer *any two* of the following questions:**   **(2×5=10)**

   a) I) Differentiate between primary and secondary memory.

       II) Differentiate between RAM AND ROM.

   b) Convert i) $(12.250)_{10} = (?)_2$ ii) $(AB)_{16} = (?)_{10}$

   c) What is printer? Describe different types of printer.   1+4=5

   d) Describe about Bluetooth.

UNIT III

3. **Answer *any one* of the following questions:**   **(1×10=10)**

   a) What is bus? Describe different types of bus in computer system.   2+8=10

   b) Describe different types of operating system with example.