MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

Paper Code : GE3B-01 IT Literacy

UPID : 2510001

Time Allotted : 3 Hours   *Full Marks :70*

The Figures in the margin indicate full marks.
Candidate are required to give their answers in their own words as far as practicable

Group-A (Very Short Answer Type Question)

1. Answer *any ten* of the following :   [1 x 10 = 10]
   - (I)   What is digital transformation?
   - (II) Give an example of one popular presentation software.
   - (III) ERP stands for _____
   - (IV) What is the extension of Notepad?
   - (V)   What is the Internet?
   - (VI) What are the two basic types of memory in a Computer?
   - (VII) What are the common challenges of digital transformation?
   - (VIII) Which of the following shortcut key is used to start the slideshow?
   - (IX) The Management Information System receives input from the _____
   - (X)   What command is used to clear the screen in DOS?
   - (XI) A structure is a user-defined data type in programming languages such as C, C++, and others. (True/False)
   - (XII) What is encryption in data storage?

Group-B (Short Answer Type Question)

Answer *any three* of the following :   [5 x 3 = 15]

2. What are the impacts of Digital media on business?   [5]
3. Mention the steps required to add graphics in PowerPoint?   [5]
4. Mention the major role of DBA. Discuss the differences between DDL and DML.   [5]
5. What is 'function' in programming? Write down a program using 'function'.   [5]
6. What is RFID and what are the applications of RFID in sports management?   [5]

Group-C (Long Answer Type Question)

Answer *any three* of the following :   [15 x 3 = 45]

7. (a) What is the Internet? What are the applications of the Internet?   [7]
   (b) What are the applications of the C language?   [5]
   (c) What is Mail Merge?   [3]
8. (a) What is primary memory? What are the characteristics of primary memory?   [5]
   (b) Mention the differences between RAM & ROM.   [5]
   (c) Briefly discuss different types of ROM.   [5]
9. (a) Critically analyze the impact of emerging technologies (such as artificial intelligence, blockchain,   [8]
       Internet of Things, etc.) on digital transformation and innovation in various industries.
   (b) Discuss the opportunities and challenges associated with the adoption of these technologies.   [7]
10. (a) Discuss the role of templates in Microsoft Word.   [5]
    (b) What are the components of the Print Preview toolbar?   [5]
    (c) Differentiate between 'Save' and 'Save As' options.   [5]
11. (a) Mention the differences between Windows and Linux operating systems.   [5]
    (b) What are the differences between Process and Thread?   [5]
    (c) Describe the differences between Interpreter and Assembler.   [5]

*** END OF PAPER ***