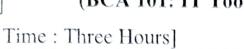
#### 1475/I

# B.C.A. (Part-I) EXAMINATION, 2023-24

## [First Semester]

### Paper: I

(BCA 101: IT Tools and Applications)



152

[Maximum Marks: 70

- **Note:** (i) Answer **five** questions in all.
  - (ii) Question No. 1 is compulsory.
  - (iii) Answer remaining **four** questions, selecting **two** from each Section A and B.
  - (iv) All questions carry equal marks.
- 1. Answer all parts of the following:
  - (a) How RAM differ from ROM?
  - (b) In what way DOS differ from WINDOWS?
  - (c) Write at least five characteristics of Computer.
  - (d) What is BCD and how is it used in Computer system?

### Section-A

- 2. Discuss the definition, function as well as type of operating system in details with appropriate example.
- 3. How software differ from Hardware? Describe the difference between application as well as system software with suitable example.
- 4. What is multimedia? Describe its needs in different fields.

- 5. Convert the following:
  - (i)  $(1001.0010)_2 = (?)_{10}$
  - (ii) Convert  $(59.72)_{10}$  to BCD
  - (iii)  $(8B3F)_{16} = (?)_2$
  - (iv)  $(76)_8 = (?)_2$

#### Section-B

- 6. (a) Differentiate between compiler and interpreter.
  - (b) How Internal DOS command differ from External DOS commands? Illustrate with its appropriate commands/examples.
- 7. (a) State the difference between primary and secondary memory with example.
  - (b) Discuss in details about ASCII code and its use.
- 8. (a) Define Ms Word and it's any three features write the step for spell checking by MS Word.
  - (b) What is the significance of MS-PowerPoint and also state the best application of its practical life.
- 9. Write notes any **two** of the following:
  - (a) Memory Organization
  - (b) Statistical functions used in MS-Excel
  - (c) Application of IT

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