

1475/I

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

[First Semester]

Paper : I

(BCA 101: IT Tools and Applications)



Time : Three Hours]

[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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