

Roll No. : .....

Total No. of Questions : 11 ]

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# **D-200**

## **B.C.A. (Part-I) Examination, 2023 COMPUTER FUNDAMENTALS**

Paper - BCA-105

*Time : 3 Hours ]*

*[ Maximum Marks : 70*

### **Section-A**

**(Marks : 2 × 10 = 20)**

*Note :-* Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

### **Section-B**

**(Marks : 4 × 5 = 20)**

*Note :-* Answer all *five* questions. Each question has internal choice (Answer limit **50** words). Each question carries **4** marks.

### **Section-C**

**(Marks : 10 × 3 = 30)**

*Note :-* Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

### **Section-A**

1. (i) Draw a Block diagram of Computer.
- (ii) What is Application Software ?
- (iii) What is LINUX ?

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- (iv) Write any *five* shortcut in Microsoft Word.
- (v) Define Cell References.
- (vi) What is Cell Pointer ?
- (vii) Define Latex.
- (viii) What is Google Sheet ?
- (ix) Define Algorithm.
- (x) Define Prime number with example.

### **Section-B**

2. What is Memory ? Differentiate between Primary and Secondary Memory.

*Or*

What is Language ? Explain high level language in computer.

3. What is Software ? Explain open source software.

*Or*

Explain create and manage tables in Microsoft Word.

4. What is Spreadsheet Software ? Write down the steps to create a form with example in worksheet.

*Or*

Explain different templates and formatting slides in PowerPoint Presentation.

5. Write the steps to create a document in Google docs and its uses.

*Or*

Describe Google Site.

6. Write algorithm for determine Armstrong number of a given value.

*Or*

Explain analysis of Algorithm.

### **Section–C**

7. What is Computer ? Define Generation of Computer.
8. Explain in MS-Word :
- (a) Macros
  - (b) Equation Editor
  - (c) Spell checker
9. Define Data type, freezpane and editing features in worksheet.
10. Define Google slides and also explain usage and steps for creating a google slides.
11. What is Algorithm ? Explain any *two* unsolved problems in computer science.