Progressive Education Society's
Modern College of Arts, Science & Commerce
Ganeshkhind, Pune – 16
End Semester Examination: Jan.2023
Faculty: Science and Technology

Program	**BCA**	**Semester: I**	
Program (Specific)	**BCA(Science)**		
Class	**FYBCA**	**Course Type**	**CC**
Name of the Course	**Fundamentals of Computers**	**Max. Marks**	**70**
Course Code	**22-BCA-111**	**Time**	**3 hours**
Paper	**-**		

Instructions to Candidates: -

1. *There are 4 sections in the question paper. Write each section on a separate page.*
2. *All Sections are compulsory.*
3. *Figures to the right indicate full marks.*
4. *Draw a well labelled diagram wherever necessary.*

SECTION: A

Q. 1.   **Attempt the following.**

A   **Multiple choice question**   **[5x1=5]**

1   _____ is the ability of a computer to perform the same job exactly in the same way in number of time.
 a) Calculating   b) Resolution c) Reliability   d) Computing

2   In _____keyboard, the keys are arranged in a specific order, not in the ABCD order.
 a) QWERTY   b) Gaming   c) Infrared   d) Laser

3   The _____ is the very first screen you seen after windows starts.
 a) GUI   b) Menu   c) Desktop   d) Window7

4   _____ allows us to create a computerized ledger.
 a) Word doc   b) Spreadsheet   c) Power point   d) Google Docs

5   …. is the spreadsheet application that comes with MS Office software group.
 a) MS Word   b) MS Excel c) MS PowerPoint   d)MS Access

B

Answer the following questions in one or two sentences.   **[5x1=5]**

1   What is Compiler?

2   What is RAM?

3   What is anti-plagiarism?

4   Define the term Animation.

5   What is function in MS – Excel?

SECTION: B

Q. 2.

Answer the following questions(attempt any 5)   **[5x3=15]**

1   Convert the following:
     a. $(1110111)_2 = (\ ?\ )_{10}$ b. $(777)_8 = (\ ?\ )_{10}$
2   What is Modem? Explain it.

3   Explain any three functions of operating system.

4   Write a short note on IDEs.

5   How to insert foot-node & end note in MS-Word?

6   Explain open source software with example.

SECTION: C

Q.3.

Answer the following questions(attempt any 5)   **[5x4=20]**

1   What is computer language? Explain assembly level and high level language with example.

2   Explain the network devices :
     a.   Switches, b. Hubs
3   Write short note on:
           a. google docs   b. google forms
4   Write short note on:
           a. notepad   b. vi
5   What are the various components of slide in MS – PowerPoint?

6   Explain in brief about the Bullets & Numberings in MS-Word

7   What are different types of printer? Explain any one types of printer in detail.

SECTION: D

Q.4.   **Answer the following questions(attempt any 5)**   **[5x5=25]**

1   Discuss about various characteristics of computers.

2   Explain the basic components of CPU with block diagram.

3   Explain application and system software with example.

4   Write a short note on DTP.

5   What is a spreadsheet? .How to creating, editing, saving and printing in spreadsheets?

6   Write a short note on
     a. Defragmentation   b. Compression/ Decompression of files.
7   What is number system? Explain octal and hexadecimal number system.