

BCA 1st Semester (Honours) Examination-2022-23

BACHELOR OF COMPUTER APPLICATION

(NEW SYLLABUS)

Course ID : 13311

Course Code : CC-01

**Course Title : COMPUTER FUNDAMENTAL AND
PC SOFTWARE**

Time : 2 Hours

Full Marks : 50

The figures in the right hand margin indicate full marks.

*Candidates are required to give their answers in their
own words as far as practicable.*

Group - A

1. Answer *all* questions : 1×10=10

(i) Which of the following is not an input device?

(a) OCR

(b) Optical scanner

(c) Voice recognition

(d) COM (Computer output to microfilm)

(e) None of the above

- (ii) Which of the following is not a valid version of MS-Office?
- (a) Office XP
 - (b) Office Vista
 - (c) Office 2007
 - (d) Both a & c
 - (e) None of the above
- (iii) Which of the following storage device can hold maximum no of data?
- (a) Floppy disk
 - (b) Hard disk
 - (c) Magnetic disk
 - (d) Magnetic optic disk
 - (e) None of the above
- (iv) Machine language is:
- (a) Machine dependent
 - (b) Difficult to program
 - (c) Error Prone
 - (d) All of the above
 - (e) None of the above

Group – D

4. Answer **any one** question : 10×1=10
- i) (a) Describe different steps for creating animated slide.
 - (b) Define and distinguish between application software and system software. 4+6
 - ii) What is "generation" in computer terminology? List various computer generations along with key characteristics of computers of each generation.
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- ii) Write down the characteristics of a good programming language. What type of error in a program a compiler can detect? 4+1
- iii) Write down the main functions of an operating system.
- iv) What is Internet search engine? Write down the difference between the web browser and search engine. 1+4
- v) Briefly describe different types of computers.
- vi) Write down the difference between DOS and Windows. What is the use of Control panel icon in ms-windows? 3+2

- (v) Algorithm and flow chart help us to:
- Specify the problem completely and clearly
 - Know the memory capacity
 - Identify the base of a number system
 - Direct the output to a printer
 - None of the above
- (vi) The word processing task associated with changing the appearance of the document is:
- Editing
 - Writing
 - Formatting
 - All of the above
 - None of the above
- (vii) Which generation of computer are still under development:
- First generation
 - Second generation
 - Fourth generation
 - Fifth generation
 - None of the above

- (viii) Quick Heal, Norton, McAfee, AVG etc are the examples of
- Anti virus
 - Boot sector virus
 - Trojan horse
 - Worms
 - None of the above
- (ix) Computer can be linked to the internet through the:
- Phone line modem
 - DSL
 - Cable modem
 - All of the above
 - None of the above
- (x) Which control panel icon will allow you to adjust your power option?
- Hardware and sound
 - Network and internet
 - Appearance and personalization
 - Programs
 - None of the above

Group – B

2. Answer **any five** questions : 2×5=10
- What is icon?
 - How can you sum up the rows and the column number quickly to the Excel- sheet?
 - Write full form of following abbreviations used in computer terminology: EPROM, UNIVAC, FTP, VLSI
 - What is polymorphic virus?
 - Write down the uses of Optical disks.
 - Define interpreter. Illustrate the role of an interpreter.
 - What is utility program?
 - Write down the limitation of flowcharting.

Group – C

3. Answer **any four** questions : 5×4=20
- Draw a flowchart for an algorithm to add up all even numbers between 0 to 100 and print the result.