

**MODEL QUESTION PAPER-II(NEP)
BCA I SEMESTER**

**Sub: computer Fundamental
Date: 23-02-2022**

**Max Marks: 60
Time: 02.00 Hrs**

Read Instructions carefully.

- a. Answer any Six Questions from Question 1
- b. Answer any Three each Questions from Question 2,3,4 and 5

1. Answer any six questions (Two Questions from each unit) 2X6=12

- a. What is the role of control unit?
- b. How computers are important in communication?
- c. What is positional number system ?give an example.
- d. Define unicode.
- e. What are the advantages of machine level language.
- f. Define algorithm and flowcharts.
- g. What is system software? give an example.
- h. Define web server and WWW.

2. Answer any three questions (Covers Unit-I). 4X3=12

- a. Explain any five characteristics of a computer in detail.
- b. What is RAM? Explain various types of RAM.
- c. Discuss any five differences between second and third generations of computers.
- d. Explain the applications of computers in any five areas.

3. Answer any three questions (Covers Unit-II). 4X3=12

a. Convert decimal number (425)₁₀ to its equivalent binary and octal number .

b. What is binary arithmetic? state the four rules in respect of

i) binary addition ii) binary division

c. Explain different types of language translators.

d. Explain any six symbols used in a flowcharts.

4. Answer any three questions (Covers Unit-III). 4X3=12

a. List and explain any two types of system software.

b. Explain the types of operating system.

c. Draw neat diagram of logical architecture of computer system, showing operating system and explain.

d. State the purpose and syntax of following commands.

a) ls

b) cat

c) mkdir

d) mv

e) grep

f) rm

5. Answer any three questions (Covers Unit-IV). 4X3=12

a. Explain the Classification of SQL.

b. Explain the applications of file processing system.

c. Explain the following the terms :

i)web server

ii) Internet

iii) webpage

iv) ISP

d. Discuss any four different types of internet connections.