QUESTION BANK FORMAT 2023-2024 – UG

Programme : BCOM

Course Name : COMPUTER PROGRAMMING

Semester : III

Name of Question Bank designer: Ms.Jyoti Yadav

Note:

1. Do not change the format or use self-created formats.

2. The format of question bank for 1 Mark questions with options a, b, c, d (multiple choice) is attached separately.

3. It is mandatory to give a minimum of 20 questions per unit in the format for 5 marks.

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SYBcom Sem III
CP-I   ICA

Question Bank.   (Internal Examination)

Explain Binary and Decimal Number System with example.
Explain Flowchart Notations with example.
What is Algorithm? Explain types of Algorithms.
What is software? Explain different types of softwares.
Write a C program to perform addition of 2 numbers.
Explain Octal and Hexadecimal Number System with example.
Draw Flowchart of Addition of two numbers.
Explain any 2 input and 2 output device.
Differentiate between compiler and interpreter
Write a C program to perform average of 2 numbers.
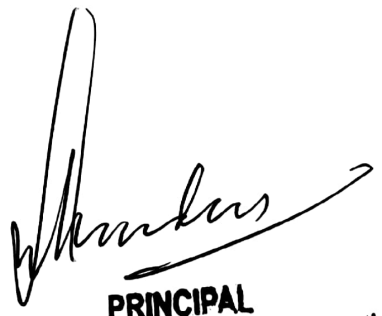
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	BBA
	BUNTS COLLEGE OF HIGHER EDUCATION (Night College)
	UNIT TEST EXAM SEPTEMBER -2023

Date:	SEM: III	SUBJECT: COMPUTER PROGRAMMING -I	Time:
Class:			Marks: 20

Note: All Questions are compulsory. Figures to the right indicate full marks.

Q1.		Answer in brief. (Any 4) (each 5 marks) –	(20)
CO1	i.	Explain Binary and Decimal Number System with example.	
CO1	ii.	Explain Flowchart Notations with example.	
CO2	iii.	What is Algorithm? Explain types of Algorithms.	
CO2	iv.	What is software? Explain different types of softwares.	
CO1 & CO2	v.	Write a C program to perform addition of 2 numbers.	

Fill in the blanks:

1 byte=_____bit
1
0
4
2

2. The technology used in 1st generation computer is_____
IC
Vacuum tubes
Radios
Transistors

3. binary value of 7 is_____
000111
111100
110000
001100

4. decimal value of 0101 is____
6
2
3
5

5. ____ is written in symbolic form.
Flowchart
Algorithm
program
statements

6. ____represents connector for joining parts of flowchart.
Rectangle
Circle
Parallelogram
Square

7. Ellipse represents_____
Flow control
start and end
Only end
decision

8. C programming was developed by_____
James gosling
Denies gosling
James Ritchie
Denies Ritchie

9. _____is reserved words.
Int
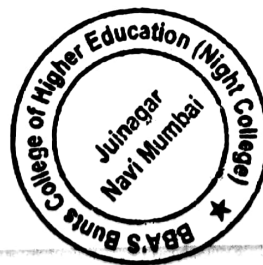
header
header files
files

10 . ____begins with backslash(\)
characters
escape characters
strings
numbers

11.Decimal number system has __ symbol
10

2

16

8

12. The technology used in first generation computer is_____

IC

Vacuum tubes

Radios

Transistors

13. binary value of 12 is_____

111000

111100

110000

001100

14. decimal value of 000000111 is____

3

5

2

7

15. _____ uses symbols for its representation.

Flowchart

Algorithm

program

statements

16. _____represents to start the flowchart.

Rounded Rectangle

Circle

Parallelogram

Square

17. Diamond represents_____

Flow control

start

end

decision

18. C programming was developed by_____

James gosling

Denies gosling

James Ritchie

Denies Ritchie

19. _____are used to store reserved words.

variables

statements

header files

files

20 . _____is the datatype in C.

characters

Char

decimal

numbers

Answer the following true or false:

1. The speed of screen is measured in clock.

2. Java is a programming language.
3. In every c programming printf() is mandatory.
4. 1024 kb=1Mb
5. In the hexadecimal number system there are 8 symbols.
6. \n moves the cursor to the next line.
7. Diamond symbol in flowchart is used for output.
8. C is an object oriented programming language.
9. OS acts as an interface between software & hardware.
10. Keywords must be written in uppercase.

Explain binary number system.
Explain characteristics of operating system.
Explain Compiler and Interpreter.
Explain types of computer.Explain Decimal number system.
Explain various input & output devices.

Explain the concept of Flowchart .
Explain different parts of computer.

Write a program to calculate addition of two numbers in C programming
Explain the qualities of writing good Algorithm.
Draw flowchart to perform an average of 2 numbers.
Write an algorithm to perform simple interest .
Write a program to calculate multiplication of 2 numbers in C programming
Explain the concept of algorithm with example.
Explain Flowchart symbols.
Write an algorithm to perform calculation of area of circle.

Explain if-else if statement.
Explain decision making statements with example in C programming.
Explain data types in C programming.
Explain the while loop statement with example.
Explain printf() & scanf() function with examples .
Explain if statement with an example.
Explain int and float,Char data type with example in C programming.
Explain if –else statement with example.

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Write short notes on:
Decimal number system.
1's & 2's complement.
While loop
Flowchart
Hexadecimal number system operations.
If statement in C .
Functions of operating system.
Conversion of binary to decimal system.
Types of Algorithm.

SEM:III   Class:SYBCOM   SUBJECT: COMPUTER PROGRAMMING   Time:

Date: Marks: 75

Note: All Questions are compulsory. Figures to the right indicate full marks.

Q1. (A)   Fill in the blanks: (any 8)   (08)

CO1 &
CO2

1. 1 byte=____bit
   a) 1
   b) 0
   c) 4
   d) 2

2. The technology used in 1st generation computer is_____
   a) IC
   b) Vacuum tubes
   c) Radios
   d) Transistors

3. binary value of 7 is_____
   a) 000111
   b) 111100
   c) 110000
   d) 001100

4. decimal value of 0101 is____
   a) 6
   b) 2
   c) 3
   d) 5

5. ____ is written in symbolic form.
   a) Flowchart
   b) Algorithm
   c) program
   d) statements

6. ____represents connector for joining parts of flowchart.
   a) Rectangle
   b) Circle
   c) Parallelogram
   d) Square

7. Ellipse represents_____
   a) Flow control
   b) start and end
   c) Only end

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d) decision

8. C programming was developed by_____
   a) James gosling
   b) Denies gosling
   c) James Ritchie
   d) Denies Ritchie

9. _____is reserved words.
   a) Int
   b) header
   c) header files
   d) files

10. ____begins with backslash(\)
   a) characters
   b) escape characters
   c) strings
   d) numbers

Q1. (B)   Answer the following true or false: (any 7)   CO1 & CO2   (07)

1. The speed of second generation computers where measured in milliseconds.
2. Java is a programming language.
3. In every c programming printf() is mandatory.
4. 1024 kb=1Mb
5. In the hexadecimal number system there are 8 symbols.
6. \n moves the cursor to the next line.
7. Diamond symbol in flowchart is used for output.
8. C is an object oriented programming language.
9. OS acts as an interface between software & hardware.
10. Keywords must be written in uppercase.

Q2.	(a)	Explain binary number system. CO1	(08)
	(b)	Explain characteristics of operating system.	(07)

OR

	(c)	Explain Compiler and Interpreter. CO1	(08)
	(d)	Explain types of computer.	(07)
Q3.	(a)	Write a program to calculate addition of two numbers in C programming	(08)
	(b)	Explain the qualities of writing good Algorithm. CO2	(07)

OR

	(c)	Draw flowchart to perform an average of 2 numbers.	(08)
	(d)	Write an algorithm to perform simple interest .	(07)
Q4.	(a)	Explain printf() & scanf() function with examples . CO2	(08)
	(b)	Explain if statement with an example.	(07)

OR   CO1 & CO2

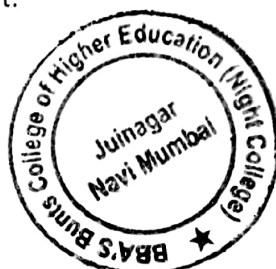|			
	(c)	Explain int and float,Char data type with example in C programming.	(08)
	(d)	Explain if –else statement with example.	(07)

Q5.   Write short notes on: (any 3)   CO1 & CO2   (15)
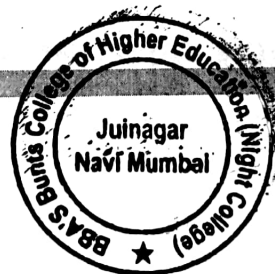   i.   Decimal number system.
   ii.   1's & 2's complement.

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Assignment of Marks as per Po's & co's

SEMESTER -	III				
BATCH	2023-2024				
PROGRAMME NAME -	BCOM				
COURSE NAME -	COMPUTER PROGRAMMING				
FACULTY INCHARGE -	MS.JYOTI YADAV				
CREDIT	2				
CIA %	40%				
SEE%	60%				
Parameter Name (Assesment type)*	Exam Type: (Mid Term/Continuous Assesment/End Term)*	Exam Mode :(Online/Offline)*	MARKS*	WEIGHTAGE*(%)	Remarks
Attendance	Continuous Assesment	OFFLINE	5	25	As per evaluation scheme given by university of mumbai
Continuous Internal Assessment	Continuous Assesment	OFFLINE	20		
Assignments	Continuous Assesment	OFFLINE	5		
External Examination	Term End	OFFLINE	75	75	
note: out of attendance & assignment one is selected as 5 marks critera				100	
				Warning:Total Weightatge should be equivalent to CIA %, Check weightage column entry	

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Phone: (022) 27703156 Email: bba.bche@gmail.com

Attainment of CO

A	B	C
result analysis for academic year 2023-2024		
Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
BACHELOR OF COMMERCE	82	24
BACHELOR OF MANAGEMENT STUDIES	33	19
BACHELOR OF COMMERCE IN ACCOUNTING & FINANCE	15	7

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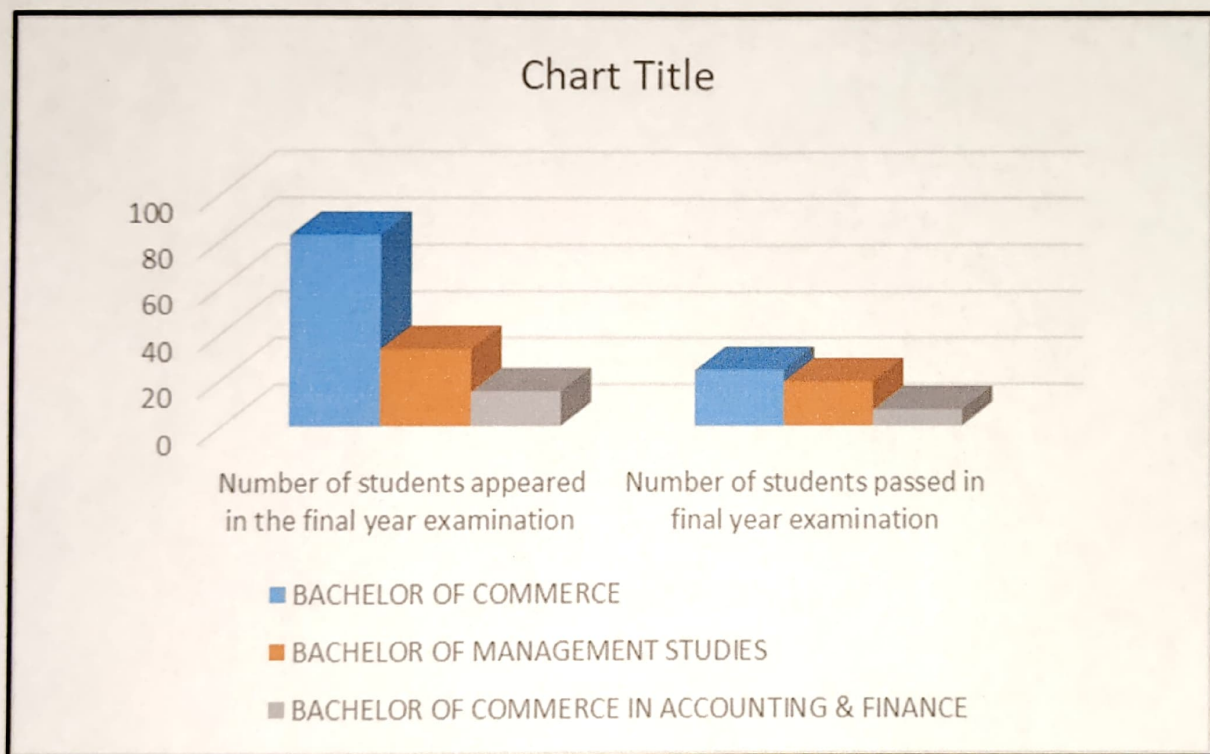(Night College) Juinagar, Navi Mumbai.

Chart of Result Analysis for Academic Year 2023-2024

Chart Title

Number of students appeared in the final year examination

Number of students passed in final year examination

- BACHELOR OF COMMERCE
- BACHELOR OF MANAGEMENT STUDIES
- BACHELOR OF COMMERCE IN ACCOUNTING & FINANCE

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