



FACULTY OF COMPUTER SCIENCE & MULTIMEDIA

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| Program | : Bachelor of Information Technology (Hons.) |
| Course | : C PROGRAMMING |
| Course Code | : BIT 115 |
| Year/ Semester | : I Year /I Semester |
| Assessment | : Assignment |
| Weightage | : 20 Marks |
| Date | : 11th May 2020–Monday |

Instruction to candidates

- 1) Plagiarism - The University will not tolerate cheating, or assisting others to cheat, and views cheating in coursework as serious academic offence. The work that a student submits for grading must be the student's own work, reflecting his or her learning. Where work from other sources is used, it must be properly acknowledged and referenced.
- 2) Times New Roman, font size 12, alignment justified and 1.5 line spacing
- 3) Header to indicate: course Code & Name on the top left and Program and Semester on the right
- 4) Footer to indicate: Page numbers on the bottom right
- 5) Kindly save your file in PDF format

Answer the following questions

1. Write a program in C to print all the prime numbers between 1 and 100.

2. Write a program in C to generate following pattern.

1

23

456

78910

3. Write a menu driven program using switch case to calculate

a. Area of circle

b. Area of sphere

4. Some text file is given; create another text file replacing the following words “Ram” to “Hari”, “Sita” to “Gita”, and “Govinda” to “Shiva”. Define a structure Employee having data members name, address and salary. Take data for n employee in an array dynamically and find the average salary.

******BEST OF LUCK******