

Babu Madhav Institute of Information Technology
5 years Integrated M.Sc. (IT) (1st Semester)
Subject – Fundamentals of Programming (CS3018)
CIE- 1
Set-A

Duration: 90 Minutes

Max. Marks: 30

- Q-1** Attempt any one **[10]**
- (A) Write a c++ program to print following series:
0, 1, 1, 2, 3, 5, 8, 13, 21 etc.
- (B) Write a program to print following matrix using loop
55555
45555
34555
23455
12345
- (C) Write a program to print following series:
71 55 46 42 41 etc.
- Q-2** Write a program which accepts the students detail and perform following operations: **[20]**
- Detail to be accepted:**
Enrollment number, Student first name, student last name, names of five subject, marks of five subject
- Operations:**
Take input from the user
Calculate total and percentage
Display result in proper format where student's full name should be displayed after merging
Display name of the subject in which student have obtained 100 on 100
Note: use concept of array and string