M.Sc 1st Semester examination, 2017
Department of Mathematics, Mugberia Gangadhar Mahavidyalaya

Sub: C Language

Paper MTM – 104

Internal assessment :: 2017

FULL MARKS : 20 :: Time : 45 min.

Answer any five questions: 4×5=20

1. Distinguish array and structure.
2. Write a C program to count number of vowels in a given string.
3. Distinguish between structure and union.
4. Briefly discuss, differences between while and do-while loop.
5. Write a C program to calculate value of x^y, without using library functions and loops (while, do-while and for). Where x and y are two positive integers.
6. Develop a C program to multiply x and y without using multiplication operator. Where x and y are two positive integers.
7. Write a C program to generate n Fibonacci numbers using recursion.

MSc First Semester – 2017

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F.M – 20 Time: 1 hour

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