

Mathematics Hons 5th Semester 2021

C Programming Assignment

Total Marks 5X4=20

Answer all the questions

1. What are the features of the C language? What is the difference between the local variable and global variable in C? What is recursion in C? $2+2+1=5$
2. What is the use of a static variable in C? What is a pointer in C? What is the usage of the pointer in C? What is a NULL pointer in C? $2+1+1+1=5$
3. What is static memory allocation? What is dynamic memory allocation? What is the difference between malloc() and calloc()? What is a token? $1+1+2+1=5$
4. What is the use of the function in C? Differentiate between union and structure in C? What is the difference between call by value and call by reference in C? $1+2+2=5$