Computer Systems and Programming In C (RCS-201)
Unit 2 Question Bank

1. In C programming what will be the value of r if r=p%q where p=-17 and q=5. [2011-12]
2. In C programming, what will be the output of the following code? Explain your answer. [2011-12]
3. What are identifiers, variables and constants? Mention rules to construct an identifier. Give some examples. [2012-13]
4. What is the meaning of scope of a variable? Give various types of scope in C programming? [2011-12]
5. Write a Program (WAP) in C in which values of variables x, y, x are input by the user, then their values are rotated such that x has value of y, y has value of z, and z has value of y. [2011-12]
6. Explain datatypes in 'C' language, mentioning their range, space they occupy in memory and keyword used for their representation in memory. [2011-12][2015-16]
7. Explain four storage classes in C, mentioning their place of storage, default initial value, scope and life of each item [2011-12][2013-14]]2014-15][2015-16]
8. What do you mean by operator precedence and associativity. [2013-14][2015-16]
9. What do you mean by implicit and explicit typecasting? [2013-14][2015-16]
10. What is difference between type conversion and type casting. What are the escape sequences characters? [2015-16]
11. Give any four format specifiers used in printf() [2013-14]
12. Explain the ternary operator in detail with example. [2012-13]
13. Explain various operators present in C?
14. Explain logical and bit operators with example. [2014-15]
15. Write about the formatted and unformatted Input/Output functions in C. [2014-15]
16. Explain the dot (.) operator in C language with proper example? [2015-16]
17. Explain the general structure or layout of a C program? [2015-16]
18. Write a short note on structured programming. [2015-16]
19. Explain loading and linking of a program in detail. [2015-16]
20. Define storage class in c.

Question from odd sem. (2016-17)
21. Explain the basic structure of a C program. (2 Marks)
22. Distinguish between int main() and void main().(2 Marks)
23. Define data types in c. Discuss primitive data types in terms of memory occupied, format specified and range.(3.5 Marks)