

S.S.M.S
S.B.B Alias Appasaheb Jedhe Art's, Commerce & Science College
B.Sc Computer Science Department

F.Y.B.Sc (Computer Science) Internal Examination, Feb. 2017

CS (I) Problem Solving Using Computers and C Programming

Time: 1 Hour

Date : 27th Feb 2017

Marks: 20

Instructions: a) All Questions are compulsory.
b) Figures to the right indicate full marks.
c) Neat diagrams must be drawn wherever necessary.

Q. Answers the following questions. (Any 10)

(2 × 10 = 20)

1. Why C Language is Called Middle Level Language. Comment
2. What are the advantages and disadvantages of Algorithm?
3. What is the structure and Union?
4. Explain the basic data types in C.
5. Explain the functions getchar and Puchar.
6. Explain the switch- case statement with example.
7. Explain for loop with example.
8. Define a Function and demonstrate with example.
9. What is recursion? Explain with example.
10. What is an Array? Discuss the limitation of an Array.
11. What is a pointer and What is its use?
12. State and explain any 4 string handling functions.
13. What is the use of dot (.) operator?
14. State and explain any 4 File handling functions