Contact: 01882-249968
Website: www.sdcollegehsp.net
Email: sdcollegehsp@gmail.com

B.C.A. – 1st Sem

English (Compulsory)-A

Question Bank

1. Describe the meaning of language and communication.
2. Why the poet is asking the ladies for no more sighs in the poem Sigh No More, Ladies?
3. How does the poem On the Morning of Christ's Nativity commemorates the birth of Jesus Christ?
4. Write the central idea of the poem When I Consider Life.
5. What is the importance of prayer according to the prose Prayer?
6. What is the central idea of the poem On Receipt of My Mother's Picture?
7. Describe the theme of the poem Lord Ullin's Daughter.
8. Explain the fundamental thought of the poem Lucy.
9. What does the author of The Model Millionaire want to convey through this prose?
10. Vocabulary, Idioms and translation based questions.
11. What is the meaning and importance of communication?
12. What according to the author is the importance of advertising in the prose Talk on Advertising?
13. Grammar based questions.

Contact: 01882-249968
Website: www.sdcollegehsp.net
Email: sdcollegehsp@gmail.com

B.C.A. – 1st sem

(Computer Fundamentals and Computing Software)

1. What is computer?
2. Various components of computers?
3. Characteristics of Computers?
4. Types of memory?
5. What is the difference between System and Application software?
6. What is workstation and PC?
7. What is DOS?
8. Difference between Command Based & Graphical user interface?
9. Components of MS-Office?
10. Features of MS Office?
11. Features of MS-Word
12. Difference between save and save as?
13. Feature of MS –Powerpoint?
14. Slide Transition
15. Slide animation?
16. What is slide?
17. Why we use presentations?
18. What is a cell in MS-Excel?
19. Write any two features of MS-Access.
20. Why we use excel?
21. What is data processing? Differentiate between data and information.
22. How many types of Computer System. Explain them.
23. What is meant by Computer Generations? List out the various generation in Computer technologies along with their characteristics
24. What is a computer? Draw a block diagram of a computer system and discuss the functionalities of each in detail. Explain different genera
25. Generations of computers.
26. Compare microcomputers, minicomputers and main frames in terms of size and cost.
27. What is Memory? Explain types of Memory in brief.
28. What is the difference between primary and secondary memory?
29. Differentiate between the characteristic of primary and secondary memory of computer.
30. Represent (2720) into the BCD, ASCII and EBCDIC format.
31. Convert (1100110100)2 into
    a) Decimal

Contact: 01882-249968
Website: www.sdcollegehsp.net
Email: sdcollegehsp@gmail.com

b) Octal
c) Hexadecimal.

32. Convert 11001.10 decimal to octal.
33. Convert 7604.53 octal to decimal
34. Define the terms: Compiler, interpreter, Assembler, Loader, and Linker.
35. Write one feature and one use of each of the following in MS-WORD : (6)
    (i) Template Wizards
    (ii) Macros
    (iii) Tab stops
36. What for find and replace is used in Word?
37. Define the software. List and explain the types of software. Give two examples of each category.
38. Write a step-by-step procedure to create a simple presentation using the POWERPOINT package whose slides include a title page (slide), a figure, bulleted text, a bar-graph and an organization chart.
39. Short notes on
    a) Machine Language
    b) High-Level Language
    c) Assembly Language
40. What are the various input devices? Explain any one in detail
41. What are the various output devices?
42. Difference between plotter and printer?
43. Explain DOS internal and external commands?
44. What is batch file? How it is created?
45. How macro is created in Ms-Word?
46. Explain the concept of booting?
47. Difference between hot and cold booting?
48. How mail merge is created?
49. Explain the various views available in MS-Powerpoint?
50. Explain the concept of Slide sorter view?

Contact: 01882-249968
Website: www.sdcollegehsp.net
Email: sdcollegehsp@gmail.com

B.C.A. – 1st Sem

(Problem Solving Through C)

Question Bank

1. Identifier
2. Character set
3. Constant and variables
4. Storage Class
5. Data types
6. Do-while loop
7. Difference b/w local and global variable.
8. '&' operator.
9. '*' operator.
10. What is pointer?
11. Free () function
12. What is string?
13. Can any of the three expressions in for loop be omitted? Justify.
14. What is null character?
15. Explain Nested structures.
16. How to open and close a file?
17. What is file?
18. How can you access structure members?
19. Why we use header files?
20. Discuss in detail various steps in developing a program.
21. What is data flow diagram? Discuss by taking an example of ATM system
22. What is decision table? Explain with the help of example.
23. What is data type? What are the data types in C language?
24. How can the number of bytes allocated to each basic data type to be determined for a particular C compiler?
25. Is '&' a unary or binary operator or both? Justify

Contact: 01882-249968
Website: www.sdcollegehsp.net
Email: sdcollegehsp@gmail.com

26. Explain with the help of diagram various decision control statements.
27. Explain various looping statements.
28. Can any of the three expressions in for loop be omitted? Justify.
29. Difference b/w switch and else-if statement.
30. Difference b/w call by value and call by reference.
31. What is an array? Discuss its types?
32. For each of the statement below assuming y=20 before of the statement, what are the values of x after execution.

(i) x=y==y--;

(ii) x=5*y++

33. Discuss various methods of dynamic memory allocation.
34. Discuss various string handling functions.
35. Difference b/w structure and union.
36. Discuss file streams hierarchy with the help of diagram.
37. Difference b/w text and binary files.
38. What is need of return statement?
39. Distinguish between malloc and calloc function.
40. How is an array name interpreted? How it is passed to function?
41. Differentiate between structure and union.
42. What is the relationship between array name and pointer?
43. Write a program

```
*
**
***
****
```

44. Write a program to print a table of ay number?
45. Write a program to find factorial of a number?
46. Write a program to find HCF of two numbers?
47. WAP to generate Fibonacci series?
48. Write down the statements that interchange the value of the two variables a and b, without using third variable.
49. How is program execution initiated when parameters are passed to a program through command line?
50. What is the purpose of the scanf() function? Compare it with getchar() function