

Code No. : B-227(A)

Annual Examination - 2017

B.Sc.-I

COMPUTER SCIENCE

Paper - II

COMPUTER SOFTWARE

Max.Marks : 50

Time : 3 Hrs.

Min Marks : 17

Note : Section 'A' is very short answer type, containing 10 questions, is compulsory. Section 'B' consists of short answer type questions and Section 'C' consists of long answer type questions. Section 'A' has to be solved first.

Section-'A'

Very short answer type questions. Answer in one or two lines. (1x10=10)

- Q.1 What is a character map?
- Q.2 What is a pseudocode?
- Q.3 How is a constant different from a variable?
- Q.4 What is the use of thesaurus in MS-Word?
- Q.5 What is a cell in MS-Excel?
- Q.6 What is the extension of a power point file?
- Q.7 What is meant by absolute and relative addressing?
- Q.8 What are search engines?
- Q.9 What is the difference between character and string?
- Q.10 Explain do-while loop.

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Section-'B'

**Short answer type questions with word limit 150-200
(3x5=15)**

Q.1 What is an operating system? What are the features of windows operating system?

OR

Explain the following :

- i) Windows Explorer
- ii) Recycle Bin
- iii) Object linking and embedding

Q.2 Draw a flowchart for a program which adds first 10 natural numbers.

OR

Which relational and logical operators are used in programming languages?

Q.3 What are the different views available in MS-Power Point? What is meant by transition?

OR

Discuss at least 2 database functions offered by MS-Excel with example.

Q.4 What is a search engine? Give at least 2 examples of search engine.

OR

What is meant by word processor? What are the features of word processor?

Q.5 What are the control statements used in C?

OR

Write a program using recursion to calculate the factorial of a given number.

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Section-'C'

**Long answer type questions with word limit 300-350
(5x5=25)**

Q.1 What are the different types of software? Explain HLL softwares?

OR

What are the rules for arithmetic expression? Discuss the hierarchy of mathematical, logical and relational operators.

Q.2 What is the difference between a function and Macro in MS-Excel?

OR

What are the different types of charts available in MS-Excel? Explain briefly.

Q.3 Explain the following :

- i) Jelnet
- ii) FTP

OR

What is Electronic Mail? What is meant by BCC and CC in e-mail?

Q.4 What is a firewall? What are the different types of firewall?

OR

What is Mail-merge feature in MS-Word? Write down the steps required to do mail merge operation.

Q.5 Write a program in C to create the following pyramid.

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     * *
    * * *
   * * * *

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OR

What are user defined and library functions? Write a program using any 2 string functions.

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