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BBA-2076

B. B. A. (Third Semester)

EXAMINATION, 2020

COMPUTER APPLICATION

Time : Three Hours

Maximum Marks : 50

Note : Attempt questions from both Sections as directed.

Section—A

(Short Answer Type Questions)

Note : Attempt any *ten* questions. Each question carries 2 marks. $10 \times 2 = 20$

1. What is an Algorithm ? Discuss the properties of an Algorithm.
2. What is BCD Code ? Explain with suitable example.

3. Give the difference between ASCII Code and UNI Code.
4. Name the different symbols used in flow chart.
5. Discuss the cyclomatic complexity for testing.
6. What is constant ? Compare it with the variable.
7. What is high level language ? Compare it with machine language.
8. What is Mnemonic code ? In which language this code is used ?
9. Discuss the software design methods in SE.
10. Why Interpreter is superior than compiler ?
11. Explain the different steps to create a table in MS-Word.
12. Write down the different steps to check the spelling in M. S.-Word Document.
13. Explain the following functions in MS-Excel :
 - (a) Sum ()
 - (b) Average function

14. What is Paragraph Alignment in MS-Excel ?
15. Give any *two* differences between Excel Sheet and Work Book.

Section—B

(Long Answer Type Questions)

Note : Attempt any *two* questions. Each question carries 15 marks. 2×15=30

1. Convert the following :
 - (a) $(84.76)_{10} \rightarrow (?)_2$
 - (b) $(35.AB)_{16} \rightarrow (?)_8$
 - (c) $(3746)_8 \rightarrow (?)_{16}$
 - (d) $(100101)_2 \rightarrow (?)_{10}$
2. What is Boolean Algebra ? Explain the following :
 - (a) De Morgan's Law
 - (b) Distributive Law in (Addition and Multiplication)

3. Explain the different Data types and Operators in C++. Why C++ is called an Object Oriented Programming Language ?

4. Write short notes on the following :

(a) Mail Merge

(b) Format Painter

(c) Insertion of Image in Excel