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BBA–2076

B. B. A. (Third Semester)
EXAMINATION, 2024-25
COMPUTER APPLICATIONS

Time : Two Hours

Maximum Marks : 50

Note : Attempt questions from all Sections as directed.

Section—A
(Very Short Answer Type Questions)

Note : Attempt any *five* questions in maximum 30 words. Each question carries 4 marks. 5×4=20

1. What is the binary number system ?

P. T. O.

2. How do you convert a binary number to decimal ?
3. Define BCD code.
4. What are the advantages of algorithms ?
5. What is machine language ?
6. What is an assembler ?
7. How do you insert a chart in MS-PowerPoint ?
8. What is cyclomatic complexity ?
9. What does the spell-check tool do in MS-Word ?
10. Convert binary number 11110 into a decimal number system.

Section—B

(Short Answer Type Questions)

Note : Attempt any *two* questions in maximum **150** words. Each question carries 7.5 marks. 2×7.5=15

1. What is algorithm ? Explain the process of algorithm design and problem analysis.

2. Explain the importance of metrics, measures and indicators in software engineering.

3. What are the key principles of user interface design in software engineering ?

4. Explain MS-Word with its uses.

Section—C

(Long Answer Type Questions)

Note : Attempt any *one* question in maximum **300** words. Each question carries 15 marks. 1×15=15

1. Explain Flowchart. Describe the flowcharting process, including the different symbols used in flowcharts. How are flowcharts helpful in software development ?

2. What is Spiral Model ? Compare and contrast the incremental model and the spiral model in software engineering. What are the benefits and drawbacks of each ?

3. Discuss the use of MS-PowerPoint for presentations. How can various features such as graphics, charts, animations and slide transitions enhance the quality and impact of a presentation ?

4. What is MS-Excel ? What is a workbook in MS-Excel ? How do you create a formula in MS-Excel ?