

Roll No.

Total No. of Questions : 12]
(1049)

[Total No. of Printed Pages : 4

UG (CBCS) Ist Year Annual Examination

2027

B.A. COMPUTER APPLICATION

(Problem Solving using Computer)

(Core)

(Common with B.Sc. Physical Science)

Paper : COMP101 TH

Time : 3 Hours]

[Maximum Marks : 50

Note :- Attempt *five* questions in all. Part-A is compulsory.
Attempt *one* question each from Units-I, II, III and IV.

Part-A

(Compulsory Questions)

1 each

Note :- Attempt all questions.

1. (i) Define ADDRESS in computer.

(ii) Define Seek Time.

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(1)

Turn Over

- (iii) Define Latency Time.
- (iv) List the advantages of magnetic disk over magnetic tape.
- (v) What do you understand by the term Parity ?
- (vi) How many data types are there in Python ?
- (vii) Is python a compiled language or interpreted ?
- (viii) What do you understand by the Word Tuples ?
- (ix) What are the various relational operators used in Python ?
- (x) What do you understand by the word atom in Python ?

Unit-I

10 each

Note :- Attempt any *one* question.

2. Explain the architecture of computer using diagram.
3. Discuss the generation of computer with special reference to modern computers.
4. Explain memory hierarchy in detail.

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Unit-II

10 each

Note :- Attempt any *one* question.

5. Write the steps involved in identification of problem.
6. Explain the different programming methodologies in detail.
7. Draw a flow chart to print all odd positive numbers upto 100.

Unit-III

10 each

Note :- Attempt any *one* question.

8. Write the various features of python and discuss its role in modern programming languages.
9. Write a python program to read a positive number and to print its factorial (e.g. $5! = 5*4*3*2*1$).
10. Write a program to print the product of given 10 numbers.

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Turn Over

Unit-IV

10 each

Note :- Attempt any *one* question.

11. What is event driven programming and how is it different from functional programming ?
12. Explain functions in python with example and discuss default arguments.

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UG (CBCS) Ist Year Annual Examination
2028

B.A. COMPUTER APPLICATION

(Office Automation Tools)

(Core)

(Common with B.Sc. Physical Science)

Paper : COMP 102 TH

Time : 3 Hours]

[Maximum Marks : 50

Note :- Attempt *five* questions in all. Part-A is compulsory.
Attempt *one* question each from Units-I, II, III and
IV.

Part-A

(Compulsory Questions)

1. Fill in the blanks :

- (i) Libre Office Suite is a type of software.
- (ii) MS-Word and are examples of Word
Processor.

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- (iii) is an electronic worksheet program with which we can create graphs and worksheets for financial and other numeric data.
- (iv) MS-Office is an application software comprising mainly of four packages MS-Word, MS-Excel, and
- (v) bar appears at the bottom of MS-Word document window and provides information as current page, number of words in the document.
- (vi) bar displays the title of the document on which one is currently working in MS-Word.
- (vii) Each cell on the spreadsheet has a that is the column letter and row number.
- (viii) is the function in MS Excel that returns the highest number among all the numbers in the given cells.

(ix) is a set of colour palettes, fonts, special effects and attractive background that gives the presentation a professional look.

(x) The extension of the Excel file is

Part-B

1×10=10

(Unit-I)

2. (a) What are Open Source Softwares ? Explain in context with Libre Office Suite. 2,3

(b) Explain the main packages included in Libre Office Suite. 5

3. (a) What do you mean by MS-Office ?

(b) Explain in detail the main features of MS-Office. 5,5

Part-C

(Unit-II)

4. Explain the terms in reference with MS-Word :

(a) Header and Footer

(b) Line Spacing 5,5

5. Explain with the help of examples different ways/ methods through which tables can be drawn in MS-Word. 10

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(3)

Turn Over

Part-D

(Unit-III)

6. (a) How many types of charts and graphs are available in MS-Excel ? Explain.
- (b) Write down the steps to make a chart in Excel worksheet with the help of an example. 5,5
7. Explain the terms :
- (a) Macros
- (b) Pivot Table 5,5

Part-E

(Unit-IV)

8. (a) What are the main features of a Good Presentation ? Explain. 2
- (b) What is Animation ? How the objects in a PowerPoint slide may be animated ? Explain. 4,4
9. Explain the terms :
- (a) Transitions
- (b) Slide Master 5,5