

**DISHA COLLEGE**  
**PRE-UNIVERSITY EXAMINATION – 2014-15**

**Subject: Introduction To PC Software And Internet Application**

**Class: B.C.A-I**

**Duration: 3 hrs.**

**Max. Marks: 100**

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**Note: Attempt any two part from Each Unit. All Questions carry Equal Marks.**

**Unit-01**

1. (a) How can we create table in MS-Word?
- (b) What are the various functions of page set up?
- (c) Write Down Steps For Inserting Header and Footer.

**Unit-02**

2. (a) Explain five Statistical functions with Syntax:
- (b) Explain about data validation and sorting features of MS-Excel with example.
- (c) Write down the steps to create a graph.

**Unit-03**

3. (a) What is MS-Power-point? Explain Procedure for creating slide.
- (b) Write down Steps for creating table in MS-Access.
- (c) Explain different Data Types in MS-Access.

**Unit-04**

4. (a) Explain Internal and External linking and img element of HTML with example.
- (b) Create web-page for Admission form of college using Form Tag of HTML
- (c) Write short notes on the following:
  - (i) Table Tag
  - (ii) Frame Tag

**Unit-05**

5. (a) What is Multimedia? Explain application of multimedia.
- (b) Explain different animation and graphics package with feature they provide for 2d and animation.
- (c) Short Notes on the following:
  - (i) Photoshop
  - (ii) Flash animation Software

**DISHA COLLEGE**  
**PRE-UNIVERSITY EXAMINATION – 2014-15**

**Subject: Computer Software**

**Class: B.Sc-I**

**Duration: 3 hrs.**

**Max. Marks: 50**

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**Note: Attempt any two part from Each Unit. All Questions carry Equal Marks.**

**Unit-01**

1. (a) What do you understand by Computer Operating System? Write different types of OS.
- (b) Write some programming constants and variable.
- (c) Explain DOS internal and external command.
- (d) What is Flowchart? What are the symbols used in flowchart? Draw a flowchart to find the largest of three numbers.

**Unit-02**

2. (a) What is the use of mail-merge? How to merge a document in mail?
- (b) Explain Following: www, telnet, ftp, and firewalls.
- (c) What is chart and explain its types with Example.
- (d) Explain the features and advantages of Word, Excel and Powerpoint.

**Unit-03**

3. (a) What is if –Statement? Explain Nested if with example.
- (b) WAP to find biggest among three numbers.
- (c) WAP to calculate factorial of any number.
- (d) What is for loop? Explain for loop with example.

**Unit-04**

4. (a) What are the different types of string function? Explain with example.
- (b) What is Pointer? How is it referenced? Write a program in c to explain void pointer.
- (c) What is Array ? Explain one-dimensional and multidimensional array with suitable diagram.
- (d) Write a program in c to explain the concept of array of pointer?

**Unit-05**

5. (a) What is a structure ? Explain how to declare, initialize, a structure? How a structure is different from a union.
- (b) What is dynamic memory allocation? Discuss various library function used for dynamic memory allocation.
- (c) Explain different types of Input-Output file handling functions in C.
- (d) Write a program in C to read text from a file.

**DISHA COLLEGE**  
**PRE-UNIVERSITY EXAMINATION – 2014-15**

**Subject: Software Engineering**

**Class: B.C.A-III**

**Duration: 3 hrs.**

**Max. Marks: 100**

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**Note: Attempt any two part from Each Unit. All Questions carry Equal Marks.**

**Unit 1**

1. (a) What is Software Development Life Cycle? Explain the different phases.
- (b) Explain Prototype model of the software process. Differentiate with Waterfall Model.
- (c) What is software crisis? How is this crisis solved by Software Engineering?

**Unit-2**

2. (a) Describe the Phase management process.
- (b) Explain Cost estimation.
- (c) Explain function oriented matrices.

**Unit 3**

3. (a) What is Data Flow Diagram? Draw a DFD for your University system.
- (b) Write a brief note on Data Dictionary.
- (c) What is SRS? How will you perform requirement analysis in software engineering?

**Unit-4**

4. (a) What is abstraction ? Explain different levels of abstraction.
- (b) Explain the following:
  - (i) Coupling and cohesion
  - (ii) Partitioning
- (c) Explain Top-down and bottom-up strategies of software design.

**Unit-5**

5. (a) Why do we need to perform software maintenance ?
- (b) Discuss about black box and white box testing in brief.
- (c) What do you mean by verification and validation? What is the difference between Verification and validation.

**DISHA COLLEGE**  
**PRE-UNIVERSITY EXAMINATION – 2014-15**

**Subject: Internet Application &E-Commerce (PAPER-I)**

**Class: B.Com-II**

**Duration: 3 hrs.**

**Max. Marks: 50**

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**Note: Attempt any two part from Each Unit. All Questions carry Equal Marks.**

**Unit-01**

1. (a) Explain Domain name service and Domain name system.
- (b) Explain the application of internet.
- (c) Short Notes On:
  - (i) Domain Name System
  - (ii) WWW

**Unit-02**

2. (a) What is HTML? Explain its uses.
- (b) Explain Basic HTML tag with Example.
- (c) Short notes on:
  - (i) CSS
  - (ii) XML

**Unit-03**

3. (a) How to create a table in HTML? Explain with example.
- (b) Write a tag for inserting an IMAGE in HTML.
- (c) Short notes on:
  - (i) Unordered List
  - (ii) Ordered List

**Unit-04**

4. (a) Write short notes on the following:
  - (i) e-Data Interchange
  - (ii) value Chain
- (b) Explain e-Commerce and also write the advantages and disadvantages of e-Commerce.
- (c) Explain E-Commerce and Trade Cycle.

**Unit-05**

5. (a) Explain the steps of online share trading.
- (b) Explain Customer Trade Translation
- (c) Explain Data interchange in brief.

