

C.O.O office 29/11/24 (eve)

Exam Code: 323501

K.M.V-T

Paper Code: 1282

Post Graduate Diploma in Computer Applications - Semester I

Course Title: PC Computing - I (Back Office Operations)

Course Code: PCAL-1111

Time: 3 Hours

Max. Marks: 70

Note: Attempt five questions, selecting one question from each section. The fifth question can be attempted from any section. Each question carries 14 marks.

#### SECTION A

- Q1. What are the different parts of MS Words Window? Explain the role of each part. (14)
- Q2. (a) How to insert a document into another document? (2)
- (b) Write the procedure for the following tasks in context with Ms Word:
- I. Header & Footer
  - II. Page setup
  - III. Spell Checker
- (3 x 4 = 12)

#### SECTION B

- Q3. (a) How to create table and format the table Explain in detail. (9)
- (b) How to add Picture, Watermark and Border & shading in a document? (5)
- Q4. What do you mean by presentation? How to start a new slide, saving presentation, moving/rearranging slides and printing slides? (14)

#### SECTION C

- Q5. (a) Define and distinguish between slide transition and animation. How these are applied in MS PowerPoint? (9)
- (b) How to add audio and Video in a slide? (5)
- Q6. Explain short note on the following.
- a) Slide transition
  - b) Custom animation
  - c) Multimedia
  - d) View
- (4 x 3.5 = 14)

#### SECTION D

- Q7. Explain various types of charts and also explain the process of converting one type to another. (14)
- Q8. (a) How do you query and filter the data in Excel?
- (b) How to perform "what if analysis" for data in worksheet? (2 X 7 = 14)



CEO Office 4-12-24 Eve KAU

Exam Code: 323501

Paper Code: 1283

Post Graduate Diploma in Computer Applications - Semester I

Course Title: Internet and Web Designing

Course Code: PCAL-1112

Time: 3 Hours

Max. Marks: 70

Note: Attempt five questions, selecting one question from each section. The fifth question can be attempted from any section. Each question carries 14 marks.

#### Section A

Q1. (a) Define WWW? How it works and explain the concept of web browsing.

(b) Explain Hypertext Transfer Protocol. (2 X 7 = 14)

Q2. What is E-Mail? What are the advantages and disadvantages of E-Mail? Explain the structure of email message. (14)

#### Section B

Q3. (a) How to insert Image in a web page and what are the attributes of image tag? (3)

(b) What are Lists and its types in HTML? Write code in HTML To make a list: (8)

##### A. INPUT DEVICES

- DIRECT INPUT
  - I. SCANNER
- INDIRECT INPUT
  - i. KEYBOARD
  - ii. MOUSE

##### B. OUTPUT DEVICES

##### C. STORAGE DEVICES

- a. DIRECT INPUT
  - i. SCANNER

(c) What are the limitations of HTML? (3)

Q4. (a) What do you mean by HTML? Explain the structure of HTML. (6)

(b) Explain the following with Example:

- I. Hyperlinks (Internal & External)
- II. Forms

(2 X 4 = 8)

#### Section C

Q5. (a) How to add cascading style sheet in HTML files?

(b) How Colors and Background are managed through CSS? (2 X 7 = 14)



Q6. (a) Explain CSS Box Model in detail.

(b) What is position property in CSS layout? What are the different values of position property explain with example. (2 X 7 = 14)

**Section D**

Q7. Explain the following:

- I. Arrays
- II. Objects
- III. Strings
- IV. Events

(4 X 3.5 = 14)

Q8. Explain in detail Document Object Model.

(14)



Exam Code: 323501

Paper Code: 1284

Post Graduate Diploma in Computer Applications - Semester I

Course Title: Fundamentals of Computer and Operating System

Course Code: PCAL-1113

Time: 3 Hours

Max. Marks: 70

Note: Attempt five questions, selecting one question from each section. The fifth question can be attempted from any section. Each question carries 14 marks.

**Section A**

- Q1) With the help of block diagram, explain components of computer. (14)
- Q2) a) Explain working of Joystick and Trackball. (9)
- b) Differentiate between system software and application software. (5)

**Section B**

- Q3) Explain workings of scanner, bar code reader and card reader. (14)
- Q4) What is computer memory? Explain its types. (14)

**Section C**

- Q5) Explain the term operating system. Write its functions in detail. (14)
- Q6) a) Differentiate between compiler and assembler. (5)
- b) Explain multiuser operating system in detail. (9)

**Section D**

- Q7) Write in detail the anatomy of a window. (14)
- Q8) Explain the following (4 \* 3.5 = 14)
- a) Start menu
  - b) Folder
  - c) My computer
  - d) How to copy a file from one folder to another



C.E.O office-14-12-24 K.M.V.I (EVE)

**Exam Code: 323501**

**Paper Code: 1285**

**Post Graduate Diploma in Computer Applications - Semester I**

**Course Title: Programming in Python**

**Course Code: PCAL-1114**

**Time: 3 Hours**

**Max. Marks: 70**

**Note:** Attempt five questions, selecting one question from each section. The fifth question can be attempted from any section. Each question carries 14 marks.

**SECTION A**

1. Explain operators in Python. Also explain their hierarchy. 16
2. Explain Various Data Types in Python with programming examples.

**Section B**

3. Explain List. Also explain sequencing and iteration over list with programming examples.
4. Explain loops and control statements in Python with programming examples.

**Section C**

5. Explain arguments and parameters in python using functions.
6. Explain program routines and flow of execution in Python.

**Section D**

7. Explain various sqlite create, insert, and update operations to create database and tables using Python.
8. Explain Object Oriented Programming in Python. Write a Program in Python to demonstrate the concept of overloading.