

CEO office 26-11-24 KMVI (Eve)

Exam Code: 408801

Paper Code: 1279

Diploma in Computer Applications - Semester I

Course Title: Information Technology and Operating System

Course Code: DCAL-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) Explain various components of computer in detail. (14)
Q2) a) Explain working of keyboard and mouse. (9)
b) What is software? Explain its types. (5)

Section B

- Q3) Explain workings of scanner and bar code reader. (14)
Q4) a) Differentiate between RAM and ROM. (5)
b) What do you mean by secondary storage device? Explain hard disk in detail. (9)

Section C

- Q5) What is operating system? Explain its features. (14)
Q6) a) Differentiate between linker and loader. (5)
b) Explain types of operating system. (9)

Section D

- Q7) Explain anatomy of a window in detail. (14)
Q8) Explain the following:-
a) Color settings
b) Folder
c) Copying Vs Moving
d) Taskbar (4 * 3.5 = 14)

Exam Code: 408801

Paper Code: 1280

Diploma in Computer Applications (Semester-I)

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

Course Code: DCAL-1112

Examination Time: 3Hrs

Marks: 70

Note: Attempt 5 questions, selecting atleast one from each of section each section. Fifth Question can be attempted from any section. Each Question carries 14 marks. Draw diagrams to support the answer, wherever applicable.

Section-A

- Q1. a) What is Word Processing? Explain different features of Word Processing 10
b) Explain the purpose of ruler in MS-Word 4
- Q2. a) What do you mean by creation and opening of a documents 4
b) What do you mean by page setup? Explain page margin and page orientation 5
c) Explain cut, copy and paste commands in MS-Word 5

Section-B

- Q3. a) What is Table in MS-Word? How we can insert table into a document? 9
b) Write the procedure for addition of new rows and columns into a table 5
- Q4. a) What is the purpose of adding pictures and page colour? 5
b) What is the use of power point presentation? Explain 9

Section-C

- Q5. a) Explain Slide view, Notes view and Slide sorter view 9
b) How can you create graph in a slide 5
- Q6. a) How can we use animation to make a presentation look better 7
b) How do you add music to the presentation 7

Section-D

- Q7. a) What is worksheet? Write advantages of using worksheet 6
b) What do you mean by cell, cell pointer and cell address 6
c) Explain SUM and MIN function in MS-Excel 2
- Q8. a) How can you print a worksheet? 4
b) How can you take print preview of your worksheet? 4
c) How can you create a graph? Write down all the steps? 6

Exam Code: 408801

Paper Code: 1281

Diploma in Computer Applications - Semester I

Course Title: Programming in C

Course Code: DCAL-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:- What are the fundamental data types in C? Explain the use of each type of data type. (14)

Q2:- What are the meanings of precedence and associativity of operators in C with an example? (14)

SECTION-B

Q3:- What are the different library functions for formatted input or output in C? Explain giving examples. (14)

Q4:- Write down the purpose of the switch statement. Summarize the syntax rules associated with the use of switch statement. Explain with an example. (14)

SECTION-C

Q5:- Define recursion. Write a recursive function for finding the factorial of a number. (14)

Q6:- Discuss the various storage classes available in C. (14)

SECTION-D

Q7:- a) Write a program using the structure to get the details of the students which includes Roll no., Name, Subject Name and Marks from the user and print it. (9, 5)

b) Differentiate between Structure and Union.

Q8:- Define pointer. How a pointer variable can be declared and how can it be accessed? Why are pointers better than arrays? Explain with a program example. (14)

C.O.E 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 QUB KAMU?

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