

[126]

SARDAR PATEL UNIVERSITY

PGDCAA 2nd SemesterMonday, Date: 10th April, 2017

Session: Evening Time: 02:00 P.M. to 05:00 P.M.

Subject Code: PS02CDCT01

Total Marks: 70

Subject Title : C Programming

Q1. Multiple Choice Questions.(Attempt all) [08]

1. _____ symbol is used for start, pause and stop in flowcharts.
 - a. arrow
 - b. diamond
 - c. parallelogram
 - d. oval
2. Assembler is used for _____ Languages.
 - a. High Level
 - b. Machine Level
 - c. Assembly Level
 - d. All of the above
3. Which of the following is NOT a valid variable name in 'C'
 - a. Studname
 - b. STUD_NAME
 - c. stud name
 - d. studname
4. _____ operator is also known as ternary operator.
 - a. Relational
 - b. Logical
 - c. Bitwise
 - d. Conditional
5. _____ function is used for input.
 - a. printf
 - b. scanf
 - c. putc
 - d. puts
6. NULL character is denoted by _____.
 - a. '\n'
 - b. '\\'
 - c. '\t'
 - d. '\0'
7. In function the parameters are separated by _____ symbol.
 - a. Question mark (?)
 - b. Comma (,)
 - c. Dot (.)
 - d. Semicolon (;)
8. _____ statement terminates a loop.
 - a. continue
 - b. break
 - c. Both a. and b.
 - d. None of the above

- Q2. Answer the following short questions (Attempt any SEVEN) [14]
1. Define Algorithm. State 2 advantages of an Algorithm.
 2. What is a translator? State 3 translators used for different level of languages.
 3. List various generations of computer languages with example of each.
 4. List basic data types used in C language.
 5. Explain printf() function in brief.
 6. Differentiate between: while and do while loop.
 7. Explain isupper() and islower() functions in brief.
 8. List different string handling functions and state their use.
 9. Explain main difference between actual arguments and formal arguments.
- Q3.a. Define Flowchart. Explain all symbols used to draw flowchart. [6]
- Q3.b. Explain High level languages in detail with its advantages. [6]
- OR
- Q3.b. What is an Editor? List four popular editors. Explain in detail features of any one editor. [6]
- Q4.a. List all operators used in c language. Explain any 2 operators in detail. [6]
- Q4.b. Explain if...else and switch statements with example. [6]
- OR
- Q4.b. Define variable. State rule to define valid variable name. [6]
- Q5.a. State the purpose of looping statement. Explain for loop in detail with example. [6]
- Q5.b. Explain declaration and initialization of One Dimensional array in detail. [6]
- OR
- Q5.b. Explain following mathematical functions in detail: [6]
- i) pow() ii) abs() iii) sqrt()
- Q6.a. What is string? Explain how to declare and initialize the string variable with suitable example. [6]
- Q6.b. Define function. List various categories of user defined function. Explain any one category in detail. [6]
- OR
- Q6.b. Explain return statement with syntax and example. [6]

— X —

[110]

SARDAR PATEL UNIVERSITY
PGDCAA EXAMINATION, SEMESTER – II
PS02CDCT03 - Accountancy – II
15th April 2017

Time : 2 PM To 5 PM

Marks : 70

- Q – 1 Select an appropriate option MCQ [08]
- i) Master Budget is also known as _____
 - a) Cash Budget
 - b) Production Budget
 - c) Summery Budget
 - d) Flexi budget
 - ii) How we get Contribution?
 - a) Variable Cost plus fixed cost
 - b) Sales less variable cost
 - c) Fixed cost less profit
 - d) Fixed cost less variable cost
 - iii) From the following which is type of variance.
 - a) Material cost variance
 - b) Labour cost variance
 - c) Sales Variance
 - d) All of the above
 - iv) Net Profit Ratio = _____
 - a) Cost of Sales/Avg. Stock
 - b) Expenses / Sales*100
 - c) Net Profit / Sales*100
 - d) Profit/Sales * 100
 - v) Which is a Current Assets from the following?
 - a) Debtors
 - b) Debenture
 - c) Profit
 - d) Provision for Tax
 - vi) Overhead is = _____
 - a) Prime Cost
 - b) Material +Labor +Expenses
 - c) Indirect Material+ Indirect Labor+ Indirect Expenses.
 - d) Direct Material + Direct Labor + Direct Expenses.
 - vii) Which steps are to be performed for active the stock categories
 - a) F3: Statutory & Taxation features.
 - b) F2: Inventory features
 - c) F1: Accounting Features
 - d) F12: Configuration
 - viii) In Purchase @ 4% ledger under which groups are created.
 - a) Duties & Taxes.
 - b) Purchase account
 - c) Sundry Creditors.
 - d) Purchase @ 12.5%

- Q – 2 Answer the following Questions (ANY SEVEN) [14]
- i) Write a note on Master Budget
 - ii) Briefly discuss variance analysis
 - iii) Discuss functional classification of cost
 - iv) Prepare statement showing changes in working capital.
 - v) What do you mean by process costing
 - vi) Write down the step of Vat in Purchase Ledger.
 - vii) How to configure a Vat in Company?
 - viii) Explain split company data in brief.
 - ix) Define the Term Ratio.

- Q – 3 a) Define the term Ratio and explain advantages of it. [06]
 b) Define Budget and state classification of budget. [06]

OR

- Q – 3 b) Raj Corporation Ltd. Has prepared the following budget estimates for the year 2015 – 16. Sales (Units) 15,000, Fixed Expenses Rs. 34000, Sales Value Rs. 1,50,000, Variable Costs Rs. 6 per unit. You required to [06]
- 1) Find the P/V ratio, Break – Even & Margin of safety.
 - 2) Calculate the revised P/V ratio. Break – even & Margin of safety for the increase in sales volume 2000 units.

- Q – 4 (a) Discuss the advantages and limitations of Cash flow statement [06]
- (b) Explain the Inventory Voucher [06]

OR

- Q – 4 (b) Swill Co. Ltd. Has three production department and two service departments. [06]
From the following information show the distribution of service departments cost under the repeated distribution method. The allocated overhead of Production departments are P1: 4800, P2: 4200, P3: 3000 and Service Departments X: 1000 and Y: 1200. The Expenses of service departments are charged on a percentage basis which is as follows :

	Production Departments			Service Departments	
	P1	P2	P3	X	Y
Expenses of service dept. X	20%	40%	30%	-	10%
Expenses of service dept. Y	40%	20%	20%	20%	-

Apportion the service department expenses over production department by Repeated Distribution Method.

- Q – 5 a) Difference between fund flow statement and cash flow management. [06]
- b) Prepare specimen of Profit & Loss A/c and Fund Flow statement with imaginary figure [06]

OR

- Q – 5 b) Explain the Inventory Master Configuration steps. [06]
- Q – 6 a) Explain the step of Purchase Order, Sales Order, Delivery Note, Receipt Note with example. [06]
- b) Write a note on ODBC Compliance. [06]

OR

- Q – 6 b) Explain the step how to create stock group, Categories, Units of Measure, and Stock items with 2 Examples. [06]

———— x ————

(2)

[88]

SEAT No. _____

No. OF PAGES : 2

SARDAR PATEL UNIVERSITY

POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS WITH ACCOUNTANCY (PGDCAA)

SEMESTER – II

PS02EDCT01 (DESKTOP PUBLISHING)

18TH APRIL, 2017

Time : 2:00 p.m. to 5:00 p.m.

Marks : 70

Note : Answers of all the questions (including multiple choice questions) should be written in the provided answer book only.

Q-1 Pick up the most appropriate answer from the given alternatives and write in your answer book. (8)

- (i) _____ is the extension of a CorelDraw file.
[A] .cdr [B] .cds [C] .corel [D] .csd
- (ii) In CorelDraw, one can open Text Tool be pressing -
[A] F3 key [B] F8 key [C] F6 key [D] F7 key
- (iii) In PageMaker, one can select fill and stroke option using -
[A] Ctrl+F [B] Ctrl+S [C] Ctrl+U [D] Ctrl+R
- (iv) _____ is the extension of an PageMaker file.
[A] .psd [B] .pms [C] .pdm [D] .pmd
- (v) In Photoshop, one can insert new layer using
[A] Alt+Ctrl+N [B] Alt+Shift+S [C] Ctrl+Shift+N [D] None of these
- (vi) In Photoshop, one can deselect all selected images using
[A] Ctrl+E [B] ctrl+D [C] Alt+D [D] Shift+D
- (vii) In Photoshop, one can make a group of all selected images using
[A] Ctrl+I [B] Shift+I [C] Ctrl+G [D] None of these
- (viii) In CorelDraw, one can open Free Hand Tool be pressing
[A] F4 key [B] F7 key [C] F6 key [D] F5 key

Q-2 Attempt the following: (ANY SEVEN)

(14)

- i. What is CorelDraw? Can we save CorelDraw file in pdf format?
- ii. Write down types of Shape Tool used in CorelDraw.
- iii. Write down types of Freehand Tool used in CorelDraw.
- iv. What is PageMaker? Why is it used?
- v. Write down the purpose of Hand and Zoom Tool of PageMaker.
- vi. In PageMaker program window, which options are displayed?
- vii. Why Adobe Photoshop is used?
- viii. Write down types of Eraser Tool used in Adobe Photoshop.
- ix. Write a few lines on Photoshop Cropping tool.

- Q-3 (a)** Explain - 'Types of DTP Software'. (6)
(b) Explain the facility of Control Palette Box of a PageMaker. (6)

OR

- (b)** Explain - Uses and importance of DTP Software. (6)

- Q-4 (a)** Explain the Texture Fill dialog, Postscript Texture Dialog and Interactive Fill Flyout features of a CorelDraw. (6)
(b) Explain - 'Toolbox Menu in CorelDraw'. (6)

OR

- (b)** Write down various applications of CorelDraw software. (6)

- Q-5 (a)** Explain - 'Element Menu in PageMaker'. (6)
(b) Explain - 'Tool Box menu in PageMaker'. (6)

OR

- (b)** Explain - 'Type menu in PageMaker'. (6)

- Q-6 (a)** Explain the Fundamentals tools in Photoshop. (6)
(b) Explain various components of Photoshop. (6)

OR

- (b)** Write down various applications of Photoshop software. (6)

— × — × —

[36]

SARDAR PATEL UNIVERSITY
PGDCAA
SEMESTER-II
External Examination - 2017
PS02FDCT01 - (Computer Network)
20TH-April, 2017

Time: 02:00pm to 05:00pm

Marks: 70

Q1 Give answers of following Multiple choice questions [8]

- 1 _____ cable consist of an inner copper core and a second conducting outer sheath.
 A Coaxial cable C Fiber optic
 B Twisted Pair Cable D none of these
- 2 FTP stands for _____
 A File Transfer Protocol C Fiber Transmission Protocol
 B Frequency Transfer Protocol D File Transmission Protocol
- 3 HTTP stands for _____
 A Hyper Text Transfer Protocol C Hugh Text Transfer Protocol
 B Hyper Transmission Transfer Protocol D Hyper Text Transfer Program
- 4 Point to point transmission with one sender and one receiver is called _____
 A Broadcasting C Unicasting
 B Multicasting D None of above
- 5 When two or more network are connected the become _____
 A internetwork C intranet
 B internet D Both a & b
- 6 _____ is the number of bit intervals per second
 A Bit rate C Phase
 B Amplitude D None of these
- 7 _____ can have an infinite number of values and continuous.
 A Digital signal C Phase
 B Analog signal D Period
- 8 OSI stands for _____
 A Open System Interaction C Operating System Interaction
 B Open System Interconnection D none of these

Q2 Do as directed (Any 7) [14]

- 1 Explain local area network.
- 2 Define point to point network.
- 3 Explain application of coaxial cable.
- 4 List guided media and unguided media.
- 5 Explain two topologies.
- 6 Give full form of SMTP and MIME
- 7 Write a short note on LEO Satellite.
- 8 Define Analog Signal and Digital Signal.
- 9 What is protocol? Write the key features of protocol.

- Q3 [A] What is Computer Network? Discuss the advantages of Computer Network. [6]
 Q3 [B] Explain Wide Area Network [6]
- OR**
- Q3 [B] Explain LAN Components. [6]
- Q4 [A] What is OSI reference model? Explain any of two layers in detail. [6]
 Q4 [B] Explain Fiber Optics cable. [6]
- OR**
- Q4 [B] What is Periodic and non-periodic Signal? Explain Coaxial Cable in detail. [6]
- Q5 [A] What is Bluetooth technology? Explain Piconet and Scatternet. [6]
 Q5 [B] Explain Bluetooth Protocol Stack. [6]
- OR**
- Q5 [B] Explain circuit switching and message switching. [6]
- Q6 [A] What is Satellite network? Explain GEO, LEO and MEO in detail. [6]
 Q6 [B] What is Bluetooth Technology? Explain [6]
- OR**
- Q6 [B] What is Topology? Explain Structure of each topology. [6]

<<<<:::: ALL THE BEST ::::>>>>