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SARDAR PATEL UNIVERSITY
P.G.D.C.A.A. Semester – 1 External Examination
PS01CDCT01 (PC Software)
Wednesday, 1st November, 2017

Time: - 10:00 am to 1:00 pm

Max Marks: 70

Q-1   **Select Appropriate Option for the Following.**   [8]

1) Which is the shortcut key to open Search option in MS WORD?

[a] F5   [b] F11 [c] F6 [d] None of This

2) Which of the following is example of Applications Program?

[a] Spreadsheet [b] DBMS [c] Both A and B [d] None of This.

3) Which option is used to see print preview of current word document?

[a] Print [b] Properties [c] Page Setup [d] None of this

4) Shortcut Key to Search and Replace is?

[a] Ctrl + T [b] Ctrl + F [c] Ctrl + P [d] None of this

5) Page Margins can be changed in_____ option of File Menu.

[a] Page Setup [b] Format Font [c] Format Paragraph [d] File

6) _____ Key is used to the next cell in the table.

[a] Alt + Tab [b] Ctrl + Tab [c] Tab [d] Shift + Tab

7) To make the text in form of Superscript press ____ keys.

[a] Ctrl + shift + = [b] Ctrl + Shift [c] Ctrl + < [d] Ctrl + =

8) The Spell-check feature can be initiated by pressing the function key _____.

[a] F1 [b] F5 [c] F1 [d] None of this

Q-2   **Write brief answer for Following Questions. (Any Seven).**   [14]
1) What is Editor?
2) What is Personal Computer?
3) List the types of charts available in MS Word.
4) What is the use of Chart in Excel
5) What are Header and Footer?
6) What is Sorting?
7) What do you mean by slide transition?
8) Explain IF Function in Excel.
9) What is the meaning of Custom Animation?

Q-3 [A] What is WORD? Write down the features of word processor. [06]

[B] Explain Classification of PC Software. [06]

OR

[B] What is Word Processing? Write the advantages of Word Processing?

Q-4 [A] What Is Header and Footer in MS Word? Explain in detail how to add them in a document? [06]

[B] What is Mail Merge? Explain each step in detail. [06]

OR

[B] Explain Find and Replace Dialog Box of MS Word.

Q-5 [A] How you can import your externally created file in Excel spreadsheet? [06]

[B] Explain any three simple charts in detail. [06]

OR

[B] Explain Excel Screen and its Parts.

Q-6 [A] Explain usage of power point. [06]

[B] Write down the steps for slide transition and give special effects to power point slide? [06]

OR

[B] Write the short note on features of presentation tool.

*******Best of Luck********

SARDAR PATEL UNIVERSITY
PGDCAA Semester-I November-2017
Logical Computer Organization(PS01CDCT02)

DATE : 03-11-2017
TIME : 10:00 A.M. TO 01:00 P.M.

Total Marks: - 70

Q-1 Attempt Following. [08]

1) The ALU and CU jointly known as :
   [a] RAM   [c] ROM
   [b] CPU   [d] Non of above

2) The brain of any computer system is
   [a] Control Unit   [c] Arithmetic Logic Unit
   [b] Central Processing Unit   [d] storage unit

3) The number of digits in octal system is
   [a] 2   [c] 8
   [b] 10   [d] 16

4) Storage of 1 KB means the following number of bytes
   [a] 1000   [c] 964
   [b] 1024   [d] 1064

5) An invert gate is also called a _____ gate.
   [a] X-OR   [c] NOT
   [b] NAND   [d] AND

6) The NOR gate has two or more input signals. If all inputs are _____, the output is high.
   [a] HIGH   [c] A and B
   [b] LOW   [d] non of above

7) A _____ is a combinational circuit that converts binary information from the n coded inputs to a maximum of 2^n unique outputs.
   [a] Half Adder   [c] Encoder
   [b] Decoder   [d] Comparator

8) in half adder and gate's output is..........
   [a] carry   [c] remainder
   [b] sum   [d] non

Q-2 Attempt Any seven. [14]
1) Define : Hardware with examples
2) List applications of computer.
3) Explain binary number system
4) $(DCA)_{16} = (?)_2$
5) 1100110+101010+11111
6) Draw the logical diagram of XOR gate
7) Explain NOT gate
8) Write a truth table of Encoder.
9) Draw 8*1 multiplexer diagram.

P.T.O.

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Q-3 [A] Draw the Block diagram of Computer and explain Control unit and ALU [6]

[B] Explain storage unit in detail [6]

OR

[B] Explain input unit and output unit. [6]

Q-4 [A] Explain hexadecimal number system with example [6]

[B] Explain binary number system. Calculate $(100110)_2 = (?)_{10}$ [6]

OR

[B] Explain decimal number system. Calculate $(108)_{10} = (?)_2$ [6]

Q-5 [A] Explain NAND gate in detail [6]
[B] Explain OR gate in detail [6]

OR

[B] Explain AND gate detail [6]

Q-6 [A] Explain half adder in detail. [6]
[B] Explain 8x3 line encoder in detail. [6]

OR

[B] Explain 3x8 line decoder in detail. [6]

********Best of Luck********
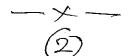
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SARDAR PATEL UNIVERSITY
Post Graduate Diploma in Computer Applications with Accountancy (PGDCAA)
Semester-I
(PS01CDCT03) - Accountancy-I
7th November, 2017 (Tuesday)

Time: 10:00 am To 1:00 pm   Total Marks: [70]

Q1. Pick up the most appropriate answer from the given alternatives and write in your answer book.
[08]

1. Which key are used to select the Company ?

   A. F1   B. F2   C. F3   D. F5

2. Which of the following is a type of account?

   A. Personal   B. Real   C. Nominal   D. All of the above

3. " Art & Science of recording business transaction in a systematic & chronological order " is known as _____.

   A. Debiting   B. Accounting C. Book Keeping D. Crediting

4. The amount which is not recovered from debtors is known as _____.

   A. Solvent   B. Income   C. Bad Debts   D. Discounts

5. A ledger is called a book of _____.

   A. Primary entry   B. Secondary entry   C. Final entry   D. None of Above

6. "Debit what comes in and credit what goes out " is the debit and credit of _____ type of account.

   A. Capital   B. Personal   C. Real   D. Nominal

7. A Payment entry following transaction would include:

   A. Withdrawing cash from the bank account

   B. Transferring the discounts to the accounts in the general ledger

   C. All Cash & Bank Payments only

   D. None of the above.

8. A Sales entry following transaction would include:

   A. All Cash & Bank payment entry   B. All Credit sales payments only

   C. All Cash & credits sales entry   D. All receipts & payments of Cash

Q2. Write Answers the following Question. (Any Seven)   [14]
1. What do you mean by Accounting?

2. Write down Methods of Accounting?

3. Explain the term debtors and creditors

4. Explain : F2 & Alt+F2 key uses.

5. Explain the Payment Voucher with Example

6. Explain the Sales Voucher with Example.

7. Define the term journal.

8. Define ledger & purpose of ledger.

9. Explain the Receipt Voucher with Example.

Q3. **[A]** Record following transactions of Ms. Amisha Parmar in his journal & Post them in to ledger account or the Month August, 2017 **[06]**
August, 2017.

Jul 1.   Ms. Amisha Parmar starts his business with a Capital of Rs. 1,50,000.
Jul 2.   Machinery Purchase on cash Rs. 10,000.
Jul 3.   Goods Purchase from Pritesh in cash Rs. 15,000.
Jul 4.   Goods Purchased from Parikh on Credit Rs. 13,000.
Jul 5.   Cash Sales Rs. 16,000.
Jul 6.   Goods Purchased from Pritesh on credit Rs. 10,000.
Jul 7.   Credit Sales to Janki Rs. 6400.
Jul 8.   Paid courier charges Rs. 1000.
Jul 9.   Telephone Bill Paid Rs 2100.
Jul 10.   Electricity Bill Paid Rs. 3000.

Q3. **[B]** Explain the Advantages of Accounting. **[06]**

OR

Q3. **[B]** From the following transactions prepare Simple Cash Book : **[06]**

2017	Particulers	Rs.
01 Jan	Cash in hand	30,000
06 Jan	Purchases Goods for Cash	4,000
16 Jan	Received From Aniket	6,000
18 Jan	Paid To Janki	2,000
20 Jan	Cash Sales	8,000
25 Jan	Paid to stationery	120
30 Jan	Paid to Salary	2,000
31 Jan	Purchased office Furniture	4,000

Q4. **[A]** What is Journal ? Explain the ruling & format of Journal. **[06]**

Q4. **[B]** Explain the Company Creation Steps with Basic Currency Information. **[06]**

OR

Q4. **[B]** Write down a definition of Transactions and Explain the Recording transactions. **[06]**

Q5. **[A]** Explain the Rules of Account with minimum two examples. **[06]**

Q5. **[B]** Explain the Balance Sheet & Profit & Loss Account **[06]**

OR

Q5. **[B]** Write down the Accounting Features steps with explanation. **[06]**

Q6. **[A]** Explain the Point of Sales Advantage & Features. **[06]**

Q6. **[B]** Explain the Voucher Configuration steps. **[06]**

OR

Q6. **[B]** Write down the Types of Cash Book and Explain any one. **[06]**

------ **Best of Luck** ------

SARDAR PATEL UNIVERSITY
PGDCAA Semester-I External Examination Paper 2017
RDBMS for Small Scale Organization(PS01EDCT02)

Date: 9-11-2017, Thursday   Time: 10:00AM to 01:00 PM   Total Marks: - 70

Q-1 Attempt Following.   [06]

1) What is full form of ADO?
   [a] ActiveX Data Object   [c] Active Data Object
   [b] ActiveX Data Objective   [d] All of above

2) Which query do you use to answer the question "Which employees earn more than $ 5000 a month"?
   [a] Search query   [c] Select query
   [b] Cross tab query   [d] update query

3) Which data type is better to use for storing the price of an item?
   [a] Text   [c] Number
   [b] AutoNumber   [d] Currency

4) Which database does not implement in Microsoft Access?
   [a] Table   [c] Query
   [b] Stored procedure   [d] Form

5) How many types of AutoForm?
   [a] Four   [c] Six
   [b] Five   [d] Two

6) The basic elements of a form or report are called.
   [a] controls   [c] objects
   [b] windows   [d] Properties

7) Data can be import into Access Database From
   [a] Word Files   [c] PowerPoint Files
   [b] Excel Files   [d] HTML files

8) An effective way to analyze and present data in printed format using Specific layout.
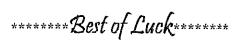   [a] Macro   [c] Form
   [b] Report   [d] Query

Q-2 Attempt Any seven.   [14]
1) What is Database Management System (DBMS)?
2) What is the extension of Access database file?
3) What is the front-end and back-end Component of Database?
4) What is Query and Form?
5) Mention Database Objects.
6) Define Delete and Crosstab Query Description.
7) What is Macro and Module?
8) Define two type of Sorting and write use of it?
9) What are the ways to create a new form?

P.T.O.

Q-3 [A] What is Relational Database? Explain with example. [6]

[B] How many relationships between tables with example [6]

OR

[B] Give two real world example of Database Application. [6]

Q-4 [A] What is Query? Define types of Query. Explain any two in detail [6]

[B] Define database. List Database objects and explain all of them. [6]

OR

[B] Which data types available for a database? Explain it. [6]

Q-5 [A] How to Report generate in Design View Explain in detail. [6]

[B] Define macro? Give step to create macro. How to converting a Macro into Visual Basic Code? [6]

OR

[B] What is form? How to add Fields to the form and save form? [6]

Q-6 [A] Explain User-Level Security? [6]

[B] Give overview of External Data Operation? [6]

OR

[B] How to set and remove User-level security and how to convert the file? [6]

********Best of Luck********

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SARDAR PATEL UNIVERSITY
P.G.D.C.A.A. Semester – I
External Examination (CBCS)– November 2017
[PS01FDCT01]: Operating System

Saturday – 11th November' 2017   **Time: 10.00 AM To 1.00 PM**   **Max. Marks: 70**

NOTE: [1] Figure indicated right is maximum marks for each question
[2] Show calculation where and when needed

Q: 1   Select an appropriate option for following statements   **[08]**

[1] The storage capacity of a floppy disk is typically only _____.
  [a] 1.44MB   **[b]** 100MB   **[c]** 10MB   **[d]** 5MB

[2] _____ is a heart of operating system & worked as an interface between users and operating system.
  [a] Kernel   **[b]** Interface   **[c]** Server   **[d]** Software

[3] Layered architecture os operating system having _____ layers
  [a] Six   **[b]** Five   **[c]** Four   **[d]** Seven

[4] Which of the following page replacement algorithms suffers from Belady's Anomaly?
  [a] FIFO   **[b]** LRU   **[c]** Optimal   **[d]** None of the above

[5] Patient Monitoring in hospital is an example of _____ Operating System.
  [a] Multiuser   **[b]** Real Time   **[c]** Timesharing   **[d]** None of these

[6] _____command is use to move file from one location to another.
  [a] cp   **[b]** mv   **[c]** rm   **[d]** man

[7] PCB stands for_____.
  [a] Program Control Block   **[b]** Process Control Block
  [c] Process Counter Block   **[d]** Program Counter Block

[8] A page fault occurs when page _____
  [a] in main-memory **[b]** is not in memory **[c]** Blocked   **[d]** None of these

Q: 2   Answer the following questions in brief [Attempt any seven]   **[14]**

[1] **Define:** Operating System. List types of Operating System.

[2] Write name of all layers of Layered Structure of operating System.

[3] **Explain terms: [1]** Program **[2]** Process

[4] What do you mean by schedulers? List types of schedulers.

[5] Write a note on Real time Operating System.

[6] What is Swapping?

[7] Explain deadlock with list of necessary conditions which characterize deadlock.

[8] Briefly explain FCFS scheduling algorithm.

[9] Explain who and man commands of unix.

[P.T.O]

Q: 3 **[A]** List functions of operating system and explain <u>any four</u> of them in detail   **[06]**

    [B] Write a detail note on Process Control Block (PCB) with information stored in it.   **[06]**

<div align="center"><u>OR</u></div>

    [B]   **[1]** Explain fragmentation with its type.   **[03]**
            [2] What is virtual memory? Write its merits and demerits   **[03]**

Q: 4 **[A]** Explain Process state life cycle in detail through diagram. Also explain Process creation. **[06]**

    [B] Draw Gantt Chart to find Average Waiting Time (AWT) for following, <u>using FCFS and SJF</u> algorithm,   **[06]**

Process :	A	B	C	D	E
Burst Time :	8	6	4	2	1

<div align="center"><u>OR</u></div>

    [B] Write a note on Round Robin Scheduling algorithm with appropriate example   **[06]**

Q: 5 **[A]** Discuss logical and physical address space. Also write types of memory allocation.   **[06]**

    [B] Write a note on FIFO page replacement Algorithm using following reference string.
            Reference String: 1,2,3,4,1,2,5,1,2,3,4,5 **Frame Size: 3**   **[06]**

<div align="center"><u>OR</u></div>

    [B] Draw and explain steps concern with Demand paging for page fault handling.   **[06]**

Q: 6 **[A]** What is Unix? Explain evolution of Unix.   **[06]**

    [B] List features of unix. Write brief note on Vi Editor.   **[06]**

<div align="center"><u>OR</u></div>

    [B] Explain grep, ls, and mkdir commands of unix in brief   **[06]**

<div align="center">

Best ☺f Luck

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