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**P.G.D.C.A. (Semester - I) (New) (CBCS) Examination: March/April-2023
Communication Skill (PGD101)**

Day & Date: Friday, 21-07-2023
Time: 03:00 PM To 06:00 PM

Max. Marks: 80

Instructions: 1) All questions are compulsory
2) Figures to the right indicate full marks.

Q.1 A) Multiple choice questions. 10

- 1) The _____ is the person who transmits the message.
 - a) Receiver
 - b) Cleaner
 - c) Sender
 - d) Driver
- 2) The response to a sender's message is called _____.
 - a) Food bank
 - b) Feedback
 - c) Back
 - d) Food
- 3) Our dress code is an example of _____ Communication.
 - a) Verbal
 - b) Written
 - c) Non-Verbal
 - d) Spoken
- 4) Proper nouns always begins with _____ letters.
 - a) Running
 - b) Capital
 - c) Small
 - d) Numerical
- 5) Letter, email, Telephone are examples of _____.
 - a) Message
 - b) Feedback
 - c) Channles
 - d) Encoding
- 6) _____ is the process of converting the messages into communication symbols.
 - a) Encode
 - b) Decode
 - c) Distort
 - d) Print
- 7) Meetings are based on one _____.
 - a) Minutes
 - b) Topic
 - c) Predetermined topic
 - d) Issue
- 8) _____ does not come under personal barriers in communication.
 - a) Limited vocabulary
 - b) Narrow thinking
 - c) Chain of command
 - d) Poor listening Skill
- 9) Communication done through touch is termed as _____.
 - a) Proxemics
 - b) Vocalics
 - c) Chronemics
 - d) Haptics
- 10) Appeals and representations are used in _____.
 - a) Upward communication
 - b) Downward communication
 - c) Grapevine communication
 - d) Horizontal communication

- B) Fill in the blanks.** **06**
- 1) Which of the following is not a channel _____.
 - 2) The term communication is derived from the _____ word "communis" which means to make common.
 - 3) All communication is start with an _____.
 - 4) Communication is a two- way _____.
 - 5) In oral communication there is a possibility of immediate _____.
 - 6) The _____ is the action or description that occur in the sentence.

- Q.2 Answer the following questions. (Any Four)** **16**
- a) Explain office communication?
 - b) What are the types of communication?
 - c) What do you mean by meeting? Explain different types of meeting?
 - d) Write a note on the importance of listening?
 - e) Explain the term grapevine communication?

- Q.3 Attempt the following.** **16**
- a) Explain how you can follow the principles of courtesy for effective communication?
 - b) Explain the term Body language?
 - c) Effective communication and attributes of effective communication?
 - d) write down the advantages of oral communication?

- Q.4 Attempt the following questions?** **16**
- a) As secretary of the student council of your college, write the notice and draft the agenda of the meeting of the council members to plan and discuss the conduct of the book exhibition?
 - b) A committee has been appointed to look in to the causes of the decline in results of XYZ college at A B C university exams. Draft a report.

- Q.5 Attempt the following questions.** **16**
- a) What is verbal communication? And how they are used for communication?
 - b) What are language barriers to communication? Suggest way so forever coming them?

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**P.G.D.C.A. (Semester - I) (New) (CBCS) Examination: March/April-2023
Fundamental of Computer and Information Technology (PGD102)**

Day & Date: Saturday, 22-07-2023
Time: 03:00 PM To 06:00 PM

Max. Marks: 80

- Instructions:** 1) All questions are compulsory.
2) Draw neat diagrams and give equations wherever necessary.
3) Figure to right indicate full marks.
4) Use of logarithmic table and calculator is allowed.

Q.1 A) Choose the correct alternative.

10

- 1) _____ is a pointing device, which works on the same principle as a trackball.

a) Projector	b) Joystick
c) Touch Screen	d) Keyboard
- 2) LCD stands for _____.

a) Liquid Crystal Display	b) Link Crystal Display
c) Linkage Crystal Display	d) Link Crystal Data
- 3) _____ is an input device, which translates paper documents into an electronic format, which can be stored in computer.

a) Mouse	b) Keyboard
c) Scanner	d) Joystick
- 4) Base of decimal number is _____.

a) two	b) ten
c) sixteen	d) eight
- 5) RAM stands for _____.

a) Read Access Memory	b) Read only Memory
c) Both a and b	d) Random Access memory
- 6) LAN stands for _____.

a) Local area Network	b) Live area Network
c) Local area Internet	d) Low area Network
- 7) WWW Stand for _____.

a) Win World Web	b) Windows Web Windows
c) Windows Wide Web	d) World Wide Web
- 8) _____ is the brain of computer system.

a) Motherboard	b) Hard Disk
c) Microprocessor	d) Monitor

B) State True or False.

08

- 1) The transistor is the first generation of computer.

a) True	b) False
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- 2) An operating system is an integrated set of program that controls the resources.

a) True	b) False
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- 3) Compact disk is secondary storage media.

a) True	b) False
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- 4) A machine language instruction normally has a two part format, as operation code and address.
a) True b) False
- 5) A scanner is an output device.
a) True b) False
- 6) Data in petabytes size is called Big Data.
a) True b) False
- 7) Structured data conforms to a data model or schema and is often stored in tabular form.
a) True b) False
- 8) Hadoop runs on cross-platform.
a) True b) False

Q.2 Write Note on following *any four*

16

- a) Explain Data Science process.
- b) What is dot-matrix printer?
- c) What is internet?
- d) Write on: E-Mail.
- e) Carry out the following conversions.
1) $11110_2 = ?_{10}$ 2) $28_{10} = ?_2$

Q.3 Attempt *any two* of the following.

16

- a) What is meant by network topology? Describe three commonly used network topologies.
- b) What are important characteristics of a computer system?
- c) Explain the role of Data scientists.

Q.4 Attempt *any two* of the following.

16

- a) Explain the types of computer Network.
- b) What is operating system? Explain its important functions.
- c) What is data science? Explain its benefits.

Q.5 Attempt *any two* of the following

16

- a) What are input devices? Explain the keyboard, Mouse and scanner.
- b) List out the various computer generations along with the key characteristics of the computers of each generation.
- c) Explain the block diagram of computer in details.

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**P.G.D.C.A. (Semester - I) (New) (CBCS) Examination: March/April-2023
Introduction to Accounting Package and MS-office (PGD103)**

Day & Date: Sunday, 23-07-2023
Time: 03:00 PM To 06:00 PM

Max. Marks: 80

- Instructions:** 1) All questions are compulsory.
2) Draw neat diagrams and give equations wherever necessary.
3) Figure to right indicate full marks.
4) Use of logarithmic table and calculator is allowed.

Q.1 A) Choose the correct alternative.

08

- 1) _____ is the extension of MS-Excel files.
 - a) .doc
 - b) .xls
 - c) .ppt
 - d) .txt
- 2) In MS-word _____ shortcut key is used to undo typing.
 - a) Ctrl + z
 - b) Alt + u
 - c) Shift + y
 - d) Shift + u
- 3) In Tally, for memo voucher _____ key is used.
 - a) F1
 - b) F10
 - c) F8
 - d) F2
- 4) When you need to check the spelling and grammar in your document _____ function key is used.
 - a) F1
 - b) F2
 - c) F10
 - d) F7
- 5) To change current date from gateway of tally _____ key used.
 - a) F2
 - b) Alt + F
 - c) F5
 - d) F9
- 6) To cut the text in document _____ shortcut key is used.
 - a) Ctrl + x
 - b) Ctrl + d
 - c) Ctrl + c
 - d) Ctrl + p
- 7) Suspense account group is defined under _____.
 - a) Income
 - b) Expenditure
 - c) Liabilities
 - d) Assets
- 8) Which is not view is used in Power Point.
 - a) Simple
 - b) Slide sorter
 - c) Note page
 - d) Normal

B) State True or False.

08

- 1) .ppt is not extension of power point file.
- 2) After creating a company, many cash accounts can be created.
- 3) In MS-Excel you can't prepare a new chart.
- 4) Word wrapping feature is available in MS-Word.
- 5) In Tally, button bar provides quick access to different options.
- 6) MS- Office is Application software.
- 7) A person who owes money to the business is creditor.
- 8) Ctrl + F short cut key is used to find a word in MS-Word.

- Q.2 Write Note on following. (any four) 16**
- a) Column Freezing.
 - b) Debtor.
 - c) Wizards and Templates.
 - d) Mail Merge.
 - e) Page Layout Tab of MS-Word.
- Q.3 Attempt any two of the following. 16**
- a) Explain features of tally, which makes it preferable, are conventional manual accounting.
 - b) Explain different steps, While creating chart in MS-Excel.
 - c) What are the different views in Power Point? Explain their use.
- Q.4 Attempt any two of the following. 16**
- a) What are functions? Why it is necessary in MS-Excel?
 - b) Explain role of computer in accountancy.
 - c) Write down component of Page Layout in MS-Word?
- Q.5 Attempt any two of the following. 16**
- a) What are golden rules of account?
 - b) Write down important functions of MS-Word?
 - c) Explain different chart types of MS-Excel.

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**P.G.D.C.A. (Semester - I) (New) (CBCS) Examination: March/April-2023
Software Engineering with C Programming (PGD104)**

Day & Date: Monday, 24-07-2023
Time: 03:00 PM To 06:00 PM

Max. Marks: 80

- Instructions:** 1) All questions are compulsory.
2) Figures to the right indicate full marks.
3) Draw neat diagrams and give equations wherever necessary.
4) Use of logarithmic table and calculator is allowed.

Q.1 Fill in the blanks by choosing correct alternatives given below.

16

- 1) Operators are used in program to _____ data and variable.
 - a) Manipulate
 - b) Store
 - c) Program symbol
 - d) None of these
- 2) _____ function is used for copying of one string to another string.
 - a) strlen()
 - b) strcpy()
 - c) strcat()
 - d) None of these
- 3) Keywords are also known as _____.
 - a) word
 - b) simple word
 - c) reserved word
 - d) none of these
- 4) 'C' is a _____ programming language.
 - a) Middle level
 - b) Low level
 - c) English
 - d) Hard
- 5) Library function is also called as _____ function.
 - a) user-defined
 - b) Pre-defined
 - c) Both a and b
 - d) None of these
- 6) Hierarchy decides which operator _____.
 - a) is most important
 - b) is used first
 - c) is fastest
 - d) operator on largest numbers
- 7) Which of the following is the correct way of declaring a pointer?
 - a) int a;
 - b) int &* a;
 - c) *#int a;
 - d) int *a;
- 8) C Language is a successor to which language?
 - a) FORTRAN
 - b) B Language
 - c) BASIC
 - d) D Language
- 9) C is _____ type of programming language.
 - a) Object Oriented
 - b) Procedural
 - c) Bit level language
 - d) Functional
- 10) Which of the following cannot be checked in a switch-case statement?
 - a) character
 - b) integer
 - c) float
 - d) enum
- 11) RAD stands for _____.
 - a) Relative Application Development
 - b) Rapid Application Document
 - c) Rapid Application Development
 - d) None of the mentioned

- 12) Which one of the following is not a phase of Prototyping Model?
 - a) Quick Design
 - b) Coding
 - c) Prototype Refinement
 - d) Engineer Product
- 13) Which one of the following is not a step of requirement engineering?
 - a) elicitation
 - b) design
 - c) analysis
 - d) documentation
- 14) Which one of the following is a functional requirement?
 - a) Maintainability
 - b) Portability
 - c) Robustness
 - d) None of these
- 15) White box testing is also called as _____.
 - a) self-testing
 - b) good testing
 - c) Real testing
 - d) glass box testing
- 16) An array Index starts with _____.
 - a) -1
 - b) 0
 - c) 11
 - d) 101

Q.2 Answer any Four to the following.**16**

- a) What is pointer?
- b) What is path testing?
- c) Explain the data types used in c language.
- d) Write on: break and goto statement
- e) Write a program to print given number is prime or not prime.

Q.3 Answer any two of the following.**16**

- a) What is file handling? Explain different mode of file with suitable example.
- b) What is System? Explain different types of system.
- c) Explain the software development life cycle in detail.

Q.4 Answer any two of the following.**16**

- a) Explain the spiral model in detail.
- b) Write a program to print following pattern.
\$
\$\$
\$\$\$
\$\$\$\$
\$\$\$\$\$
- c) Explain the decision making statements used in c language with its suitable example.

Q.5 Answer any one of the following.**16**

- a) What are the operators? Explain different operators used in c language with suitable example.
- b) What is software testing? Explain loop testing and condition testing in detail.

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P.G.D.C.A. (Semester - I) (New) (CBCS) Examination: March/April-2023
Web Programming with PHP (PGD105)

Day & Date: Tuesday, 25-07-2023
 Time: 03:00 PM To 06:00 PM

Max. Marks: 80

Instructions: 1) All questions are compulsory
 2) Figures to the right indicate full marks.

Q.1 A) Multiple Choice Question. 10

- 1) _____ is computer that stores websites.
 - a) Web Page
 - b) Web Server
 - c) Web site
 - d) None
- 2) PHP is an example of _____ scripting language.
 - a) Server side
 - b) Client side
 - c) inside side
 - d) Outside
- 3) HTTP stands for _____.
 - a) High Text Transfer Protocol
 - b) Hyper Text Task Protocol
 - c) Hyper Text Test Protocol
 - d) None of these
- 4) WWW stands for _____.
 - a) World Wide Web
 - b) Word Wide Web
 - c) Work Wide Web
 - d) Wrong Wide Web
- 5) HTML is enclosed within _____ tags.
 - a) One
 - b) Two
 - c) Three
 - d) None
- 6) JS stands for _____.
 - a) Java Solution
 - b) Java Script
 - c) Java Side
 - d) Java Sever
- 7) Rows and Columns are the attributes of the _____ tag.
 - a) <body>
 - b) <caption>
 - c) <frameset>
 - d) <scrolling>
- 8) CSS stands for _____.
 - a) Cash Style Sheet
 - b) Cascading Style Sheet
 - c) Cross Style Sheet
 - d) Cascading Store Sheet
- 9) PHP stands for _____.
 - a) PHP Processor
 - b) PHP hypertext processor
 - c) PHP Markup language
 - d) Private Home Page
- 10) FTP stands for _____.
 - a) Free Transfer Protocol
 - b) File Transfer Protocol
 - c) Free Talk time Protocol
 - d) Fun Total Protocol

B) True or false**06**

- 1) PHP stand for Past Home Page.
- 2) HTML is Low level language.
- 3) To create frame document, the <body> tag replaced by <frameset> tag.
- 4) Inline frame is also known as fixed frame.
- 5) PHP program is give by using the .php extension.
- 6) this tag is used to insert an image within a webpage.

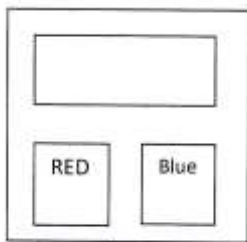
Q.2 Answer any 4 in the Following**16**

- a) What is Website and web Server?
- b) Write down basic Structure of HTML?
- c) Write down Advantage of PHP?
- d) Write down CSS?
- e) Write down Data, Information, Record and file

Q.3 Attempt any two the following.**16**

- a) Write down data type in MySQL?
- b) Write down HTML code use of span attribute in a table?

Following output



- c) What is Operator? Explain the types of Operator

Q.4 Attempt any one the following.**16**

- a) Write down HTML Eight tags with example
 - b) Explain the advantages of Website?
- OR**
- c) Write down PHP Code- To find Even and Odd Number?
 - d) What is java Script? Explain the Use of java script?

Q.5 Attempt any one of the following.**16**

- a) Write down advantage and Disadvantage of HTML?
- OR**
- b) What is loop? Explain the types loop with example?

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**P.G.D.C.A. (Semester - II) (New) (CBCS) Examination: March/April-2023
DBMS with oracle (PGD201)**

Day & Date: Wednesday, 26-07-2023
Time: 03:00 PM To 06:00 PM

Max. Marks: 80

Instructions: 1) All questions are compulsory.
2) Figure to right indicate full marks.

Q.1 A) Choose the single correct alternative. 10

- 1) _____ is a types of Architecture.
 - a) Three tier
 - b) Four tier
 - c) Five Tier
 - d) None of these
- 2) _____ is a processed facts.
 - a) Data
 - b) Information
 - c) Field
 - d) None of these
- 3) DML stands for _____.
 - a) Data Markup Language
 - b) Data Memory Language
 - c) Data Manipulation Language
 - d) Data Main Language
- 4) A row a relation is called as _____.
 - a) Domain
 - b) Tuple
 - c) Relation
 - d) None of these
- 5) _____ is type of Data Model.
 - a) Network Model
 - b) Domain Model
 - c) Memory Model
 - d) None of these
- 6) ERD stands for _____.
 - a) Entity Relationship diagram
 - b) Each Record Diagram
 - c) Energy Relationship Diagram
 - d) None of these
- 7) PL/SQL is a _____ Language.
 - a) Programming
 - b) Procedural
 - c) Natural
 - d) All of these
- 8) Uniquely Identified key is called _____.
 - a) Candidate Key
 - b) Primary Key
 - c) Foreign Key
 - d) Compose Key
- 9) DBA stands for _____.
 - a) Data Base Account
 - b) Data Base Administrator
 - c) Data Base Access
 - d) Data base Act
- 10) _____ is logical operator.
 - a) AND
 - b) /
 - c) <>
 - d) OF

B) True or False.**06**

- 1) SQL stands for Structure Question Language.
- 2) DCL means Data Control Language.
- 3) Improved Data sharing is advantages of DBMS.
- 4) Hardware is component of DBMS.
- 5) ATM is Not example of Database user.
- 6) Char is basic data type in oracle.

Q.2 Answer any 4 in the following.**16**

- a) Write the Components of DBMS?
- b) Write Down DDL commands with example.
- c) Write Down Database User.
- d) Difference between SQL and PLSQL.
- e) Write down type of Cursor.

Q.3 Attempt any two of the following.**16**

- a) Write down (Field Name, Data type, width) in College Management System.
- b) Write down advantages of DBMS.
- c) What is key? Write down Types of Keys.

Q.4 Attempt any of the following.**16**

- a) Explain the different data types in Oracle.
 - b) Write PL/SQL code to find Even and odd number
- OR**
- a) Explain the control Structure & Loop with Example.
 - b) Write PL/SQL code to find Largest 3 number.

Q.5 Write down query following structure.**16**

- a) Create table Student with column.
(Srno, Name, date of birth, sex, address, city, pin code)
- b) Insert 5 record for,
(Srno, Name, date of birth, sex, address, city, pin code)

OR

- a) Explain the types of Data Model with example.
- b) What is Operator? Explain the types of Operator.

B) True or false

- 1) Is C# programming language a case-sensitive?
 a) True b) False
- 2) In C#, a single-line comment starts with (\$*)
 a) True b) False
- 3) String data type is used to store text value in C#
 a) True b) False
- 4) In C# const keyword is used to define a constant?
 a) True b) False
- 5) C# does not support foreach loop?
 a) True b) False
- 6) We can obtain the array index using foreach loop in C#
 a) True b) False

Q.2 Answer the Following questions

16

- a) Explain the uses of C# language
- b) Explain CLR in C#
- c) Explain Namespace in C#
- d) Write about .NET Technology

Q.3 Attempt the following.

16

- a) What is an OOP in C#? Explain
- b) What is Inheritance? Explain types of inheritance in C# with suitable example

Q.4 Attempt the following.

16

- a) Explain any four form controls in C# with suitable example
- b) What is Looping in C#? Explain with suitable example

OR

- a) What is a Variable? Explain multiple declaration, initialization with suitable example
- b) What is Overloading? Explain overloading in C# with suitable example.

Q.5 Attempt the following.

16

- a) Explain ADO.NET connection with suitable example
- b) What is data types in C#? Explain with suitable examples

OR

- a) Write a programme to find largest among two numbers
- b) Explain Simple If and If else statement in C# with suitable example

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**P.G.D.C.A. (Semester - II) (New) (CBCS) Examination: March/April-2023
JAVA and Python Programming (PGD203)**

Day & Date: Friday, 28-07-2023
Time: 03:00 PM To 06:00 PM

Max. Marks: 80

Instructions: 1) All questions are compulsory
2) Figures to the right indicate full marks.

Q.1 A) Choose the single correct alternative. 10

- 1) Who is known as father of Java Programming language?
 - a) James Gosling
 - b) M. P. Rama
 - c) Charlas Babage
 - d) Pascal
- 2) Java language was initially called is _____.
 - a) Sumatra
 - b) J++
 - c) Oak
 - d) Pink
- 3) JVM stands for _____.
 - a) Java Video Machine
 - b) Java Virtual Machine
 - c) Java Variable Model
 - d) None of these
- 4) OOP stands for _____.
 - a) Object Oak Programming
 - b) Object Oriented Programming
 - c) Object Organization Programming
 - d) none of these
- 5) WORA stands for _____.
 - a) Write One, Run anytime
 - b) Write Once, Run Anywhere
 - c) Write Only, Run Anyplace
 - d) Write Once, Recover Anytime
- 6) _____ is used text editor in java.
 - a) Notepad
 - b) MS-Word
 - c) Excel
 - d) PowerPoint
- 7) Who is developed the Python Language?
 - a) Zim dim
 - b) Guido Van Rossum
 - c) Nicne Stom
 - d) Denich Ritche
- 8) _____ is the extension of Python file.
 - a) .py
 - b) .python
 - c) .p
 - d) None of these
- 9) Round (4.576) what will b the output of the function?
 - a) 4
 - b) 4.5
 - c) 576
 - d) 5
- 10) _____ is a decision-making statement.
 - a) if-statement
 - b) Loop
 - c) Switch
 - d) None

B) True or false.**06**

- 1) Object is Include states and behavior.
- 2) JDK stands for Java Development Kit.
- 3) Python written in PHP Language.
- 4) Java programming language was originally developed by Oracle
- 5) PVM stands for Python Virtual Machine.
- 6) JIT stands for Java in Time.

Q.2 Answer any 4 in the Following**16**

- a) What is Keyword? write down java keyword?
- b) What is mean by Object & Class with example.
- c) Write down History of Python.
- d) Write down Application of Python.
- e) Explain the types of Classes in Java.

Q.3 Attempt any two the following.**16**

- a) Explain Advantages of Java Programming.
- b) Explain the Data types in Python?
- c) Explain Concept of OOP?

Q.4 Answers the following.**16**

- a) Explain the different data types in Java.
 - b) Write Java program to find Even and odd number.
- OR**
- a) Explain the control Structure & Loop with Example.
 - b) Write a Python program to find positive and Negative Number.

Q.5 Write down query following structure.**16**

- a) Create table Student with column
(Srno, Name, date of birth, sex, address, city, pin code)
- b) Insert 5 record for
(Srno, Name, date of birth, sex, address, city, pin code)

OR

- a) Write down features of of Python.
- b) What is Operator? Explain the types of operator.

16