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**P.G.D.C.A. (Semester - I) (New) (CBCS) Examination: March/April-2024
Communication Skill (PGD101)**

Day & Date: Wednesday, 22-05-2024
Time: 11:00 AM To 02:00 PM

Max. Marks: 80

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

Q.1 A) Choose the correct alternatives from the options. 10

- 1) Exchange of ideas between two or more persons is _____.
a) Understanding b) Telling
c) Communication d) Speaking
- 2) Communication is a two- way _____.
a) Process b) Technique
c) Method d) All of these
- 3) The word communication is derived from communis which means:
a) Common b) Message
c) Community d) Oral speech
- 4) Which of these should not be avoided for effective communication?
a) Noise b) Planning
c) Semantic problems d) Wrong assumptions
- 5) A _____ connects the sender to the receiver.
a) Channel b) Noise
c) Communication d) Feedback
- 6) 'A' and 'an' are the _____ articles.
a) Definite b) Indefinite
c) Particular d) Specified
- 7) The study of gestures and body postures for their impact on communication is known as:
a) Kinesics b) Proxemics
c) Semantics d) Paralanguage
- 8) The grapevine communication refers to _____.
a) Formal communication b) Informal communication
c) Written communication d) Oral communication
- 9) _____ are documents which are focused, relevant content made for a certain audience, a form of a systematic presentation of information relating to an event, progress of action or some business activity.
a) SOPs b) Memorandums
c) Reports d) Business letters
- 10) _____ is not one of the 7 C's of Communication.
a) Conciseness b) Correctness
c) Clarity d) Character

B) Fill in the blanks.

- 1) Audio-Visual communication is _____.
 - a) sight
 - b) sound
 - c) a and b
 - d) noise
- 2) The quality of a report is determined mainly by: _____.
 - a) The language of the report
 - b) The visual aspects
 - c) The length of the report
 - d) The Accuracy of the data
- 3) Denotations and Connotations are _____ barriers in communication.
 - a) Physical Barrier
 - b) Semantic Barrier
 - c) Encoding Barrier
 - d) Technical Barrier
- 4) The mode of communication that involves a single source transmitting information to a large number of receivers simultaneously, is called _____.
 - a) Group Communication
 - b) Mass Communication
 - c) intrapersonal Communication
 - d) Interpersonal Communication
- 5) Which mode of communication includes tone of voice, body language, and facial expressions?
 - a) Verbal
 - b) Nonverbal
 - c) Oral
 - d) Written
- 6) On the _____ it is possible to get immediate feedback.
 - a) Letter
 - b) Telephone
 - c) e-mail
 - d) Fax

Q.2 Write Short Notes. (Any Eight)

16

- a) The 'You Attitude'.
- b) What is Agenda?
- c) Causes of brain drain in Communication.
- d) List contents of a report.
- e) Uses of Internet
- f) Non-Verbal Communication
- g) Decode -Explain.
- h) Auditory Communication
- i) What do you mean by Channel of Communication?

Q.3 Answer the following questions. (Any Four)

16

- a) What are the barriers to listening?
- b) State some expressions of non-verbal communication.
- c) Discuss the role of fax, email and video conferencing in communication.
- d) Why communication is important for a business organization?
- e) Importance of Time Management.

Q.4 Answer the following questions. (Any Two)

16

- a) Explain the barriers of communication and suggest measures for overcome these barriers.
- b) Explain the advantages and disadvantages of written communication?
- c) What are 7 C's of Communication?

Q.5 Answer the following questions.

16

- a) Elaborate the various steps involved in the process of communication.
- b) What are Visual communication? How they are useful for communication?

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**P.G.D.C.A. (Semester - I) (New) (CBCS) Examination: March/April-2024
Fundamental of Computer and Information Technology (PGD102)**

Day & Date: Friday, 24-05-2024
Time: 11:00 AM To 02:00 PM

Max. Marks:80

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

Q.1 Choose the single correct alternative.

16

- 1) _____ is the second generation of computer.
 - a) Transistor
 - b) Vacuum Tube
 - c) IC
 - d) Largest Scale Integration
- 2) Which of the following are the Data Sources in data science?
 - a) Structured
 - b) Unstructured
 - c) Both A and B
 - d) None of the above
- 3) DVD Stands for _____.
 - a) Digital Value Disk
 - b) Disk Voice Dynamic
 - c) Decimal Video Dynamic
 - d) Digital Video Disk
- 4) Assembly language is _____ language.
 - a) Low level
 - b) High Level
 - c) Simple
 - d) Hard
- 5) ETL Stands for _____.
 - a) Extraction, Transformation, and Load
 - b) Edit Two Line
 - c) Exit Transform Load
 - d) Element Throw Load
- 6) Dot-Matrix, Inkjet, Laser are all types _____.
 - a) Scanners
 - b) Plotter
 - c) Printers
 - d) All the above
- 7) A _____ is the brain of computer.
 - a) Pen drive
 - b) Cabinet
 - c) Microprocessor
 - d) Hard disk
- 8) Who was the developer of Hadoop language?
 - a) Hadoop Software Foundation
 - b) Apache Software Foundation
 - c) Sun Microsystems
 - b) Microsoft
- 9) The _____ is the largest network in the world.
 - a) Internet
 - b) Interanet
 - c) Idea
 - d) Intimate
- 10) Base of binary number is _____.
 - a) one
 - b) two
 - c) eight
 - d) ten
- 11) Hadoop works in _____.
 - a) Master-Seeing fashion
 - b) Master-Save fashion
 - c) Master-Saving fashion
 - d) Master-Slave fashion

- 12) LED stands for _____.
a) Light Embedded Display b) Light Else Display
c) Light Emitting Diode d) Light Easy Digital
- 13) Compact disk is the _____ storage device.
a) sequence b) secondary
c) volatile d) primary
- 14) _____ represent alphanumeric data by a combination of adjacent vertical lines by varying their width and the spacing between them.
a) Picture b) Lining
c) Broad Line d) Bard-code
- 15) Data in _____ bytes size is called Big Data.
a) Tera b) Giga
c) Peta d) Meta
- 16) Which of the following is not an operating system?
a) MacOs b) WinRAR
c) LINUX d) WINDOWS

Q.2 Answer any Four of the following. 16

- a) What are the attribute of big data?
b) Explain the first generation of computer.
c) Write on: Internet
d) Explain the binary and octal number systems.
e) Write on : Bar code Reader

Q.3 Answer any Two of the following. 16

- a) Explain the characteristics of computer.
b) What are benefits of data science?
c) Write on: Keyboard, Mouse and joystick.

Q.4 Answer any Two of the following. 16

- a) What are the computer topologies?
b) Explain the block diagram of computer in detail.
c) Explain the operating system in details with its functions.

Q.5 Answer any One of the following. 16

- a) What is data science? Explain the data science process in detail.
b) What is secondary memory? Explain the Hard disk and floppy disk in detail.

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P.G.D.C.A. (Semester - I) (New) (CBCS) Examination: March/April-2024
Introduction to Accounting Package and MS-office (PGD103)

Day & Date: Monday, 27-05-2024
Time: 11:00 AM To 02:00 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 Choose the single correct alternative.

16

- 1) _____ is the extension of Ms-Excel files?
a) .xls
b) .exe
c) .doc
d) .rtf
- 2) While working in MS-Word you have to work with _____.
a) Both mouse and keyboard
b) Mouse
c) Keyboard
d) None of these
- 3) In tally, for Memo voucher _____ key is used.
a) Ctrl + F10
b) F8
c) F9
d) F12
- 4) In MS-word _____ short key is used to undo typing.
a) Ctrl + Z
b) Alt + Z
c) Shift + Z
d) Ctrl + U
- 5) Which of the following is an example of page orientation?
a) A4
b) Subscript
c) Superscript
d) Landscape
- 6) Using F2 functional key _____ Option gets activated in tally.
a) Date
b) Backup
c) Restore
d) Period
- 7) A ledger is called a book of _____.
a) Primary entry
b) Final entry
c) Original entry
d) None of the above
- 8) By default, each workbook in Excel contains _____ worksheets.
a) Three
b) One
c) Two
d) Five
- 9) Microsoft Word, Microsoft Excel, and Microsoft PowerPoint are the part of _____.
a) Microsoft Office Suite
b) Microsoft Windows
c) Mac OS X
d) None of these
- 10) We can detect spelling and grammar error by _____.
a) Press Shift + F7
b) Press F7
c) Press Alt + F7
d) None of these
- 11) Which command is used to quit power point?
a) Alt + F4
b) Alt + Shift + F4
c) F4
d) Either (a) or (b)

- 12) In Excel, _____ contains one or more worksheets.
 - a) Template
 - b) Workbook
 - c) Active cell
 - d) Label
- 13) In general, the financial year from shall be from _____.
 - a) 1st April of any Year
 - b) 31st March of any year
 - c) 1st January of any year
 - d) None of these
- 14) Transfer from Main Cash to petty Cash you require to pass _____ voucher.
 - a) Contra
 - b) Payment
 - c) Receipt
 - d) None of these
- 15) The shortcut key to quit from Tally is _____.
 - a) Ctrl + P
 - b) Ctrl + Q
 - c) Ctrl + M
 - d) Ctrl + L
- 16) Which is not included in a Font Style?
 - a) Bold
 - b) Regular
 - c) Italic
 - d) Superscript

Q.2 Answer Any Four to the following. 16

- a) What is Debtor?
- b) Write on: Column Freezing.
- c) Explain any five statistical function of MS-Excel.
- d) Write down component of Page Layout in MS-Word?
- e) Write down short cuts of Copy, Cut, Paste, Undo, Redo, Find and replace?

Q.3 Answer Any Two of the following. 16

- a) Explain features of tally, which makes it preferable are conventional manual accounting.
- b) Write down different views are used in Power Point.
- c) What are functions? Why it is necessary in MS-Excel?

Q.4 Answer Any Two of the following. 16

- a) Explain different steps, while creating chart in MS-Excel.
- b) Explain role of computer in accountancy.
- c) Explain different chart types of MS-Excel.

Q.5 Answer Any One of the following. 16

- a) What is accounting? Explain the golden rules of account in detail.
- b) What are the different applications of MS-Office? Explain their use in detail.

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P.G.D.C.A. (Semester - I) (New) (CBCS) Examination: March/April - 2024
Software Engineering with C Programming (PGD104)

Day & Date: Wednesday, 29-05-2024
 Time: 11:00 AM To 02:00 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) Different things to different people is called _____.
 a) Input b) System
 c) Output d) Software
- 2) _____ is the middleman between the user community and the programming community.
 a) System Analyst b) System Design
 c) System Developer d) None
- 3) SDLC stands for _____.
 a) System Development Life Cycle
 b) Sort Development Life Cycle
 c) Search Development Life Cycle
 d) Simple Development Life Cycle
- 4) _____ is the keyword in c-Language.
 a) Enum b) Vertical Bar
 c) Hyphen d) Under Score
- 5) _____ is a data types in c.
 a) Int b) Number
 c) List d) Group
- 6) Which of the following is not valid Logical operator?
 a) <= b) AND
 c) OR d) NOT
- 7) Who developed the C-programming language?
 a) Bjarne Stroustrup b) James gosling
 c) Dennis Ritche d) Ray Boyce
- 8) Which of the following is responsible for conversion of C-Program to machine language?
 a) Operating system b) An editor
 c) A Compiler d) An Interpreter
- 9) C is _____ language.
 a) High Level b) Low Level
 c) Assembly level d) Machine level
- 10) Design a Complex Project is called _____.
 a) System Analysis b) Software Engineer
 c) UI Developer d) Software Designer

- B) True or False. 06**
- 1) Interaction and Structure is the Characteristics of System.
 - 2) Interview is the fact finding Techniques.
 - 3) C language is low level language.
 - 4) A step by step instruction is called Algorithm.
 - 5) Conversion Higher Level Language into Machine Level Language is Called Compiler.
 - 6) Waterfall Model is a Type SDLC Model.

- Q.2 Answer the following Questions. (Any Four) 16**
- a) Explain the types of Operator In C.
 - b) What is Control Statement? Explain with Example?
 - c) Write down Role of System Analyst?
 - d) Write down characteristics of C-language.
 - e) Write down escape Sequence in C- language.

- Q.3 Attempt the following Questions. (Any Two) 16**
- a) Write a C Program to find Number is Even Or Odd?
 - b) What is Loop? Explain types of Loop with example?
 - c) Explain the Characteristic of Software Engineering?

- Q.4 Attempt the following Questions. (Any One) 16**
- a) Write a C-Program to Find Largest Three number.
 - b) Write down all fields in Adhar Card Management system with data type and size.
- OR**
- a) Write down Input and Output operation function in C?
 - b) Write a C Program to print the factorial of given no.

- Q.5 Attempt the following Questions. (Any One) 16**
- a) Explain the C-Tokens?
- OR**
- b) What is System? Explain the Types of System with Example?

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P.G.D.C.A. (Semester - I) (New) (CBCS) Examination: March/April-2024
Web Programming with PHP (PGD105)

Day & Date: Friday, 31-05-2024
 Time: 11:00 AM To 02:00 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) HTML is what type of language _____.
 a) Scripting language b) Markup language
 c) Programming language d) Network protocol
- 2) _____ year in which HTML was first proposed
 a) 1990 b) 1980
 c) 2000 d) 1995
- 3) Fundamentals of HTML is known as _____.
 a) HTML body b) HTML tag
 c) HTML architecture d) HTML element
- 4) HTML stands for _____.
 a) High Text Markup Language
 b) Hyper Text Markup Language
 c) High Transfer Markup Language
 d) Hyper Text Main Language
- 5) WWW stands for _____.
 a) World Wide We b) Word Wide We
 c) Work Wide We d) Wrong Wide We
- 6) _____ is a simple text file created using HTML
 a) Webpage b) Web browser
 c) URL d) None of the above
- 7) PHP is an example of _____ scripting language.
 a) Server side b) Client side
 c) inside side d) Outside
- 8) Who is the known as the father of PHP _____.
 a) Rasmus lerdorf b) William markpiece
 c) Drake khol d) List Bareill
- 9) PHP script are enclosed within _____.
 a) `< php > - - - - </php >`
 b) `<? php > - - - ? >`
 c) `<? > - - - <? >`
 d) None of the above
- 10) JS stands for _____.
 a) Java Solution b) JavaScript
 c) Java side d) Java server

B) True or false**06**

- 1) Web Server is Computer that store Websites.
- 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 given 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 Web Techonology?
- b) Write down basic Structure of HTML?
- c) Write down Advantage of PHP?
- d) Write down CSS?
- e) Write down Difference between Data and Information?

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

- a) Write down data type in MySQL?
- b) What is web Server? Write down major function of web server?
- c) What is Operator? Explain the types of Operator?

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

- a) Write down advantage and Disadvantage of HTML?
- 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 HTML 12 tags with example.

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-2024
DBMS with oracle (PGD201)**

Day & Date: Saturday, 25-05-2024
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 meaningful data.
 - a) Data
 - b) Information
 - c) Field
 - d) None of these
- 2) _____ is a data type of Oracle.
 - a) Text
 - b) Both a & b
 - c) Varchar2
 - d) None of these
- 3) DDL stands for _____.
 - a) Data Direct Language
 - b) Data Definition Language
 - c) Data Deeper Language
 - d) Data Decision Language
- 4) SQL stands for _____.
 - a) Structure Quiz Language
 - b) Structure Question Language
 - c) Structure Quarter Language
 - d) Structure Query Language
- 5) A column a relation is called as _____.
 - a) Domain
 - b) Attribute
 - c) Relation
 - d) None of these
- 6) Special type of command is called _____.
 - a) Query
 - b) Object
 - c) Data Atomicity
 - 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) Foreign Key
 - c) Compose Key
 - d) Primary Key
- 9) DBA stands for _____.
 - a) Data Base Account
 - b) Data Base Administrator
 - c) Data Base Access
 - d) Data Base Act
- 10) _____ is component of DBMS.
 - a) Data
 - b) Model
 - c) Trigger
 - d) Cursor

B) True or False.**06**

- 1) Raw information is called Data.
- 2) DDL means Data Declare Language.
- 3) Data Integrity is advantages of DBMS.
- 4) OLE means Object Linking Embedding
- 5) A column is called Attribute.
- 6) The full form of DBMS is Data Management System.

Q.2 Answer in the following. (Any Four)**16**

- a) Write down Symbols of E-R Model.
- b) Write Down DML commands with example.
- c) Write Down component of dbms.
- d) Write down types of relationships mapping.
- e) Write down type of Cursor.

Q.3 Attempt the following. (Any Two)**16**

- a) Explain the different data types in Oracle.
- b) Write down advantages of DBMS.
- c) What is Key? Write down Types of Keys.

Q.4 Attempt the following. (Any One)**16**

- a) Difference between DBMS and RDBMS?
- b) Write PL/SQL code to add two number and display the o/p.

OR

- a) What is Operator? Explain the types of operator?
- b) Write PL/SQL code to find Largest 3 number.

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

- a) Create table Employee with column.
(Emp_No, Adharno, Name, sex, address, Date_of_join, Designation)
- b) Insert 5 record for
(Emp_No, Adharno, Name, sex, address, Date_of_join, Designation)

OR

- a) What is Transaction? Write down Properties of Transaction.
- b) Explain the control Structure & Loop with Example.

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**P.G.D.C.A. (Semester -II) (New) (CBCS) Examination: March/April - 2024
ASP.NET using C# (PGD202)**

Day & Date: Tuesday, 28-05-2024
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) Which of the following programming language is used in ASP.NET?
 - a) C++
 - b) Java
 - c) C#
 - d) Python
- 2) ASP stands for _____.
 - a) Action Server Page
 - b) Active Server Page
 - c) Access Server page
 - d) Active Sorting Page
- 3) What is the extension of an ASP.NET page?
 - a) .asp
 - b) .aspx
 - c) .php
 - d) .html
- 4) Which of the following is NOT a server control in ASP.NET?
 - a) Text Box
 - b) Label
 - c) Button
 - d) Jave Script
- 5) _____ operator returns the remainder of the arithmetic operator.
 - a) /
 - b) |
 - c) &
 - d) %
- 6) ADO.net stands for _____.
 - a) Active X Data Object.Net
 - b) Access X Data Object.Net
 - c) Agree X Data Object.Net
 - d) Active Data operation.Net
- 7) C# does not support _____ statement.
 - a) Break
 - b) Goto
 - c) Go
 - d) Continue
- 8) Every Real word entity is called _____.
 - a) Object
 - b) Attribute
 - c) Character
 - d) Class
- 9) CLR stands for _____.
 - a) Common Language Runtime
 - b) Connection Language Runtime
 - c) Common Language Record
 - d) Common Language Register
- 10) _____ is a reserved Keyword.
 - a) Super
 - b) Abstract
 - c) Literal
 - d) variable

B) True or False.**06**

- 1) C# run on the .NET Frame Work.
- 2) C# an Object Oriented Programming Language
- 3) Number is data type of C#.
- 4) ASP.NET create Dynamic Web Side.
- 5) NET stands for New Emergency Technology.
- 6) JIT is Just in Time compiler.

Q.2 Answer Any Four of the following Questions.**16**

- a) Concept State Management.
- b) Concept of Master Page.
- c) Draw a diagram Architecture of ADO.NET.
- d) Write down CSS.
- e) Write down Concept of Namespace.

Q.3 Attempt Any Two of the following.**16**

- a) Explain the important features of C#?
- b) Write a C# program to Multiplication two number.
- c) Write Down advantage of Web Site?

Q.4 Attempt Any One of the following.**16**

- a) Explain the different data types in C#.
- b) Write C# program to find largest three number?

OR

- a) What ASP.NET? Explain the ASP.NET controls.
- b) What .NET framework? Explain the Component of the .NET Framework.

Q.5 Attempt Any One of the following.**16**

- a) What is Looping? Explain the types of Looping with example.
- b) What is operator? Explain the types of Operator?

OR

- a) Explain the Object Oriented Concept in detail.
- b) Write down Pass By Value and Pass By Reference.

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**P.G.D.C.A. (Semester -II) (New) (CBCS) Examination: March/April - 2024
JAVA and Python Programming (PGD203)**

Day & Date: Thursday, 30-05-2024
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) Figures to the right indicate full marks.
4) Use of logarithmic table and calculator is allowed.

Q.1 Choose the Single Correct Alternative.

16

- 1) Who invented Java Programming?
 - a) Guido van Rossum
 - b) James Gosling
 - c) Dennis Ritchie
 - d) Bjarne Stroustrup
- 2) What is the default value of a boolean variable in Java if it's not explicitly initialized?
 - a) True
 - b) False
 - c) Infinite
 - d) None of these
- 3) Multiline comment is created using _____.
 - a) //
 - b) /**/
 - c) <!-- -- >
 - d) None of these
- 4) What is the extension of compiled java classes?
 - a) .class
 - b) .java
 - c) .txt
 - d) .js
- 5) Which of these keywords is not a part of exception handling?
 - a) Try
 - b) Finally
 - c) Thrown
 - d) Catch
- 6) Is Python code compiled or interpreted?
 - a) Python code is both compiled and interpreted
 - b) Python code is neither compiled nor interpreted
 - c) Python code is only compiled
 - d) Python code is only interpreted
- 7) Which of the following is the correct extension of the Python program?
 - a) .python
 - b) .pt
 - c) .py
 - d) .ppt
- 8) Which keyword is used for function in Python language?
 - a) Function
 - b) Def
 - c) Fun
 - d) Define
- 9) Python supports the creation of anonymous functions at runtime, using a construct called _____.
 - a) pi
 - b) anonymous
 - c) lambda
 - d) None of these
- 10) Which of the following functions is a built-in function in python?
 - a) Factorial()
 - b) Print()
 - c) Seed()
 - d) Sqrt()

- 11) What is the maximum length of a Python identifier?
 a) 16
 b) 23
 c) 32
 d) No fixed length is specified
- 12) How is a code block indicated in Python?
 a) Key
 b) Brackets
 c) Indentation
 d) None of these
- 13) List, tuple, and range are the _____ of Data Types.
 a) Sequence Types
 b) Binary Types
 c) Boolean Types
 d) None of these
- 14) Which of these keywords must be used to handle the exception thrown by try block in some rational manner?
 a) Try
 b) Finally
 c) Throw
 d) Catch
- 15) Which of the below is invalid identifier with the main method?
 a) Public
 b) Static
 c) Private
 d) Final
- 16) Which component is used to compile, debug and execute the java programs?
 a) JRE
 b) JIT
 c) JDK
 d) JVM

Q.2 Answer the following Questions. (Any Four)**16**

- a) What is an Array?
 b) Write on: Input Streams.
 c) What is Tuple? Explain with example.
 d) What is Dictionary? Explain with example.
 e) What is JVM?

Q.3 Answer the following. (Any Two)**16**

- a) What is Formal and Actual Parameter used in Python?
 b) Explain data types used in Java with example.
 c) Write a java program to check if a given number is prime or not.

Q.4 Answer the following. (Any Two)**16**

- a) What is operator? Explain the arithmetic operator with suitable example used in python programming.
 b) Write a java program to accept any three numbers find out largest number among these numbers.
 c) Explain the OOPs concepts in details.

Q.5 Answer the following. (Any One)**16**

- a) What is Function? Explain type of functions used in python programming with suitable examples.
 b) What is the control structures used in Java Programming? Explain with example.