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

Day & Date: Monday, 08-01-2024  
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) \_\_\_\_\_ is an exchange of facts, ideas, opinions or emotions by two or more persons.
  - a) communication
  - b) combination
  - c) conversation
  - d) connection
- 2) Communication through \_\_\_\_\_ and \_\_\_\_\_ is called verbal communication.
  - a) written material and gestures
  - b) gestures and spoken words
  - c) spoken words and written material
  - d) body language and gestures
- 3) A \_\_\_\_\_ connects the sender to the receiver.
  - a) Channel
  - b) Noise
  - c) Communication
  - d) feedback
- 4) The \_\_\_\_\_ in the usage of words may be a serious barrier to effective communication.
  - a) disturbance
  - b) discrimination
  - c) disorder
  - d) distortion
- 5) Most of us use \_\_\_\_\_ and \_\_\_\_\_ in addition to words when we speak.
  - a) words and gestures
  - b) gestures and body language
  - c) body language and posture
  - d) posture and eye gazing
- 6) Communication through \_\_\_\_\_ and \_\_\_\_\_ is called verbal communication.
  - a) written material and gestures
  - b) gestures and spoken words
  - c) spoken words and written material
  - d) body language and gestures
- 7) Formal interview also known as \_\_\_\_\_.
  - a) Planned Interview
  - b) Unstructured interview
  - c) Group interview
  - d) None of these
- 8) Proper nouns always begin with \_\_\_\_\_ letters.
  - a) Running
  - b) Capital
  - c) Small
  - d) Numerical
- 9) Meetings are based on one \_\_\_\_\_.
  - a) Minutes
  - b) Topic
  - c) predetermined topic
  - d) Issue



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

Day & Date: Tuesday,09-01-2024  
 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 Multiple choice questions.**

**14**

- 1) LAN stands for \_\_\_\_\_.
 

a) Link Area Network	b) Local Area Network
c) Local Area New	d) New Area Network
- 2) \_\_\_\_\_ is one type of operating system.
 

a) Paint	b) Windows
c) Page maker	d) Excel
- 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) Which network topology requires a central controller or hub?
 

a) Star topology	b) Ring topology
c) Bus topology	d) Hybrid topology
- 6) Dot-Matrix, Inkjet, Laser are all types \_\_\_\_\_.
 

a) Scanners	b) Monitors
c) Printers	d) None of these
- 7) A \_\_\_\_\_ is the brain of computer.
 

a) Mouse	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) Laser Printer is \_\_\_\_\_ type of printer.
 

a) Impact	b) Non-Impact
c) Both A and D	d) soft
- 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 which width and the spacing between them.
- a) Picture
  - b) Lining
  - c) Broad Line
  - d) Bard-codes
- 15) Touch screen is a/ an \_\_\_\_\_ device.
- a) input
  - b) output
  - c) Memory
  - d) None of these
- 16) \_\_\_\_\_ is the second generation of computer.
- a) Transistor
  - b) Vacuum Tube
  - c) IC
  - d) Largest Scale Integration

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

- a) What are the attributes of big data?
- b) Explain the second generation of computer.
- c) Write on: LAN, MAN and WAN.
- d) Explain the binary and octal number systems.
- e) Write on: E-Mail

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

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

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

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

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

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

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

Day & Date: Wednesday, 10-01-2024  
 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 Multiple choice questions.**

**16**

- 1) \_\_\_\_\_ is the extension of Ms-Word file.
  - a) .doc
  - b) .txt
  - c) .xls
  - d) .bmp
- 2) In MS Power Point \_\_\_\_\_ view splits you screen into three major sections: the Outline & Slides tabs, the Slide pane, and the Task pane.
  - a) Normal
  - b) slide sorter
  - c) Note page
  - d) slide show
- 3) \_\_\_\_\_ is one of the most popular accounting software packages that is used to record day-to-day transactions.
  - a) Tally
  - b) Excel
  - c) Calculator
  - d) None of these
- 4) \_\_\_\_\_ shows the financial position of business for the particular financial year, on a particular date.
  - a) Balance sheet
  - b) Sheet
  - c) Trial balance
  - d) Receipt
- 5) To print a voucher from tally, we need to press \_\_\_\_\_.
  - a) Alt + P
  - b) Alt + N
  - c) Ctrl + N
  - d) Alt + S
- 6) Total amount invested by the proprietor into the business is called as \_\_\_\_\_.
  - a) Capital
  - b) investment
  - c) assets
  - d) cost
- 7) In MS-word to save the document \_\_\_\_\_ Short cut key is used.
  - a) Ctrl + V
  - b) Ctrl + S
  - c) Alt + S
  - d) Ctrl + N
- 8) Which option is used in Tally to make changes in created company?
  - a) Create company
  - b) Shut company
  - c) Alter
  - d) None of these
- 9) \_\_\_\_\_ cannot be used to work in MS Office.
  - a) Scanner
  - b) Joystick
  - c) Mouse
  - d) Light Pen
- 10) What is the blank space outside the printing area on a page?
  - a) Clipart
  - b) Margins
  - c) Footer
  - d) Header

- 11) Which of the following software is used for making a resume?  
a) MS-Word  
b) MS-Excel  
c) MS-Power Point  
d) None of these
- 12) Press \_\_\_\_\_ to open the help window in the MS-Word document.  
a) F10  
b) F7  
c) F1  
d) F6
- 13) Select all the text in MS-Word document by \_\_\_\_\_.  
a) Ctrl + B  
b) Alt + B  
c) Ctrl + S  
d) Ctrl + A
- 14) Ctrl + N is used to \_\_\_\_\_.  
a) Save the Document  
b) Open the Document  
c) Create a New Document  
d) Close the Document
- 15) The basic unit of a worksheet into which you enter data in excel is called a \_\_\_\_\_.  
a) Row  
b) Column  
c) Cell  
d) Box
- 16) Tally package is developed by \_\_\_\_\_.  
a) Tally Solutions  
b) Intel  
c) IBM  
d) Sun Micro System

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

- a) What are features of Tally?  
b) Explain the standard tool bar in MS-Word.  
c) Explain the slides and its different views.  
d) What is a table in MS-Word? How to create and handle a table?  
e) What is balance sheet? Explain in detail?

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

- a) What are the rules for Debit and Credit for each type of account?  
b) Explain different features of MS-Excel.  
c) Explain the Rules of accounting.

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

- a) What are the different page views and layout of documents?  
b) Explain the journal voucher with suitable example.  
c) Write down basic types of the accounts.

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

- a) What is Voucher? Explain different types of the vouchers in detail.  
b) What is MS-Office? Explain different application of MS-Office in detail.



- 11) Standard ANSI C recognizes \_\_\_\_\_ number of Keywords.
  - a) 30
  - b) 32
  - c) 24
  - d) 36
- 12) Loops in 'C' Language are implemented using?
  - a) While Block
  - b) For Block
  - c) Do While Block
  - d) All of these
- 13) The spiral model has two dimensions namely \_\_\_\_ and \_\_\_\_\_.
  - a) diagonal, angular
  - b) radial, perpendicular
  - c) radial, angular
  - d) diagonal, perpendicular
- 14) Each statement in a C program should end with?
  - a) Semicolon ;
  - b) Colon :
  - c) Period . (dot symbol)
  - d) None of the above
- 15) Which of the fact-finding technique?
  - a) Record reviews
  - b) System data
  - c) Inputting Record
  - d) None of these
- 16) The spiral model was originally proposed by \_\_\_\_\_.
  - a) IBM
  - b) Royce
  - c) Pressman
  - d) Barry Boehm

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

**16**

- a) What is role of system analyst?
- b) Explain if-else statement.
- c) Write on: Keywords and identifier.
- d) Write a program to find out given number is even or odd.
- e) What is feasibility study?

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

**16**

- a) Explain the waterfall model in detail.
- b) What are operators? Explain different types of operators used in c programming language.
- c) What is software testing? Explain its needs.

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

**16**

- a) What is looping? Explain the while loop and for loop with suitable example.
- b) Write a program to print following pattern.
 

```

1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
      
```
- c) What is White box testing? Explain its advantages and disadvantages?

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

**16**

- a) What is an array? Explain its types with suitable example.
- b) What is fact finding technique? Explain its techniques.



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

Day & Date: Friday, 12-01-2024  
 Time: 11:00 AM To 02:00 PM

Max. Marks: 80

- Instructions:** 1) All question are multiple choice question.  
 2) Each question should only correct option.  
 3) Question based on all subject and equal weighted for all units.  
 4) Each set should be contain 50 questions.

**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) WWW stands for \_\_\_\_\_.
  - a) World Wide Web
  - b) Word Wide Web
  - c) Work Wide Web
  - d) Wrong Wide Web
- 3) \_\_\_\_\_ is a simple text file created using HTML.
  - a) Webpage
  - b) Web browser
  - c) URL
  - d) None of the above
- 4) HTML is enclosed within \_\_\_\_\_ tags
  - a) One
  - b) Two
  - c) Three
  - d) None
- 5) \_\_\_\_\_ is tag is used to insert an image with web page.
  - a) <img>
  - b) <HR >
  - c) <tr>
  - d) None
- 6) \_\_\_\_\_ is used to create a table.
  - a) <table>
  - b) <tr>
  - c) <br>
  - d) <link>
- 7) JS stands for \_\_\_\_\_.
  - a) Java Solution
  - b) Java Script
  - c) Java Side
  - d) Java Sever
- 8) \_\_\_\_\_ is the Relational Operator.
  - a) %
  - b) <=
  - c) And
  - d) \*
- 9) CSS stands for \_\_\_\_\_.
  - a) Cash Style Sheet
  - b) Cascading Style Sheet
  - c) Cross Style Sheet
  - d) Cascading Store Sheet
- 10) PHP stands for \_\_\_\_\_.
  - a) PHP Processor
  - b) PHP hypertext processor
  - c) PHP Markup language
  - d) Private Home Page

**B) True or false****06**

- 1) PHP is an example of server side scripting language
- 2) PHP scripts are enclosed within `<php>-----</php>`
- 3) HTML program is given filename .html extension used
- 4) PHP stands for Past Home Page.
- 5) HTML is a low-level language.
- 6) SQL stands for Structure Query Language.

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

- a) What is a webpage and a web browser?
- b) Write down the basic structure of HTML?
- c) Write down the advantages of PHP?
- d) Write down CSS?
- e) Write down Data, Information, Record and file

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

- a) Write down 8 HTML tags with examples?
- b) Write down HTML code to display various sizes of heading with a background color of red?

Following output

**World Cup**

World Cup

World Cup

World Cup

World Cup

World Cup

- c) What is JavaScript? Explain the use of JavaScript?

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

- a) What is an operator? Explain the types of operators?
- b) Explain the advantages of a website?

**OR**

- c) Write down PHP code to find even and odd numbers?
- d) What is SQL? Write down data types in SQL?

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

- a) Write down advantages and disadvantages of HTML?

**OR**

- b) What is the web? Explain the components and use of the web?

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

Day & Date: Monday, 08-01-2024  
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) Multiple choice questions. 10**

- 1) \_\_\_\_\_ is an unprocessed facts.
  - a) Data
  - b) Information
  - c) Field
  - d) None of these
- 2) \_\_\_\_\_ is a data type of Oracle.
  - a) Text
  - b) Varchar2
  - c) Both a & b
  - 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 Column a relation is called as \_\_\_\_\_.
  - a) Domain
  - b) Attribute
  - 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) To sort records, we are used \_\_\_\_\_ Commands in sql.
  - a) ORDER BY Clause
  - b) HAVING Clause
  - c) GROUP BY Clause
  - d) None 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) OLE stands for \_\_\_\_\_.
  - a) Object Line embedded
  - b) Object Linking Embedding
  - c) Object Less Equal
  - d) Object Lock Ejects

- B) State True/False.** **06**
- 1) SQL stands for Structure Question Language.
  - 2) DDL means Data Definition Language.
  - 3) Improved Data sharing is advantages of DBMS.
  - 4) Software is component of DBMS.
  - 5) Special type of Command is called Query.
  - 6) Char is basic data type in oracle.
- Q.2 Answer the following questions. (Any Four)** **16**
- a) Write the Components of DBMS?
  - b) Write Down DML 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 Hospital Management System.
  - b) Write down advantages of DBMS.
  - c) What is key? Write down Types of Keys.
- Q.4 Attempt the following questions.** **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.  
(Roll No, Name, Sub1, Sub2, Sub3, Total, Percent)
  - b) Insert 5 record for.  
(Roll No, Name, Sub1, Sub2, Sub3, Total, Percent)
- OR**
- a) Explain the types of Data Model with example.
  - b) What is Operator? Explain the types of operators?

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**P.G.D.C.A. (Semester - II) (New) (CBCS) Examination: Oct/Nov-2023  
ASP.NET using C# (PGD202)**

Day & Date: Tuesday, 09-01-2024  
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) ASP stands for \_\_\_\_\_.  
a) Action Server Page                      b) Active Server Page  
c) Access Server page                      d) Active Sorting Page
- 2) \_\_\_\_\_ operator returns the remainder of the arithmetic operator.  
a) /    b) |  
c) &    d) %
- 3) A superclass is also called as \_\_\_\_\_.  
a) baseclass                                  b) derived class  
c) subclass                                  d) inherit class
- 4) 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
- 5) \_\_\_\_\_ is ASP.NET controls.  
a) RadioButton                              b) Webbox  
c) ActiveButton                              d) ObjectButton
- 6) The execution of the program begins with \_\_\_\_\_.  
a) main()                                      b) set()  
c) class()                                      d) display()
- 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.**

- 1) CSS stands for Cascading Style Sheet.
- 2) C# pronounced by C-Sharp.
- 3) Number is data type of C#.
- 4) ASP.NET create dynamic web side.
- 5) NET stands for New Easy Technology.
- 6) JIT is Just in Time compiler.

**Q.2 Answer any Four of the Following questions.****16**

- a) Concept of .NET Frame work.
- b) Write down Component of ADO.NET.
- c) Write down Master Page.
- d) Write Down advantage of Web Site.
- 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 addition two number.
- c) Draw a diagram Architecture of ADO.NET.

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

- a) Explain the different data types in C#.
- b) Write C# program to find Odd and even 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 of the following.****16**

- a) What is looping? Explain the types of looping with example.
- b) What is operator? Explain the types of Operators?

**OR**

- a) Explain the Object-Oriented Concept in detail.
- b) Write down advantage of .Net Technology?

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

Day & Date: Wednesday, 10-01-2024  
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.  
3) Draw neat diagrams and give equations wherever necessary.  
4) Use of logarithmic table and calculator is allowed.

**Q.1 Choose the single correct alternative.**

- 1) Java was developed at sun Microsystems in 1991 by the team headed by \_\_\_\_\_.  
a) James Gosling                                      b) Charles Babbage  
c) Ken Thompson                                      d) Linus Torvalds
- 2) Java uses both \_\_\_\_\_ and \_\_\_\_\_ program execution.  
a) Compiler    b) Interpreter  
c) Both A and B                                      d) Assembler
- 3) Which one of the following is not a Java feature?  
a) Object-oriented                                      b) Use of pointers  
c) Portable    d) Dynamic and Extensible
- 4) When is the object created with new keyword?  
a) At compile time                                      b) At run time  
c) Depends on the code                                      d) None of these
- 5) Which data type is used to store a single character in Java?  
a) string    b) letter  
c) char    d) None of these
- 6) The \_\_\_\_\_ class is used to read input from the console input device.  
a) Input Stream Reader                                      b) IReader  
c) Input    d) None of these
- 7) Which of the following is used to define a block of code in Python language?  
a) Indentation    b) Key  
c) Brackets    d) None of these
- 8) Which of the following character is used to give single-line comments in Python?  
a) //    b) #  
c) !    d) /\*
- 9) Which of the following is not a core data type in Python programming?  
a) Tuples    b) Lists  
c) Dictionary    d) Class
- 10) What is the extension of java code files?  
a) .js    b) .txt  
c) .bmp    d) .java
- 11) Who developed Python Programming Language?  
a) Wick van Rossum                                      b) Rasmus Lerdorf  
c) Guido van Rossum                                      d) Dennis Ritchie

- 12) Conditional statements are also known as \_\_\_\_\_ statements.  
a) Decision-making                      b) Array  
c) List                                        d) None of these
- 13) Which of the following can't be a dictionary key?  
a) Integer                                    b) String  
c) List                                        d) Tuple
- 14) JRE stands for \_\_\_\_\_.  
a) Java run ecosystem                      b) JDK runtime Environment  
c) Java Runtime Environment              d) None of these
- 15) Python is a \_\_\_\_\_ object-oriented programming language.  
a) Special purpose                        b) General purpose  
c) Medium level                            d) None of these
- 16) Which of the following is the correct extension of the Python file?  
a) python                                    b) .pl  
c) .py                                        d) .p

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

- a) What is anonymous function?  
b) Explain the java virtual machine.  
c) Write on: Objects and Classes  
d) What is JDBC?  
e) Write on: Formal and actual parameter

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

- a) What are the features of java programming?  
b) What is list and tuples? Explain in details.  
c) What is if- else statement? Explain with suitable example in java programming.

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

- a) What is array used in java? Explain with example.  
b) What is python programming? Explain its features.  
c) Write a java program to print given number is even or odd.

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

- a) What is dictionary? How to create, update and delete dictionary? Explain in detail with suitable example.  
b) What are the operators? Explain operators in detail with suitable examples.