Seat No.

P.G.D.C.A. (Semester - I) (CBCS) Examination Oct/Nov-2019
FUNDAMENTALS OF COMPUTER AND INFORMATION TECHNOLOGY

Day & Date: Monday, 18-11-2019   Max. Marks: 70
Time: 11:30 AM To 02:00 PM

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

Q.1   **Fill in the blanks by choosing correct alternatives given below.**   **14**

1) The base of hexadecimal number system is _____.
   a) 2   b) 10
   c) 8   d) 16

2) In the first generation of computer _____ was used as an electronic component.
   a) transistor   b) IC
   c) vacuum tube   d) none of these

3) Windows 10 is an example of _____ software.
   a) application   b) system
   c) utility   d) language

4) RAM is internal memory _____.
   a) True   b) False

5) _____ is not an input device.
   a) Joystick   b) Scanner
   c) Projector   d) None of these

6) _____ is not a function of operating system.
   a) Memory management   b) User interface
   c) File management   d) None of these

7) The processor which performs arithmetical operations is known as _____.
   a) control unit   b) memory unit
   c) math co-processor   d) none of these

8) Which part of the computer helps to display information?
   a) disk drive   b) keyboard
   c) Monitor   d) none of these

9) A computer can understand only _____.
   a) high level language   b) assembly language
   c) binary language   d) none of these

10) The network in a building or an adjacent buildings is known as _____.
   a) LAN   b) MAN
   c) WAN   d) all of these

11) Internet is an example of _____.
   a) LAN   b) MAN
   c) WAN   d) all of these

12) Linux is an example single user multitasking operating system _____.
   a) True   b) False

13) Following is not a valid type of network topology.
   a) Star   b) Ring
   c) Bus   d) Micro

14) _____ is a collection of programs.
   a) Software   b) Hardware
   c) Firmware   d) All of these

Q.2 A) Answer the following questions. (Any Four)   **08**
   1) What is software? List the types of software.
   2) What is micro computer?
   3) List the names of input and output devices.
   4) What is RAM and RAM?
   5) Convert $(AB)_{16} = (?)_2$.

B) Write Notes. (Any Two)   **06**
   1) Semiconductor Memory
   2) Operating System
   3) Networking

Q.3 A) Answer the following questions. (Any Two)   **08**
   1) What is Motherboard? Explain in brief.
   2) Explain Scanner and Projector.
   3) What is interpreter?

B) Answer the following questions. (Any One)   **06**
   1) Explain network topologies.
   2) Explain the functions of Operating System.

Q.4 A) Answer the following questions. (Any Two)   **10**
   1) Explain number system.
   2) Explain printer with its type.
   3) Write on "Secondary Storage Devices".

B) Answer the following questions. (Any One)   **04**
   1) Draw the block diagram of computer.
   2) Convert the following
      i) $(10101)_2 = (?)_{10}$
      ii) $(126)_8 = (?)_{10}$

Q.5 Answer the following questions. (Any Two)   **14**
   a) Write on: Input devices.
   b) Write on "IT Applications".
   c) Explain generations of computer.

Seat No.

P.G.D.C.A. (Semester - I) (CBCS) Examination Oct/Nov-2019
INTRODUCTION TO ACCOUNTING PACKAGE AND MS-OFFICE

Day & Date: Tuesday, 19-11-2019   Max. Marks: 70
Time: 11:30 AM To 02:00 PM

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

Q.1 Fill in the blanks by choosing correct alternatives given below.   **14**

1) Which features is used to make selected sentence to all capital letter or all small letters?
   a) Change Letter   b) Change Sentence
   c) Change Case   d) Change Word

2) Superscript , Subscript, strikethrough are known as _____.
   a) Font fact   b) Font Style
   c) Font effect   d) Font format

3) Name of the application under MS-Office software bundle, that we use to Create audio visual presentation.
   a) MS-Word   b) MS-Excel
   c) MS-Powerpoint   d) MS-Access

4) We can apply border to _____.
   a) cell   b) paragraph
   c) table   d) all of these

5) By default footer are printed on _____.
   a) First page   b) Last Page
   c) All page   d) Even Page

6) Microsoft Word is _____ Program.
   a) Word Processor   b) Title Bar
   c) Spread Sheet   d) DBMS

7) To activate Gateway of tally _____ shortcut key is used.
   a) ctrl + m   b) ctrl + p
   c) ctrl + o   d) ctrl + g

8) In Tally, for Receipt Voucher _____ key is used.
   a) F6   b) F7
   c) F8   d) F9

9) Owner account under _____ account group.
   a) Capital   b) Purchase
   c) Sales   d) Drawing

10) A worksheet can have a maximum of _____ Numbers of Rows.
   a) 256   b) 1024
   c) 32000   d) 65535

11) Which short cut key inserts a new slide in the current Presentation?
   a) Ctrl + n   b) Ctrl +m
   c) Ctrl + s   d) All of above

12) In general the financial year from shall be from _____.
   a) 1st April of any year   b) 31st March of any year
   c) 1st June of any year   d) 1st Jan of any year

13) How many groups are pre-defined in Tally?
   a) 28   b) 30
   c) 15   d) 19

14) We can apply border to _____.
   a) Cell   b) Paragraph
   c) Table   d) All of these

Q.2 Answer the following questions.   **14**
   1) Explain the shortcut key in Microsoft Word.
   2) Explain the Gateway of Tally menu.

Q.3 Answer the following questions.   **14**
   1) What is Account? Explain types of A/c & Rules of A/c with example.
   2) Explain the Home tabs in MS-Power Point.

Q.4 Answer the following questions. (Any One)   **14**
   1) What is tally? Explain list of groups in Tally.
   OR
   2) What is tabs? Explain the tabs in Ms-Word.

Q.5 Answer the following questions. (Any One)   **14**
   1) Explain the Function key & Short Cut Keys in Tally.
   OR
   2) Explain the tabs in Ms-Excel.

Seat No.

P.G.D.C.A. (Semester - I) (CBCS) Examination Oct/Nov-2019
SOFTWARE ENGINEERING WITH 'C' PROGRAMMING

Day & Date: Wednesday, 20-11-2019   Max. Marks: 70
Time: 11:30 AM To 02:00 PM

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

Q.1 **Fill in the blanks by choosing correct alternatives given below.**   **14**

1) The Primary tools used in structural design is _____.
    a) Module   b) Structured Chart
    c) DFD   d) Program flowchart

2) SDLC stands for _____.
    a) System Development Life Cycle
    b) Set Development Life Cycle
    c) Software Development Life Cycle
    d) Socket Development Life Cycle

3) _____ is Elements of system.
    a) System   b) Data
    c) Process   d) All

4) DFD stands for _____.
    a) Day Flow Diagram   b) Data Flow Diagram
    c) Document Flow Diagram   d) Domain Flow Diagram

5) _____ is a good example Man Machine System.
    a) Forecasting System   b) Artificial System
    c) Philosophy System   d) None of these

6) _____ is Software engineering Model.
    a) Water fall Model   b) Data Model
    c) Testing Model   d) Relational Model

7) In C language basically consists the following parts.
    a) Preprocessor Commands   b) Logic
    c) Execute program   d) None of these

8) The C language was developed in the year _____.
    a) 1980   b) 1970
    c) 1960   d) 1965

9) Which of the following is Relational operator?
    a) &   b) <=
    c) || d) |

10) DMA stands for _____.
    a) Dynamic Memory Allocation   b) Data Memory Allocation
    c) Disk Memory Allocation   d) None of these

11) _____ symbol of Escape Sequence.
    a) \n   b) \d
    c) \g   d) \q

12) _____ is Fact Finding Technique.
    a) Interview   b) Character
    c) Requirement   d) Software

13) WBT stands for _____.
    a) Write Box Testing   b) White Box Testing
    c) Wrong Box Testing   d) Work Book Testing

14) _____ is a Reserve Word/ Keywords.
    a) break   b) null
    c) lable   d) sum

Q.2 Answer the following questions.   **14**
  1) Explain the control structure(if-else,loops).
  2) Write a C Program to check given no. divisible by 5

Q.3 Answer the following questions.   **14**
  1) Explain the Role of System Analyst.
  2) Explain down Data types in C-language with example.

Q.4 Answer any one of the following questions.   **14**
What is software engineer? Explain the characteristics of Good software.
<div align="center">**OR**</div>
Write down C program to check is Number is prime or Not.

Q.5 Answer any one of the following questions.   **14**
Explain the Case study of college Admission System & its attributes.
<div align="center">**OR**</div>
Write a C Program to Print the factorial of given number.

Seat No.	

P.G.D.C.A. (Semester - I) (CBCS) Examination Oct/Nov-2019
WEB PROGRAMMING WITH PHP

Day & Date: Thursday, 21-11-2019   Max. Marks: 70
Time: 11:30 AM To 02:00 PM

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

Q.1   Fill in the blanks by choosing correct alternatives given below.   14

1) A constant is an identifier for a simple value. The value cannot be changed during the script.
   a) True   b) False

2) A valid constant name starts with a letter or underscore.
   a) True   b) False

3) To create a constant, use the _____ function.
   a) Constant   b) Define
   c) Create   d) All of these

4) The basic assignment operator in PHP is _____.
   a) ==   b) +=*
   c) =   d) None of these

5) $x != y returns true if $x not equal to $y.
   a) True   b) False

6) If statement - executes some code if one condition is _____.
   a) True   b) Not True
   c) Both a and b   d) None of these

7) Switch statement - selects one of one blocks of code to be executed.
   a) True   b) False

8) The _____ loop will always execute the block of code once.
   a) do...while   b) For
   c) While   d) All of these

9) MySQL is a _____ system used on the web.
   a) Programming   b) Query
   c) Database   d) All of these

10) MySQL is Not free to use.
    a) True   b) False

11) The PHP superglobals _____ used to collect form-data.
    a) $_GET   b) $_POST
    c) Only a   d) a and b

12) GET method is visible to everyone.
    a) True   b) False

13) The HTML document itself begins with <html> and ends with _____.
    a) <Html>   b) <?Html>
    c) </html>   d) All of these

14) HTML headings are defined with the <h1> to _____ tags.
    a) <h6>   b) <h8>
    c) <h9>   d) <h10>

Q.2 A) Answer the following questions. (Any Four)   08
    1) What is PHP? Explain.
    2) What is HTML? Explain.
    3) Explain comment in PHP.
    4) Explain GET method in PHP.
    5) Explain POST method in PHP.

B) Answer the following questions. (Any Two)   06
    1) Write the Structure of HTML and Explain.
    2) Explain Arithmetic Operators in PHP with suitable example.
    3) Explain Increment and Decrement operator in PHP with suitable example.

Q.3 A) Answer the following questions. (Any Two)   08
    1) What is Function in PHP? Explain with suitable example.
    2) What is Array? Explain.
    3) Explain Sorting of array with suitable example.

B) Answer the following questions. (Any One)   06
    1) Write a PHP Script to find number is Prime or Not.
    2) Write a PHP Script to print Addition, Subtraction, Multiplication and Division of two numbers.

Q.4 A) Answer the following questions. (Any Two)   10
    1) Explain switch statement with suitable example.
    2) What is MySQL ? Explain.
    3) Explain For loop with suitable example.

B) Answer the following questions. (Any One)   04
    1) Explain Select Statement in MySQL with suitable example.
    2) Explain Update statement in MSQL with suitable example.

Q.5 Answer the following questions. (Any Two)   14
    1) What is Data type? Explain data types in PHP.
    2) Create a MYSQL table using following fields and write insert queries to insert any 06 dummy records.

Filed No	Field Name	Data type	Key	Width
1	Item Number	Integer	Auto Increment	
2	Item Name	Text		30
3	Quantity	Integer	Not Null	
4	Rate	Integer	Not Null	

    3) Explain IF and IF Else Statement with suitable example in PHP.

Seat No.	

P.G.D.C.A. (Semester - I) (CBCS) Examination Oct/Nov-2019
COMMUNICATION SKILLS

Day & Date: Friday, 22-11-2019   Max. Marks: 70
Time: 11:30 AM To 02:00 PM

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

Q.1 Fill in the blanks by choosing correct alternatives given below.   **14**

1) _____ refers to the physical barriers of the communication.
    a) nonsense   b) noise
    c) nowhere   d) nobody

2) Our dress code is an example of _____ communication.
    a) verbal   b) nonverbal
    c) written   d) spoken

3) Letter, e-mail, telephone etc. are _____ of communication.
    a) message   b) feedback
    c) channel   d) encoding

4) Message is any signal that triggers the response of a _____.
    a) receiver   b) driver
    c) sender   d) cleaner

5) Those who listen to a speaker are _____.
    a) audience   b) listeners
    c) addressees   d) all of them

6) The message may be misinterpreted because of _____.
    a) Barriers   b) Distortions
    c) Distractions   d) Noise

7) People cannot interact with each other without _____.
    a) Communication   b) Transport
    c) Voice   d) Loudspeaker

8) Communication is the process of _____.
    a) Creating shared understanding
    b) Speaking and listening
    c) Understanding the opponent ideas
    d) Making yourself clear

9) Communication is affected by _____ Context.
    a) Psychological   b) Environmental
    c) Cultural   d) All of them

10) The following is the permanent records for business?
    a) Business letters   b) Ledgers
    c) Production reports   d) All of the above

11) Body of a letter is divided into _____ parts.
    a) 1   b) 2
    c) 3   d) 4

12) The word communication is derived from Communis (Latin) which means _____.
   a) Oral Speech
   b) Common
   c) Message
   d) Community

13) _____ context refers to the similarity of backgrounds between the sender and the receiver.
   a) physical
   b) social
   c) chronological
   d) cultural

14) Communication is the task of imparting _____.
   a) Training
   b) Information
   c) Knowledge
   d) Message

Q.2 A) Answer the following questions.　　　　　　　　　　**14**
   1) Explain the five C's of communication.
   2) Explain the mechanism of Writing Skills?
   3) Social Media
   4) Grapevine Communication
   5) What do you mean by Internet?
   6) Non-verbal communication
   7) Causes of brain drain in communication
   8) The 'You' attitude

Q.3 A) Write notes. (Any Two)　　　　　　　　　　　　**10**
   1) What is Verbal Communication? And how they are used for communication?
   2) Explain how you can follow the principles of courtesy for effective communication?
   3) Distinguish between upward & downward communication.

B) Effective communication and attributes of effective communication?　**04**

Q.4 Attempt any two of the following questions.　　　　　**14**
   a) Write a note on the importance of listening?
   b) Draft the Notices, Agenda of Annual General Meeting of Reliance industries.
   c) What are the factors to be considered while writing a Report?

Q.5 Attempt any two of the following questions.　　　　　**14**
   a) What are the types of communication?
   b) What do you understand by group discussion? Explain the process and guidelines for effective group discussion.
   c) What is Business Communication? State the importance of Communication in Modern Business.

Seat No.

P.G.D.C.A. (Semester – II) (CBCS) Examination Oct/Nov-2019
DBMS AND RDBMS USING ORACLE

Day & Date: Monday, 18-11-2019   Max. Marks: 70
Time: 03:00 PM To 05:30 PM

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

Q.1   Fill in the blanks by choosing the correct alternatives given below: 14

1)   SQL Stands for _____.
   a) Simple Query Language   b) Structure Query Language
   c) Structured Query List   d) None of these

2)   _____ is DML command.
   a) GRANT   b) SELECT
   c) APPEND   d) UPDATE

3)   Row of the relation are referred to as _____.
   a) Attribute   b) Tuple
   c) Class   d) Object

4)   The Data of data is called _____.
   a) Data   b) Metadata
   c) Information   d) None of these

5)   Duplicate data is referred to as _____.
   a) Accurate Data   b) Redundant Date
   c) Stored Data   d) None of these

6)   Special type of command is called _____.
   a) Query   b) Object
   c) Database Authority   d) None of these

7)   Which of the following is not a valid relational database?
   a) SYBASE   b) Oracle
   c) Foxpro   d) UNIFY

8)   A number of related records that are treated as a unit is called _____.
   a) File   b) Field
   c) Data   d) Batch

9)   A field used to access a specific record is called _____.
   a) Key   b) Attribute
   c) Domain   d) None of these

10) _____ is building block of database.
   a) Function   b) File
   c) Record   d) attribute

11) Large collection of file are called _____.
   a) Field   b) Record
   c) Database   d) File System

12) Arrange some known order is called _____.
a) Sort
b) File
c) Index
d) Ascending

13) Which of the following is the correct order of keywords for SQL SELECT Statement?
a) SELECT,FROM,WHERE
b) FROM,WHERE,SELECT
c) WHERE,FROM,SELECT
d) SELECT,WHERE,FROM

14) The SQL keyword (s) _____ is used with wildcards.
a) LIKE Only
b) IN Only
c) NOT IN only
d) IN and NOT IN

Q.2 A) Answer the following questions. (Any Four) 08
1) Define Oracle.
2) What is Query?
3) What is Database?
4) What is Information?
5) What is Trigger?

B) Write Notes. (Any Two) 06
1) Concept of DBMS
2) Role of DBA
3) Sub Queries

Q.3 A) Answer the following questions. (Any Two) 08
1) Write down difference between SQL and PL/SQL.
2) Write down Features of RDBMS.
3) Write down DML and DDL commands.

B) Answer the following questions. (Any One) 06
1) Explain the Historical Development of Oracle.
2) Write down Codd's Rule.

Q.4 A) Answer the following questions. (Any Two) 10
1) What is Cursur? Explain the Types of cursur.
2) Write down data types of SQL with example.
3) Create student table roll_no, Stud_id, Stud_name, Gender, Stud_state. Write down Query using above attributes.

B) Answer the following questions. (Any One) 04
1) Write down PL/SQL Functions.
2) Write down operator of SQL.

Q.5 Answer the following questions. (Any Two) 14
1) Write a PL/SQL code to find the factorial a number.
2) Explain FOR loop, WHILE loop in PL/SQL with suitable example.
3) Explain the Advantage and disadvantage of DBMS.

Seat No.	

P.G.D.C.A. (Semester – II) (CBCS) Examination Oct/Nov-2019
ASP.NET USING C #

Day & Date: Tuesday, 19-11-2019   Max. Marks: 70
Time: 03:00 PM To 05:30 PM

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

Q.1   Fill in the blanks by choosing the correct alternatives given below: 14

1)   Which file contains setting for all .NET application type, such as windows, Console, Classlibrary & Web Application?
   a)   web.Config   b)   Machine.config
   c)   Global.asax   d)   all of the above

2)   What is the file extension of web server in ASP.NET?
   a)   .ascx   b)   .asmx
   c)   .aspx   d)   .docx

3)   Which protocol is used for requesting a webpage in ASP.NET form the web Server?
   a)   HTTP   b)   TCP
   c)   SMPT   d)   None of the above

4)   _____ is the first method that is fires during the page load.
   a)   Prerender()   b)   Load()
   c)   Unload()   d)   Init()

5)   What is true about Master page?
   a)   You can add more than one master page in a website
   b)   Master page can be nested
   c)   both a & b
   d)   None of the above

6)   What is Query?
   a)   Query is an open source library
   b)   It worked client side
   c)   Both a & b
   d)   None of these

7)   Which Control is required for every page that have AJAX extension for ASP.NET?
   a)   UpdataPanel   b)   ScriptManager
   c)   ControlPanel   d)   None of these

8)   Which ADO.NET class provide connected environment?
   a)   DataReader   b)   DataSet
   c)   Command   d)   None of these

9)   How many types of authentication ASP.NET supports?
   a)   Windows Authentication   b)   .NET Passport Authentiction
   c)   Form Authentication   d)   All of the above

10) Which of the following is the correct value of a Boolean Type?
   a) 0
   b) 1
   c) True
   d) False

11) _____ OOP language is developed.
   a) Microsoft
   b) IBM
   c) Oracle
   d) Windows

12) CLI stands for _____.
   a) Common Language Infrastructure
   b) Common Language Income
   c) Common Language Integer
   d) None of these

13) _____ C# Keywords.
   a) else
   b) togo
   c) safe
   d) Bit

14) ASP stands for _____.
   a) Active Server Page
   b) Action Server Page
   c) Access Server Page
   d) Assume Server Page

Q.2 A) Answer the following questions. (Any Four)   **08**
   1) Define looping?
   2) What is Server?
   3) Define cookies?
   4) What is Information?
   5) What is CLR?

B) Write notes. (Any Two)   **06**
   1) Data types in C#
   2) HTML Control
   3) Arrays

Q.3 A) Answer the following questions. (Any Two)   **08**
   1) What is the web form? Explain steps for creating web page.
   2) Write different control statements in c# with example.
   3) Write down advantages of ADO.NET.

B) Answer the following questions. (Any One)   **06**
   1) Explain the Features of ASP.NET.
   2) Explain the features of C#.

Q.4 A) Answer the following questions. (Any Two)   **10**
   1) Write down list of C# Keyword.
   2) Explain the component of ASP.NET.
   3) Explain the OOP Concepts.

B) Answer the following questions. (Any One)   **04**
   1) Explain the advantages of ASP.NET.
   2) Explain Common Language Runtime.

Q.5 Answer the following questions. (Any Two)   **14**
   a) What is Operator? Explain types of Operator in C#.
   b) Write a C# program code for to check the given no is Even & Odd.
   c) What is Master Page? Explain the Nested Master Page and CSS.

Seat No.

P.G.D.C.A. (Semester – II) (CBCS) Examination Oct/Nov-2019
JAVA PROGRAMMING

Day & Date: Wednesday, 20-11-2019   Max. Marks: 70
Time: 03:00 PM To 05:30 PM

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

Q.1 Fill in the blanks by choosing the correct alternatives given below: **14**

1) What is the range of short data type in Java?
   a) -128 to 127   b) -32768 to 32767
   c) -2147483648 to 2147483647   d) None of the mentioned

2) What is the range of byte data type in Java?
   a) -128 to 127   b) -32768 to 32767
   c) -2147483648 to 2147483647   d) None of the mentioned

3) Which of these values can a boolean variable contain?
   a) True & False   b) 0 & 1
   c) Any integer value   d) True

4) Which one is a valid declaration of a boolean?
   a) boolean b1 = 1;   b) boolean b2 = 'false';
   c) boolean b3 = false;   d) boolean b4 = 'true'

5) Modulus operator, %, can be applied to which of these?
   a) Integers
   b) Floating - point numbers
   c) Both Integers and floating - point numbers
   d) None of the mentioned

6) Decrement operator, _____, decreases the value of variable by what number?
   a) 1   b) 2
   c) 3   d) 4

7) Which of these have highest precedence?
   a) ()   b) ++
   c) *   d) >>

8) What is the value stored in x in following lines of code?
```
int x, y, z;
x = 0;
y = 1;
x = y = z = 8;
```
   a) 0   b) 1
   c) 9   d) 8

9) Which of these selection statements test only for equality?
   a) if   b) switch
   c) if & switch   d) none of the mentioned

10) Which of these are selection statements in Java?
   a) if()   b) for()
   c) continue   d) break

11) Which of the following is not OOPS concept in Java?
    a) Inheritance   b) Encapsulation
    c) Polymorphism   d) Compilation

12) When does method overloading is determined?
    a) At run time   b) At compile time
    c) At coding time   d) At execution time

13) Which concept of Java is achieved by combining methods and attribute into a class?
    a) Encapsulation   b) Inheritance
    c) Polymorphism   d) Abstraction

14) Which of these keywords is used to make a class?
    a) class   b) struct
    c) int   d) none of the mentioned

Q.2 A) Answer the following questions. (Any Four)   **08**
    1) What is java?
    2) What is Data Type in Java?
    3) Write Arithmetic Operator in java.
    4) What is Object and Class?
    5) What is JVM in java?

B) Write Notes. (Any Two)   **06**
    1) What is variable? Explain with suitable example.
    2) Explain If statement with suitable example.
    3) Write a note on Try Catch Finally Block.

Q.3 A) Answer the following questions. (Any Two)   **08**
    1) Explain looping statement with suitable example.
    2) Explain Switch Statement with suitable example.
    3) What is Public and Private in java? Explain.

B) Answer the following questions. (Any One)   **06**
    1) Write the features of java.
    2) What is Exception in java? Explain.

Q.4 A) Answer the following questions. (Any Two)   **10**
    1) Explain thread life cycle? With suitable diagram.
    2) What is AWT? Explain event handling.
    3) Explain Applet life Cycle with suitable diagram.

B) Answer the following questions. (Any One)   **04**
    1) Write a note on JDBC.
    2) Write a note on Input Streams.

Q.5 Answer the following questions. (Any Two)   **14**
  1) Write a program to store any 10 values in one dimensional array and print in reverse order.
  2) Write a program to print the following pattern.
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```
  3) What is an array? Explain types of array in Java with suitable example.