Total No. of Printed Pages:3

SUBJECT CODE NO: B-2040
FACULTY OF SCIENCE
B.Sc. F.Y (Sem-II) Examination March/April 2018
Computer Science Paper-IV CS04
Operating System-I

[Time: 1:30 Hours] **[Max.Marks: 50]**

Please check whether you have got the right question paper.

N.B
i. Attempt all questions
ii. Illustrate your answer with suitable labeled diagram

Q.1 Fill in the blanks 10

1) _____ files consists of lines of text
   a) Ascii
   b) Text
   c) Binary
   d) .exe

2) The number of process that are completed per unit time is called the_____
   a) Read
   b) Through put
   c) Exit
   d) None of theses

3) Following is not a input device.
   a) Keyboard
   b) Mouse
   c) Touch screen
   d) Printer

4) _____ is called mediator of hardware and application program
   a) Operating system
   b) Application program
   c) Memory
   d) None of these

5) _____ is allocated to each job as contiguous block called pension
   a) Memory
   b) Cache
   c) Rom
   d) None of these

6) A process is waiting for an I/O operation to complete or is waiting for an event to occur is called_____
   a) Read
   b) Running
   c) Blocked
   d) Exit

7) The address generated by CPU is called_____
   a) Physical address
   b) Logical address
   c) Both a & b
   d) None of these

8) _____ is technique that allow the execution of process that may not be complete in memory
   a) Virtual memory
   b) Cache memory
   c) Dynamic memory
   d) ROM

9) _____ is a collection of record.
   a) RAM
   b) File
   c) ROM
   d) Database

10) Following is not a operating system.
   a) Android
   b) MS-DOS
   c) Window
   d) Pen drive

Q.2	a)	Explain file and file operation	05
	b)	Explain network operating system	05
		OR	
		Explain logical vs physical address space	10
Q.3	a)	Explain the structure of operating system	05
	b)	Explain segmentation	05
		OR	
		Explain different types of operating system	10

Q.4 a) Explain CPU scheduling 05

b) Explain characteristics of modern operating system. 05

OR

Explain the classification of software 10

Q.5 Write a short notes on : (<u>any two</u>) 10

a) I/O devices
b) Semaphores
c) Segmentation
d) Deadlock modeling

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SUBJECT CODE NO: B-2041
FACULTY OF SCIENCE
B.Sc. F.Y (Sem-II) Examination March/April 2018
Computer Science Paper-V CS05
Programming in C

[Time: 1:30 Hours] **[Max.Marks:50]**

Please check whether you have got the right question paper.

N.B
i. All questions carry equal marks
ii. All questions are compulsory

Q.1 Fill in the blanks 10

1) Father of C is _____
   a) James Richie
   b) Dennis Ritchie
   c) Martin Richard
   d) Charles Babbage

2) _____ is derived data type in C
   a) array
   b) int
   c) char
   d) float

3) Which of the following is not valid variable name
   a) int_a3;
   b) int_3a;
   c) int 3_a;
   d) int a_3;

4) The format identifier %f is used for _____ data types
   a) int
   b) float
   c) char
   d) None of these

5) Conditional operator required _____ operands
   a) Three
   b) Two
   c) One
   d) Zero

6) Result of logical or relational expression in C is_____
   a) True or false
   b) 0 or 1
   c) Depends on compiler
   d) Both a & b

7) An array elements are stored in _____ memory locations.
   a) Random
   b) Sequential
   c) Both a & b
   d) None of these

8) Parameters used in function definition are called_____
   a) Actual
   b) Formal
   c) Normal
   d) Both a & b

9) Default parameter passing mechanism is_____
   a) Call by value
   b) Call by reference
   c) Call buy result
   d) Call by name

10) C programs are converted into machine language with the help of _____
   a) An editor
   b) Compiler
   c) Linker
   d) An operating system

Q.2 a) Explain keywords in C 05

b) Explain relational operator with example 05

OR

a) Explain structure of C program with example 10

Q.3 a) With suitable example explain nested if statement 05

b) Explain for loop 05

OR

a) Explain switch-case statements with suitable program 10

Q.4 a) Explain memory representation of array 05

b) Explain recursion with example 05

OR

a) Write a program in C to search given element from array 10

Q.5 Write short notes on (<u>any two</u>) 10

a) Call by value
b) Condition operator
c) Formatted output
d) Precedence & associativity of operators.

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SUBJECT CODE NO: B-2177
FACULTY OF SCIENCE
B.Sc. F.Y (Sem-I) Examination March/April 2018
Computer Science Paper-II CS02
Digital Electronics

[Time: 1:30 Hours] **[Max.Marks:50]**

Please check whether you have got the right question paper.

N.B
1) Attempt all questions.
2) Illustrate your answer with suitable labelled diagram.

Q.1 Multiple choice questions. 10

1) How many unique symbols are used in the decimal number system?
   a. One
   b. Nine
   c. Ten
   d. Unlimited

2) What is the radix of octal number system?
   a. 8
   b. 7
   c. 9
   d. 10

3) NOT gate is having how many input.
   a. One or more
   b. Two or more
   c. Zero or more
   d. One

4) A half adder circuit has two inputs and_____.
   a. One output
   b. Two output
   c. Three output
   d. None of these

5) The output of SUM is equal to output of _____.
   a. OR gate
   b. AND gate
   c. X – OR gate
   d. X – NOR gate

6) Flip flops are also called _____.
   a. Bi – stable dual vibrators
   b. Bi – stable transformer.
   c. Bi – stable multivibrators
   d. Bi – stable single vibrators

7) The decimal "17" in BCD will be represented as_____.
   a) 11101
   b) 11011
   c) 10111
   d) 11110

8) 5 – bit Johnson counter sequences through _____ states.
   a) 7
   b) 10
   c) 32
   d) 25

9) Sum term (max term) is implemented using _____ gates.
   a) OR
   b) AND
   c) NOT
   d) OR – AND

10) A BCD counter is a _____.
   a) Binary counter
   b) Full modulus counter
   c) Decode counter
   d) Divide by 10 counter.

Q.2 a) Explain the reduction by K – map method. 05
b) State and prove complementation laws of Boolean algebra. 05

OR

a) Explain with the help of truth table, the working of basic logic gates. 10

Q.3 a) Convert the following logic function into min terms. $\overline{A}\,\overline{B}\,\overline{C}\,\overline{D} + \overline{A}\,B\,\overline{C}\,D + ABCD + A\,\overline{B}\,C\,\overline{D}$. 05
b) Explain with block diagram of master slave flip – flop. 05

OR

a) Explain how a BCD counter work with the help of truth table and logic diagram. 10

Q.4 a) Describe the working of D flip – flop. 05

b) Explain the working of a synchronous parallel counter. 05

OR

a) Draw a logic diagram for Johnson counter of mod – 4. Also write working of Johnson counter. 10

Q.5 Write short notes on (Any two) 10

a) Full Subtractor

b) K – map for 4 variables

c) Ex – NOR logic gate

Total No. of Printed Pages:3

SUBJECT CODE NO: B-2176
FACULTY OF SCIENCE
B.Sc. F.Y (Sem-I) Examination March/April 2018
Computer Science Paper-I CS01
Computer Fundamentals

[Time: 1:30 Hours] **[Max.Marks:50]**

Please check whether you have got the right question paper.

N.B
i. Attempt all questions.
ii. Illustrate your answer with suitable labelled diagram.

Q.1 Fill in the blanks. 10

1) _____ is a primary storage.
   a) Google drive
   b) Pen drive
   c) RAM
   d) HD

2) A _____ diagram that describe a process of operation.
   a) Algorithm
   b) Flowchart
   c) Picture
   d) None of these

3) CD ROM means _____.
   a) Complete Data Read Only Memory.
   b) Compact Disk Read Only Memory
   c) Complex Disk Ram
   d) None of these

4) The first large electronic computer was completed in 1946 by a team led by Eckert & mauchly at university _____.
   a) Mumbai
   b) Delhi
   c) Pennsylvania
   d) Aurangabad

5) The fourth generation may be identified by the advent of the _____CWP.
   a) Microprocessor
   b) Vacuum tube
   c) Transistor
   d) None of these.

6) ROM is _____ memory.
   a) Volatile
   b) Non volatile
   c) Cache
   d) Flash

7) Super computer should have large main memory of around.
   a) $1GB$
   b) $32GB$
   c) $64\ GB$
   d) 8GB

8) A unique identification of location in memory is called _____.
   a) Access time
   b) Address
   c) ADI
   d) None of these

9) ROM is _____.
   a) Read Only Memory
   b) Read Access Memory
   c) Read Unit Memory
   d) None of these

10) A group of 8 bits is called _____.
   a) A byte
   b) Word
   c) Double word
   d) None of these

Q.2 a) Explain use of different flowchart symbols. 05
b) Explain ROM and EPROM, EEPROM. 05

OR

a) State and explain characteristics of computer. 10

Q.3 a) Explain any one secondary storage device of computer. 05
b) Explain plotters as a output device. 05

OR

a) Explain in detail memory cell and its organization. 10

Q.4 a) Explain Hard disk. 05

b) Explain Laser printer. 05

OR

a) Explain any two types of operating system. 10

Q.5 Write a short note of any two. 10

a) Network operating system
b) DMP
c) Scanner
d) ROM

Total No. of Printed Pages:3

SUBJECT CODE NO:- B-2046
FACULTY OF SCIENCE
B.Sc. S.Y (Sem-IV) Examination March/April 2018
Computer Science CS011
Programming in C++

[Time:1:30 Hours] **[Max.Marks:50]**

Please check whether you have got the right question paper.

N.B Attempt all questions.

Q.1 a) What is C++? What are the advantages of C++, explain in detail. 10
b) What is function prototyping? Explain with suitable example. 10

OR

a) Write a program in C++ to demonstrate how a common friend function can be used to exchange the private values of two classes. 10
b) What is constructor? Explain characteristics of a constructors. 10

Q.2 a) Describe the syntax of an operator function. Explain difference between operator function as member function and friend function. 10
b) Explain call by value and call by reference with one example each. 10

OR

Write short notes on any four of the following (each carry 5 marks) 20

a) Insertion operator (<<) and extraction operator (>>)
b) Inline function
c) Data abstraction and Data encapsulation.
d) Destructor
e) Type conversions
f) Arrays within class

Q.3 Select the correct alternative and write the following 10

1) _____ of the following cannot be passed to a function ?
(a) reference variable
(b) arrays
(c) class object
(d) header files

2) Programming in C++ using classes is called _____ programming.
(a) Procedure oriented
(b) Event driven
(c) Object oriented
(d) database

3) In C++ _____ operator is used for Dynamic memory allocation
   (a) Scope resolution
   (b) Conditional
   (c) new
   (d) membership access

4) Operators such as _____ cannot be overloaded
   (a) +
   (b) ++
   (c) ?:
   (d) = =

5) Operator function as a member function will have only one argument for _____ operators.
   (a) unary
   (b) binary
   (c) size of
   (d) none of these

6) _____ is not a type of constructor.
   (a) Copy constructor
   (b) Friend constructor
   (c) Default constructor
   (d) Parameterized constructor

7) _____ is not a member of class.
   (a) Friend function
   (b) Static function
   (c) Const function
   (d) Virtual function

8) _____ means wrapping up of data and functions together.
   (a) Polymorphism
   (b) abstraction
   (c) Encapsulation
   (d) Inheritance

9) A destructor is invoked implicitly by the compiler upon _____ the program.
   (a) entry in
   (b) exit from
   (c) mid point of
   (d) None of these

10) The ability to take more than one form is called _____ in object oriented programming.
   (a) Inheritance
   (b) Encapsulation
   (c) Polymorphism
   (d) Data abstraction.

Total No. of Printed Pages:2

SUBJECT CODE NO:- B-2047
FACULTY OF SCIENCE
B.Sc. S.Y (Sem-IV) Examination March/April 2018
Computer Science CS012
Database Management and System Using SQL

[Time: 1:30 Hours] **[Max.Marks: 50]**

Please check whether you have got the right question paper.

N.B Attempt all questions.

Q.1 a) Define data and Write the advantages and disadvantages of DBMS 10

b) Explain in detail the abstraction and data integration. 10

OR

a) What is normalization ? Explain First, Second and third normal form with an example. 10

b) What do you mean by cardinality? How it represent mapping cardinality ? 10

Q.2 a) Define the following operations of the relational algebra in terms of the basic operations 10

(i) Union
(ii) Intersection
(iii) Join
(iv) Division

b) What do you mean by SQL? Write the versions of oracle. 10

OR

Write short notes on (any four) 20

(a) Functional dependency
(b) Database schema
(c) Entity set
(d) Components of DBMS.
(e) DBMS Users
(f) SQL plus worksheet

Q.3 Multiple choice questions. 10

1. A table joined with itself is called _____
   (a) Join
   (b) Self-Join
   (c) Outer Join
   (d) Equi Join

2. In relational model, cardinality is termed as _____
   (a) number of tuples
   (b) number of attributes
   (c) number of tables
   (d) number of constrains

2018

3. DML is provided for _____.
   (a) Description of logical structure of database.
   (b) Addition of new structure in database.
   (c) Manipulation and processing of database
   (d) Define physical structure.

4. In relational model relations are termed as _____.
   (a) Tuples
   (b) Attributes
   (c) Tables
   (d) rows

5. The database schema is written in _____
   (a) HLL
   (b) DML
   (c) DDL
   (d) TCL

6. In E-R diagram attributes are represented by _____.
   (a) rectangle
   (b) square
   (c) ellipse
   (d) triangle

7. The statement in SQL for change the definition of table is _____
   (a) Alter
   (b) Update
   (c) Create
   (d) Select

8. _____ key used for unique record in table.
   (a) Primary
   (b) Secondary
   (c) Foreign
   (d) None of above

9. _____ produces the relation that has attribute R_1-R_2
   (a) Cartesian product
   (b) Difference
   (c) Intersection
   (d) Product

10. DBMS helps to achieve _____.
   (a) Data independence
   (b) Centralize control of data
   (c) Both a & b
   (d) none of above.

Total No. of Printed Pages:03

SUBJECT CODE NO:- B-2182
FACULTY OF SCIENCE
B.Sc. S.Y (Sem-III) Examination March/April 2018
Computer Science Code - CS07
Advance C Programming

[Time: 1:30 Hours] **[Max. Marks: 50]**

Please check whether you have got the right question paper.

N.B 1) Attempt all questions.

Q.1 a) Differentiate between structure and union. 10

b) What is function? Explain different types of function with an example. 10

OR

a) Explain the following functions with example. 10

i. random ( )
ii. abs ( )
iii. atof
iv. atoi
v. exit ( )

b) What is preprocessor? Explain file inclusion and conditional compiler directives. 10

Q.2 a) Give the syntax for closing file. Explain different operations that can be performed on a file. 10

b) Write a program in C to delete a record from a binary file. 10

OR

Write short notes on (<u>any four</u>) 20

a) Pointer to pointer
b) Typedef of statement
c) # define directive
d) Storage classes
e) Union
f) Call by value

Q.3 Multiple Choice Questions. 10

1) Any C program ----------
   a) Must contain at least one function.
   b) Need not contain any function.
   c) Needs input data
   d) None of the above

2) ---------- Function is more appropriate for reading in a multi-word string.
   a) printf( );
   b) scanf( );
   c) gets( );
   d) puts( );

3) Prior to using a pointer variable ----------
   a) It should be declared
   b) It should be initialized
   c) It should be both declared & initialized.
   d) None of the above

4) The statement int **a;
   a) Is illegal
   b) Is legal but meaningless
   c) Is syntactically & semantically correct
   d) None of the above

5) Which of the following operators can be applied to pointer variable (s) ?
   a) Division
   b) Multiplication
   c) Casting
   d) None of above

6) String that is formal parameter can be declared ----------
   a) An array with empty bracket.
   b) A pointer to integer
   c) A pointer to a real
   d) None of the above

7) The contents of file will be lost if it is opened in ----------
   a) a mode
   b) m mode
   c) w+ mode
   d) a + mode

8) C preprocessor----------
   a) Take care of conditional compilation
   b) Take care of macros.
   c) Takes care of include files.
   d) All of the above

9) The use of macro in the place of functions----------
   a) Reduces execution time.
   b) Reduces code size
   c) Increases execution time
   d) Increases code size

10) Calloc (m,n); Ps equivalent to ----------
   a) malloc (m∗n,o);
   b) Memset (O, m∗ n);
   c) Ptr = malloc (m ∗ n); memset (P ,O, m∗ n);
   d) Ptr = malloc (m ∗ n) ; strcpy (P, U) ;

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SUBJECT CODE NO:- B-2183
FACULTY OF SCIENCE
B.Sc. S.Y (Sem-III) Examination March/April 2018
Computer Science Code - CS08
Data Structures

[Time: 1:30 Hours] **[Max. Marks: 50]**

Please check whether you have got the right question paper.

N.B 1) Attempt all questions.
2) Illustrate your answer with suitable labeled algorithm

Q.1 a) What is an algorithm? Write an algorithm to implement linear search. 10
b) Explain the different types of data structures with suitable examples. 10

OR

a) Explain the array representation of stack? 10
b) What is queue? How it can be represented in computer memory. 10

Q.2 a) What is linked list? Explain the insertion and deletion of linked list. 10
b) Explain the application of stacks. 10

OR

Write short note on <u>any four</u> of the following. (Each carry 05 marks) 20

a) Array Traversing
b) PUSH & POP operations
c) Recursion
d) 2 Dimensional Array
e) Dequeue
f) Binary search

Q.3 Multiple Choice Questions: 10

1) Before inserting into stack one must check the condition ----------
   a) Overflow
   b) Underflow
   c) Null
   d) None of above

2) Finding the location of the element with a given value is ----------
   a) Traversal
   b) Search
   c) Sort
   d) None of above

3) The another name of dequeue is ----------
   a) Distributed queue
   b) Divided queue
   c) Double ended queue
   d) Design queue

4) The operation of processing each element in the list is known as ----------
   a) Sorting
   b) Merging
   c) Inserting
   d) Traversal

5) The complexity or bubble sort algorithm is
   a) $O(n)$
   b) $O(log\ n)$
   c) $O(n^2)$
   d) $O\ (n\ log\ n)$

6) Which of the following data structure is linear type?
   a) Array
   b) Tree
   c) Graphs
   d) Hierarchy

7) The term PUSH and POP is related to the ----------
   a) Array
   b) Lists
   c) Stacks
   d) All of above

8) Which of the following name does not relate to stacks?
   a) FIFO lists
   b) LIFO List
   c) Piles
   d) Push-Down list

9) The situation when in a linked list START=NULL is ----------
   a) Underflow
   b) Overflow
   c) Housefull
   d) Saturated

10) Which of the following data structure can't store the non-homogeneous data elements?
   a) Arrays
   b) Records
   c) Pointers
   d) None

Total No. of Printed Pages:2

SUBJECT CODE NO:- B-2165
FACULTY OF SCIENCE
B.Sc. T.Y (Sem-V) Examination March/April 2018
Computer Science Paper CS 015
Software Engineering

[Time: 1:30 Hours] **[Max.Marks: 50]**

Please check whether you have got the right question paper.

N.B 1. All questions are compulsory.
2. All questions carry equal marks.

Q.1 a) Define software? Explain characteristics of software in detail? 10
b) Differentiate between product and process. 10

OR

a) Explain software myths in detail? 10
b) Explain modeling principles used in software development? 10

Q.2 a) What is an agile process? Enlist agility principles? 10
b) Explain phases of unified process? 10

OR

Write short notes on: (any four) 20
a) Planning principles
b) Personal software process (PSP)
c) Industrial XP
d) Web app attributes
e) Construction principles
f) Software engineering

Q.3 Multiple choice questions: 10

1) The foundation for software engineering is the ---------- layer.
   a) Hardware
   b) Process
   c) Product
   d) Problem statement

2) SDLC stands for ----------.
   a) System development life cycle
   b) Software development life cycle
   c) Hardware development life cycle
   d) Simple development life cycle

3) The spiral model was originally proposed by ----------.
   a) Dijkstra
   b) Bajarne stroustrup
   c) Barry Bohem
   d) Barry Richards

4) ---------- is a layered technology.
   a) Hardware
   b) Software engineering
   c) System engineering
   d) Manufacturing

5) ---------- is collection of activities, actions and tasks that are performed when some work product is to be created.
   a) Product
   b) Process
   c) People
   d) Personal software

6) --------- is data structure that enables the program to adequately manipulate information.
   a) System
   b) Synchronization
   c) Software
   d) Requirement Analysis

7) Agile software development is based on ---------- development.
   a) Incremental
   b) Prototype
   c) Stepwise
   d) Complex

8) Software is ---------- that, when executed provide desired features, functions and performance.
   a) Element
   b) Set of programs
   c) Set of instructions
   d) RISC

9) ---------- model combines elements of linear and parallel process flows.
   a) Random
   b) Linear
   c) Layered
   d) Incremental

10) Software is developed or engineered; it is not ---------- in the classical sense.
   a) Hardware
   b) Element
   c) Manufactured
   d) System

Total No. of Printed Pages:2

SUBJECT CODE NO:- B-2166
FACULTY OF SCIENCE
B.Sc. T.Y (Sem-V) Examination March/April 2018
Computer Science Paper- CS- 016
Web Designing

[Time: 1:30 Hours] **[Max.Marks:50]**

Please check whether you have got the right question paper.

N.B 1) All questions are compulsory.
2) Figure to the right indicates full marks.

Q.1 a) What is Cascading Style Sheet? Explain its any two properties? 10
b) What is inline & external Java script? Explain with example. 10
OR
c) How to use object in Java script? Explain ? 10
d) Describe the embedded & external style sheet? 10

Q.2 a) What are the types of arrays in Java script? 10
b) How the Regular & Irregular tables can be created ? Explain with examples? 10
OR
c) Write a Short Notes on (Any four) 20
(a) HTML5
(b) element
(c) Javascript operator
(d) Semantic Markup
(e) CSS3

Q.3 Multiple Choice questions 10

1. To maintain Separation between structure & presented use _____ style sheets
(a) External
(b) Internal
(c) both a & b
(d) None

2. Calculating the specificity of a selector is based on _____ levels of magnitude.
(a) One
(b) Two
(c) Three
(d) Four

3. In CSS, black color is given by _____ hex value
   (a) #000011
   (b) #00011
   (c) #00000
   (d) None

4. _____ array is created by using new keyword
   (a) Condensed
   (b) Literal
   (c) One-dimensional array
   (d) None

5. _____ Tag is used to table column.
   (a) <co1>
   (b) <co>
   (c) <code>
   (d) None

6. Which technology is HTML5 preceded by and derived from?
   (a) HTML 4.01
   (b) XHTML 1.0
   (c) SGML
   (d) XML

7. _____Tag is used to add an image.
   (a) <img>
   (b) <embed>
   (c) <object>
   (d) None

8. Variable declaration in Java Script using _____ data type
   (a) int
   (b) float
   (c) var
   (d) None

9. DOM stands for _____
   (a) Document object Model
   (b) Domain object model
   (c) Both a & b
   (d) None

10. XHTML stands for _____
   (a) Extended Hypertext Markup language
   (b) XP hypertext markup language
   (c) Both a & b
   (d) None

OR

Total No. of Printed Pages:3

SUBJECT CODE NO:- B-2166
FACULTY OF SCIENCE
B.Sc. T.Y (Sem-V) Examination March/April 2018
Computer Science Paper- CS- 016
VB .Net

[Time: 1:30 Hours] **[Max.Marks:50]**

Please check whether you have got the right question paper.

N.B i) Attempt all questions.
ii) Illustrate your answer with suitable labeled diagram.

Q.1 a) Explain MDI in detail. 10
b) Define method, event and properties with suitable examples. 10

OR

c) Describe the components of visual basic IDE 10
d) What is mean by event driven? Explain Mouse events. 10

Q.2 a) Explain structures & modules with suitable examples 10
b) Explain properties and events of picture box with examples 10

OR

Write short note on (Any four) 20
a) CLR
b) For… Loop
c) Pickers
d) Logical Operators
e) solution Explorer
f) Class

Q.3 Multiple Choice questions 10

1) The properties window is divided into _____ column
(a) One
(b) two
(c) three
(d) Four

2) _____ is one of the data type of VB.net
   (a) Float
   (b) Variant
   (c) Byte
   (d) None

3) Visual Basic .Net Supports structured exception handling
   (a) True
   (b) False

4) VB.net identifier are case sensitive
   (a) True
   (b) False

5) RTF means_____
   (a) Rich Transform
   (b) Rich Tech Format
   (c) Rich Text Format
   (d) Rick top format

6) _____ words reserved for visual Basic
   (a) Keywords
   (b) float
   (c) int
   (d) None

7) The properties window is divided into _____ columns
   (a) One
   (b) Two
   (c) Three
   (d) Four

8) _____ is mouse event
   (a) Mouse-up
   (b) Key-down
   (c) Key-up
   (d) None

9) _____Represents the objects built in procedure.
   (a) Event
   (b) Method
   (c) Properties
   (d) None

10) _____performs string pattern matching.
   (a) < >
   (b) Like
   (c) AND
   (d) OR