

Exam Date : 12/09/2023

Time : 03:00 PM - 05:30 PM

Subject Name : Computer Science

Subject Code : 226

Subject Question**Question 1**

Consider two binary numbers A = 110001 and B = 001100. What is the result of (A AND B) OR (NOT A AND NOT B)?

Answer :

- (A) 000000
- (B) 110001
- (C) 001100
- (D) 111101

Question Id : 1

Option Id

- 1001
- 1002
- 1003
- 1004

Right Answer :

000000

Right Option Id : 1001**Question 2**

Which of the following is a self-complementing binary code, where adjacent codes differ in only one bit position?

Answer :

- (A) BCD
- (B) ASCII
- (C) Gray Code
- (D) EBCDIC

Question Id : 55

Option Id

- 55001
- 55002
- 55003
- 55004

Right Answer :

Gray Code

Right Option Id : 55003**Question 3**

How many bits are used to represent a single decimal digit in Gray Code?

Answer :

- (A) 4 bits
- (B) 8 bits
- (C) 16 bits
- (D) 10 bits

Question Id : 54

Option Id

- 54001
- 54002
- 54003
- 54004

Right Answer :

4 bits

Right Option Id : 54001**Question 4**

What is the minimized expression for the Boolean function $F(A, B, C, D) = \Sigma(0, 1, 2, 4, 5, 6, 10, 12, 13)$ using the K-map method?

Answer :

- (A) $A'B'C'D' + A'B'C'D + A'B'CD + A'BC'D + A'B'C'D' + A'BCD$
- (B) $A'B'C'D' + A'B'C'D + A'B'CD + A'BC'D + A'B'C'D' + A'BC'D$
- (C) $A'B'C'D' + A'B'C'D + A'B'CD + A'BC'D + A'B'C'D' + A'BC'D'$
- (D) $A'B'C'D' + A'B'C'D + A'B'CD + A'BC'D + A'B'C'D' + A'BCD$

Question Id : 53

Option Id

- 53001
- 53002
- 53003
- 53004

Right Answer : $A'B'C'D' + A'B'C'D + A'B'CD + A'BC'D + A'B'C'D' + A'BCD$ **Right Option Id : 53002**

Question 5

A binary-to-gray code converter is an example of:

Answer :

- (A) Encoder
- (B) Decoder
- (C) Comparator
- (D) Multiplexer

Right Answer :

Encoder

Question Id : 52

- 52001
- 52002
- 52003
- 52004

Right Option Id : 52001**Question 6**

Which statement accurately describes a Programmable Logic Device (PLD)?

Answer :

- (A) PLDs can only be programmed once and cannot be reconfigured.
- (B) PLDs are used exclusively for memory storage in digital circuits.
- (C) PLDs allow for both input and output programming to implement custom logic functions.
- (D) PLDs consist of only AND gates and do not include OR gates.

Right Answer :

PLDs allow for both input and output programming to implement custom logic functions.

Question Id : 51

- 51001
- 51002
- 51003
- 51004

Right Option Id : 51003**Question 7**

Which of the following applications is a typical use of microcontrollers in the field of home automation?

Answer :

- (A) Satellite communication
- (B) Air traffic control
- (C) Temperature and lighting control
- (D) Space exploration

Right Answer :

Temperature and lighting control

Question Id : 50

- 50001
- 50002
- 50003
- 50004

Right Option Id : 50003**Question 8**

What does the term "harvard architecture" refer to in the context of microcontrollers?

Answer :

- (A) A type of microcontroller with high processing speed
- (B) A microcontroller architecture that uses a separate memory space for instructions and data
- (C) A microcontroller with advanced addressing modes
- (D) A microcontroller with a large number of I/O ports

Right Answer :

A microcontroller architecture that uses a separate memory space for instructions and data

Question Id : 49

- 49001
- 49002
- 49003
- 49004

Right Option Id : 49002**Question 9****Question Id : 48**

What is the primary purpose of using Don't Care conditions in Karnaugh Map simplification?

Answer :

- (A) To mark cells that should not be included in the simplification process
- (B) To indicate cells that have an undefined logic value
- (C) To identify cells that are already in their simplest form
- (D) To mark cells with special logic functions

Option Id

- 48001
- 48002
- 48003
- 48004

Right Answer :

To mark cells that should not be included in the simplification process

Right Option Id : 48001

Question 10

De Morgan's First Theorem states that the complement of a _____ of variables is equal to the _____ of their individual complements

Answer :

- (A) AND, OR
- (B) OR, AND
- (C) NAND, NOR
- (D) NOR, NAND

Question Id : 47

- 47001
- 47002
- 47003
- 47004

Right Answer :

OR, AND

Right Option Id : 47002

Question 11

The hexadecimal number F4 is equivalent to which binary number?

Answer :

- (A) 11111001
- (B) 11110100
- (C) 11111100
- (D) 11111010

Question Id : 46

- 46001
- 46002
- 46003
- 46004

Right Answer :

11110100

Right Option Id : 46002

Question 12

When converting a binary number to Gray Code, what is the result of XORing the most significant bit (MSB) of the binary number with the next bit?

Answer :

- (A) The MSB of the Gray Code
- (B) The LSB of the Gray Code
- (C) The XOR of all the bits in the binary number
- (D) The XOR of all the bits in the Gray Code

Question Id : 45

- 45001
- 45002
- 45003
- 45004

Right Answer :

The LSB of the Gray Code

Right Option Id : 45002

Question 13

In an ideal microcomputer, what is the purpose of the clock or oscillator circuit?

Answer :

- (A) Providing power to the microcomputer
- (B) Displaying time and date information

Question Id : 44

- 44001
- 44002

(C) Generating timing signals to synchronize operations
 (D) Cooling the microcomputer components

44003
 44004

Right Answer :

Generating timing signals to synchronize operations

Right Option Id : 44003

Question 14

What is the worst-case time complexity of Binary Search for an array of size "n"?

Answer :

(A) $O(\log n)$
 (B) $O(n)$
 (C) $O(n \log n)$
 (D) $O(1)$

Question Id : 43

Option Id
 43001
 43002
 43003
 43004

Right Answer :

$O(\log n)$

Right Option Id : 43001

Question 15

The minimum number of edges in a spanning tree of a connected graph with "n" vertices is:

Answer :

(A) n
 (B) $n - 1$
 (C) $n + 1$
 (D) $n(n-1)/2$

Question Id : 42

Option Id
 42001
 42002
 42003
 42004

Right Answer :

$n - 1$

Right Option Id : 42002

Question 16

Which property of dynamic programming is particularly useful for solving Optimal Binary Search Tree problems?

Answer :

(A) Optimal substructure
 (B) Greedy choice property
 (C) Divide and Conquer
 (D) Linear programming

Question Id : 41

Option Id
 41001
 41002
 41003
 41004

Right Answer :

Optimal substructure

Right Option Id : 41001

Question 17

The Floyd-Warshall algorithm is a popular method for solving the All-Pair Shortest Paths problem. What is the time complexity of the Floyd-Warshall algorithm for a graph with "n" vertices?

Answer :

(A) $O(n)$
 (B) $O(n \log n)$
 (C) $O(n^2)$
 (D) $O(n^3)$

Question Id : 56

Option Id
 56001
 56002
 56003
 56004

Right Answer : $O(n^3)$ **Right Option Id : 56004****Question 18**

What is the time complexity of the Divide and Conquer algorithm for finding the maximum and minimum elements in an array of size "n"?

Answer :

- (A) $O(n)$
- (B) $O(\log n)$
- (C) $O(n \log n)$
- (D) $O(n^2)$

Question Id : 57

Option Id

- 57001
- 57002
- 57003
- 57004

Right Answer : $O(n)$ **Right Option Id : 57001****Question 19**

In multistage graphs, what is the property of optimality?

Answer :

- (A) The shortest path between any two stages is the one with the fewest edges
- (B) The shortest path between any two stages is the one with the lowest total cost
- (C) The shortest path between any two stages is the one with the highest total cost
- (D) The shortest path between any two stages is the one with the most vertices

Question Id : 58

Option Id

- 58001
- 58002
- 58003
- 58004

Right Answer :

The shortest path between any two stages is the one with the lowest total cost

Right Option Id : 58002**Question 20**

Which of the following is not a common example of an abstract data type?

Answer :

- (A) Stack
- (B) Integer
- (C) Queue
- (D) List

Question Id : 67

Option Id

- 67001
- 67002
- 67003
- 67004

Right Answer :

Integer

Right Option Id : 67002**Question 21**

Which traversal technique is used to visit each node of a linked list exactly once?

Answer :

- (A) Preorder traversal
- (B) Inorder traversal
- (C) Postorder traversal
- (D) Linear traversal

Question Id : 73

Option Id

- 73001
- 73002
- 73003
- 73004

Right Answer :

Linear traversal

Right Option Id : 73004

Question 22

In pointer implementation of linked lists, which operation can be performed in constant time ($O(1)$) when inserting or deleting nodes?

Answer :

- (A) Inserting at the beginning
- (B) Inserting at the end
- (C) Inserting at a specific position
- (D) Deleting a specific node

Question Id : 72

Option Id

- 72001
- 72002
- 72003
- 72004

Right Answer :

Inserting at the beginning

Right Option Id : 72001

Question 23

Which representation is best suited for matrices with a small number of non-zero elements in each row and column?

Answer :

- (A) Triplet representation
- (B) Compressed sparse row (CSR) format
- (C) Compressed sparse column (CSC) format
- (D) Array representation

Question Id : 71

Option Id

- 71001
- 71002
- 71003
- 71004

Right Answer :

Compressed sparse column (CSC) format

Right Option Id : 71003

Question 24

Which of the following representations is most suitable for efficient row-wise traversal of a sparse matrix?

Answer :

- (A) Triplet representation
- (B) Compressed sparse row (CSR) format
- (C) Compressed sparse column (CSC) format
- (D) Array representation

Question Id : 70

Option Id

- 70001
- 70002
- 70003
- 70004

Right Answer :

Compressed sparse row (CSR) format

Right Option Id : 70002

Question 25

In computer graphics, arrays can be used to store pixel values for images. Which type of array would be suitable for this purpose?

Answer :

- (A) 1-D array
- (B) 2-D array
- (C) 3-D array
- (D) 4-D array

Question Id : 69

Option Id

- 69001
- 69002
- 69003
- 69004

Right Answer :

2-D array

Right Option Id : 69002

Question 26

For a 2-D array represented in row-major order, the index formula to access the element at row "i" and column "j" using the base address "B" is:

Answer :

- (A) Index = B + (i * n + j)
- (B) Index = B + (j * n + i)

Question Id : 68

Option Id

- 68001

(C) Index = B + (i + j)

(D) Index = B + (i * m + j)

68002

68003

68004

Right Answer :

Index = B + (i * n + j)

Right Option Id : 68001

Question 27

The Banker's algorithm is an example of a deadlock:

Answer :

- (A) Avoidance algorithm
- (B) Detection algorithm
- (C) Prevention algorithm
- (D) Termination algorithm

Question Id : 66

Option Id

66001

66002

66003

66004

Right Answer :

Avoidance algorithm

Right Option Id : 66001

Question 28

The concept of monitors was introduced by:

Answer :

- (A) Edsger Dijkstra
- (B) Alan Turing
- (C) Tim Berners-Lee
- (D) Linus Torvalds

Question Id : 59

Option Id

59001

59002

59003

59004

Right Answer :

Edsger Dijkstra

Right Option Id : 59001

Question 29

Priority Scheduling involves assigning a priority value to each process. Which scheduling algorithm is closely related to this concept?

Answer :

- (A) FCFS
- (B) SJN
- (C) Multilevel Queue Scheduling
- (D) First-Come, First-Served (FCFS)

Question Id : 65

Option Id

65001

65002

65003

65004

Right Answer :

Multilevel Queue Scheduling

Right Option Id : 65003

Question 30

The resource matrix is a data structure used in deadlock detection algorithms to:

Answer :

- (A) Represent resource allocation
- (B) Represent the execution order of processes
- (C) Represent the execution history of processes
- (D) Represent the priority of processes

Question Id : 64

Option Id

64001

64002

64003

64004

Right Answer :

Represent resource allocation

Right Option Id : 64001**Question 31**

The term "race condition" in parallel programming refers to:

Answer :

- (A) A competition between processes to terminate first
- (B) A competition between processes to access shared resources
- (C) A situation where a process is stuck in a loop
- (D) A situation where processes are running sequentially

Question Id : 63

Option Id

- 63001
- 63002
- 63003
- 63004

Right Answer :

A competition between processes to access shared resources

Right Option Id : 63002**Question 32**

The need for a command interpreter arises because:

Answer :

- (A) Hardware cannot execute programs directly
- (B) All programming languages require an interpreter
- (C) Software cannot run on hardware
- (D) Users prefer typing commands over using GUIs

Question Id : 62

Option Id

- 62001
- 62002
- 62003
- 62004

Right Answer :

Hardware cannot execute programs directly

Right Option Id : 62001**Question 33**

The term "multi-user" in an OS context refers to:

Answer :

- (A) An OS that can execute multiple programs simultaneously
- (B) An OS that supports multiple users working on the same machine
- (C) An OS that can only run on multiple computers
- (D) An OS with a graphical user interface

Question Id : 61

Option Id

- 61001
- 61002
- 61003
- 61004

Right Answer :

An OS that supports multiple users working on the same machine

Right Option Id : 61002**Question 34**

_____ offers the ability to query the data and insert, alter, and delete tuples.

Answer :

- (A) Transaction Control Language (TCL)
- (B) Data Control Language (DCL)
- (C) Data Definition Language (DDL)
- (D) Data Manipulation Language (DML)

Question Id : 60

Option Id

- 60001
- 60002
- 60003
- 60004

Right Answer :

Data Manipulation Language (DML)

Right Option Id : 60004**Question 35****Question Id : 40**

Which of the following is a database?

Answer :

- (A) MySQL
- (B) Informix
- (C) SQL Server
- (D) All of the above

- Option Id
- 40001
- 40002
- 40003
- 40004

Right Answer :

All of the above

Right Option Id : 40004

Question 36

What do you mean by one to many relationships?

Answer :

- (A) Many teachers may have many classes
- (B) One class may have many teachers
- (C) One teacher can have many classes
- (D) Many classes may have many teachers

- Question Id : 39
- Option Id
- 39001
- 39002
- 39003
- 39004

Right Answer :

One teacher can have many classes

Right Option Id : 39003

Question 37

In general, a file is basically a collection of all related_____.

Answer :

- (A) Rows & Columns
- (B) Database
- (C) Fields
- (D) Records

- Question Id : 38
- Option Id
- 38001
- 38002
- 38003
- 38004

Right Answer :

Records

Right Option Id : 38004

Question 38

Which of the following refers to the number of attributes in a relation?

Answer :

- (A) Row
- (B) Degree
- (C) Column
- (D) All of the above

- Question Id : 37
- Option Id
- 37001
- 37002
- 37003
- 37004

Right Answer :

Row

Right Option Id : 37001

Question 39

A report generator is used to

Answer :

- (A) Update file
- (B) Print file on paper

- Question Id : 17
- Option Id
- 17001
- 17002

(C) Both of the above
 (D) None of the above

17003
 17004

Right Answer :
 Print file on paper

Right Option Id : 17002

Question 40

A large computer information system maintains many different computer files. Which amongst them is called a perpetual file?

Answer :
 (A) Specialized File
 (B) Master File
 (C) Log File
 (D) Update File

Question Id : 16

Option Id
 16001
 16002
 16003
 16004

Right Answer :
 Master File

Right Option Id : 16002

Question 41

Subnetting allows for:

Answer :
 (A) Faster data transmission
 (B) Improved error control
 (C) Efficient use of IP addresses
 (D) Increased network security

Question Id : 15

Option Id
 15001
 15002
 15003
 15004

Right Answer :
 Efficient use of IP addresses

Right Option Id : 15003

Question 42

Upward multiplexing involves:

Answer :
 (A) Combining multiple data streams into one
 (B) Distributing data to different physical channels
 (C) Separating data into smaller units
 (D) Reordering data packets

Question Id : 14

Option Id
 14001
 14002
 14003
 14004

Right Answer :
 Combining multiple data streams into one

Right Option Id : 14001

Question 43

Process-to-process communication involves communication between:

Answer :
 (A) Different network layers
 (B) Different devices on the same network
 (C) Devices using different protocols
 (D) Processes on different devices

Question Id : 13

Option Id
 13001
 13002
 13003
 13004

Right Answer :

Processes on different devices

Right Option Id : 13004**Question 44**

The HTTP protocol is used for:

Answer :

- (A) Email communication
- (B) File transfers
- (C) Web browsing
- (D) Remote terminal access

Question Id : 12

Option Id

- 12001
- 12002
- 12003
- 12004

Right Answer :

Web browsing

Right Option Id : 12003**Question 45**

The term HTTP stand for:

Answer :

- (A) Hyper Terminal Tracing Program
- (B) Hypertext Tracing Program
- (C) Hypertext Transfer Protocol
- (D) Hypertext Tracing Protocol

Question Id : 11

Option Id

- 11001
- 11002
- 11003
- 11004

Right Answer :

Hypertext Transfer Protocol

Right Option Id : 11003**Question 46**

The length of an IPv6 address is:

Answer :

- (A) 32 bits
- (B) 64 bits
- (C) 128 bits
- (D) 256 bits

Question Id : 10

Option Id

- 10001
- 10002
- 10003
- 10004

Right Answer :

128 bits

Right Option Id : 10003**Question 47**

The maximum length (in bytes) of an IPv4 datagram is:

Answer :

- (A) 32
- (B) 256
- (C) 1024
- (D) 65535

Question Id : 9

Option Id

- 9001
- 9002
- 9003
- 9004

Right Answer :

65535

Right Option Id : 9004**Question 48**

Which software life cycle model is based on iterative prototyping?

Question Id : 8

Answer :

- (A) Waterfall model
- (B) Spiral model
- (C) Agile model
- (D) Prototype model

Option Id

- 8001
- 8002
- 8003
- 8004

Right Answer :

Spiral model

Right Option Id : 8002

Question 49

In the context of software project management, what is LOC an acronym for?

Answer :

- (A) Line of Change
- (B) Level of Complexity
- (C) Lines of Code
- (D) List of Components

Option Id

- 7001
- 7002
- 7003
- 7004

Right Answer :

Lines of Code

Right Option Id : 7003

Question 50

The Cost Estimation technique that involves expert judgments and consensus is called:

Answer :

- (A) COCOMO
- (B) Delphi Method
- (C) Waterfall Model
- (D) Prototype Model

Option Id

- 6001
- 6002
- 6003
- 6004

Right Answer :

Delphi Method

Right Option Id : 6002

Question 51

ISO 9000 and SEI CMM are both frameworks related to:

Answer :

- (A) Software testing
- (B) Software documentation
- (C) Software quality assurance and process improvement
- (D) Software design principles

Option Id

- 5001
- 5002
- 5003
- 5004

Right Answer :

Software quality assurance and process improvement

Right Option Id : 5003

Question 52

Which type of maintenance involves adding new features to existing software?

Answer :

- (A) Corrective Maintenance
- (B) Perfective Maintenance

Option Id

- 4001
- 4002

Question Id : 4

(C) Adaptive Maintenance

4003

(D) Preventive Maintenance

4004

Right Answer :

Perfective Maintenance

Right Option Id : 4002

Question 53

The framework that provides guidelines for achieving consistent and high-quality software is:

Answer :

(A) COCOMO

Question Id : 3

Option Id

3001

(B) ISO 9000

3002

(C) Delphi Method

3003

(D) Agile Manifesto

3004

Right Answer :

ISO 9000

Right Option Id : 3002

Question 54

Which maintenance process involves documenting the software's structure and functionality?

Answer :

(A) Reverse Engineering

Question Id : 18

Option Id

18001

(B) Preventive Maintenance

18002

(C) Perfective Maintenance

18003

(D) Adaptive Maintenance

18004

Right Answer :

Reverse Engineering

Right Option Id : 18001

Question 55

What is the term for defining multiple methods in a class with the same name but different parameters?

Answer :

(A) Overriding

Question Id : 2

Option Id

2001

(B) Overloading

2002

(C) Inheriting

2003

(D) Inheritance

2004

Right Answer :

Overloading

Right Option Id : 2002

Question 56

What is the main advantage of using abstract classes over interfaces?

Answer :

(A) Abstract classes can have multiple inheritance, unlike interfaces

Question Id : 19

Option Id

19001

(B) Interfaces can have constructors, while abstract classes cannot

19002

(C) Abstract classes can provide default implementations of methods

19003

(D) Interfaces allow for private access modifiers, unlike abstract classes

19004

Right Answer :

Abstract classes can provide default implementations of methods

Right Option Id : 19003

Question 57

What is the main purpose of using namespaces in programming?

Answer :

- (A) To provide data encapsulation
- (B) To organize code into logical groups
- (C) To define abstract classes
- (D) To handle exceptions

Right Answer :

To organize code into logical groups

Question Id : 21

Option Id

- 21001
- 21002
- 21003
- 21004

Right Option Id : 21002

Question 58

What is the term for creating a new class that inherits properties and behaviors from an existing class?

Answer :

- (A) Polymorphism
- (B) Encapsulation
- (C) Abstraction
- (D) Derivation

Right Answer :

Derivation

Question Id : 36

Option Id

- 36001
- 36002
- 36003
- 36004

Right Option Id : 36004

Question 59

What is the primary purpose of an interface in OOP?

Answer :

- (A) To provide a blueprint for creating objects
- (B) To define a set of methods that must be implemented by implementing classes
- (C) To define constructors for classes
- (D) To create static methods

Right Answer :

To define a set of methods that must be implemented by implementing classes

Question Id : 35

Option Id

- 35001
- 35002
- 35003
- 35004

Right Option Id : 35002

Question 60

What is the term for a variable that references an instance of a class?

Answer :

- (A) Property
- (B) Method
- (C) Object
- (D) Constructor

Right Answer :

Object

Question Id : 34

Option Id

- 34001
- 34002
- 34003
- 34004

Right Option Id : 34003

Question 61**Question Id : 33**

What is the term for a condition that occurs during program execution that disrupts the normal flow of instructions?

Answer :

- (A) Abstraction
- (B) Inheritance
- (C) Exception
- (D) Encapsulation

Option Id

- 33001
- 33002
- 33003
- 33004

Right Answer :

Exception

Right Option Id : 33003

Question 62

What is the role of a Document Type Definition (DTD) in XML?

Answer :

- (A) It defines the structure and data types of XML documents.
- (B) It provides a list of external resources for an XML document.
- (C) It specifies the styling rules for XML elements.
- (D) It encrypts the content of an XML document

Question Id : 32

- 32001
- 32002
- 32003
- 32004

Right Answer :

It defines the structure and data types of XML documents.

Right Option Id : 32001

Question 63

What does PHP stand for?

Answer :

- (A) Personal Home Page
- (B) Professional Hypertext Processor
- (C) Preprocessed Hypertext Pages
- (D) PHP: Hypertext Preprocessor

Question Id : 31

- 31001
- 31002
- 31003
- 31004

Right Answer :

PHP: Hypertext Preprocessor

Right Option Id : 31004

Question 64

How do you comment a single line in PHP?

Answer :

- (A) // This is a comment @
- (B) /* This is a comment */
- (C) <!-- This is a comment -->
- (D) ** This is a comment **

Question Id : 30

- 30001
- 30002
- 30003
- 30004

Right Answer :

// This is a comment @

Right Option Id : 30001

Question 65

Which statement is used to retrieve data from a database in SQL?

Answer :

- (A) SELECT
- (B) UPDATE

Question Id : 29

- 29001
- 29002

(C) DELETE

29003

(D) INSERT

29004

Right Answer :

SELECT

Right Option Id : 29001

Question 66

What is CRUD an acronym for in database operations?

Answer :

- (A) Create, Read, Update, Delete
- (B) Cache, Read, Update, Delete
- (C) Copy, Replace, Update, Delete
- (D) Collect, Read, Use, Discard

Question Id : 28

Option Id

28001

28002

28003

28004

Right Answer :

Create, Read, Update, Delete

Right Option Id : 28001

Question 67

Which SQL command is used to remove a table from a database?

Answer :

- (A) DELETE TABLE
- (B) DROP TABLE
- (C) REMOVE TABLE
- (D) ERASE TABLE

Question Id : 27

Option Id

27001

27002

27003

27004

Right Answer :

DROP TABLE

Right Option Id : 27002

Question 68

The language accepted by Push down Automaton:

Answer :

- (A) Recursive Language
- (B) Context free language
- (C) Linearly Bounded language
- (D) All of the mentioned

Question Id : 26

Option Id

26001

26002

26003

26004

Right Answer :

Context free language

Right Option Id : 26002

Question 69

Which of the following is type 1 language or Type 1 grammar?

Answer :

- (A) Regular grammar/ Regular language
- (B) Context Free Grammar / Context Free language
- (C) Context Sensitive Grammar / Context Sensitive language
- (D) Recursively Enumerable

Question Id : 25

Option Id

25001

25002

25003

25004

Right Answer :

Context Sensitive Grammar / Context Sensitive language

Right Option Id : 25003**Question 70**

A context free grammar G is in Chomsky normal form if every production is of the form

Answer :

- (A) $A \rightarrow BC$ or $A \rightarrow A$
- (B) $A \rightarrow BC$ or $A \rightarrow a$
- (C) $A \rightarrow BCa$ or $B \rightarrow b$
- (D) None of these

Question Id : 24

- Option Id 24001
- 24002
- 24003
- 24004

Right Answer : $A \rightarrow BC$ or $A \rightarrow a$ **Right Option Id : 24002****Question 71**The context free grammar $S \rightarrow SS \mid 0S1 \mid 1S0 \mid \epsilon$ generates

Answer :

- (A) Equal number of 0's and 1's
- (B) Unequal number of 0's and 1's
- (C) Any number of 0's followed by any number of 1's
- (D) None of these

Question Id : 23

- Option Id 23001
- 23002
- 23003
- 23004

Right Answer :

Equal number of 0's and 1's

Right Option Id : 23001**Question 72**

According to Chomsky hierarchy, which of the following is recognized by Recursively Enumerable language?

Answer :

- (A) Type 0
- (B) Type 1
- (C) Type 2
- (D) Type 3

Question Id : 22

- Option Id 22001
- 22002
- 22003
- 22004

Right Answer :

Type 0

Right Option Id : 22001**Question 73**

A universal Turing machine is a

Answer :

- (A) Single tape Turing machine
- (B) Two-tape Turing machine
- (C) Reprogrammable Truing machine
- (D) All of the above

Question Id : 74

- Option Id 74001
- 74002
- 74003
- 74004

Right Answer :

Reprogrammable Truing machine

Right Option Id : 74003**Question 74**

Turing machine can be represented using:

Question Id : 20

Answer :

(A) Transition table
 (B) Transition diagram
 (C) Instantaneous description
 (D) All of these

 Option Id
 20001
 20002
 20003
 20004
Right Answer :

All of these

Right Option Id : 20004**Question 75**

Maximum read range of RFID module is?

Answer :

(A) 10 CM
 (B) 5 CM
 (C) 15 CM
 (D) 2 CM

 Option Id
 75001
 75002
 75003
 75004
Right Answer :

5 CM

Right Option Id : 75002**Question 76**

Which ZigBee device is used to transfer data between ZigBee devices?

Answer :

(A) Zigbee Coordinator device
 (B) Zigbee Router
 (C) Zigbee start device
 (D) Zigbee end device

 Option Id
 78001
 78002
 78003
 78004
Right Answer :

Zigbee Router

Right Option Id : 78002**Question 77**

The Internet of Things (IoT), access to real-time data, and the introduction of cyber-physical systems mark the big changes for this era.

Answer :

(A) Industrial Revolution
 (B) 3rd Industrial Revolution
 (C) Industry 4.0
 (D) Manufacturing automation

 Option Id
 92001
 92002
 92003
 92004
Right Answer :

Industry 4.0

Right Option Id : 92003**Question 78**

The default baud rate of Modbus RTU is?

Answer :

(A) 9600
 (B) 19200
 (C) 38400

 Option Id
 93001
 93002
 93003

(D) 57600

 93004
Right Answer :

19200

Right Option Id : 93002**Question 79**

_____ is an online storage drive which can be browsed and from which items can be shared?

Answer :

- (A) Find my iPhone
- (B) iWeb Publish
- (C) MobileMe Gallery
- (D) iDesk

Question Id : 94

Option Id

 94001

 94002

 94003

 94004
Right Answer :

iDesk

Right Option Id : 94004**Question 80**

_____ are used to overcome the challenges of managing the resources of the IoT.

Answer :

- (A) Clustering
- (B) Software agents
- (C) Synchronization techniques
- (D) Cluster, Software agent, and Synchronization techniques

Question Id : 97

Option Id

 97001

 97002

 97003

 97004
Right Answer :

Cluster, Software agent, and Synchronization techniques

Right Option Id : 97004**Question 81**

What is the frame?

Answer :

- (A) Data type
- (B) Data Structure
- (C) A way of representing knowledge
- (D) None of the above

Question Id : 96

Option Id

 96001

 96002

 96003

 96004
Right Answer :

A way of representing knowledge

Right Option Id : 96003**Question 82**

What is hyponymy relation?

Answer :

- (A) A is part of B
- (B) B has A as a part of itself
- (C) A is subordinate of B
- (D) A is superordinate of B

Question Id : 91

Option Id

 91001

 91002

 91003

 91004
Right Answer :

A is subordinate of B

Right Option Id : 91003

Question 83

Which among the following is/are the best example of semantic networks?

Answer :

- (A) Wordnet
- (B) Human Food Chain
- (C) MYSIN
- (D) Autonomous car driver

Right Answer :

Wordnet

Question Id : 98

- Option Id
 98001
- 98002
- 98003
- 98004

Right Option Id : 98001

Question 84

The "Turing Machine" showed that you could use a/an ____ system to program any algorithmic task.

Answer :

- (A) binary
- (B) electro-chemical
- (C) recursive
- (D) semantic

Right Answer :

binary

Question Id : 99

- Option Id
 99001
- 99002
- 99003
- 99004

Right Option Id : 99001

Question 85

Which of the following is not a Characteristics of Expert Systems?

Answer :

- (A) Understandable
- (B) Highly responsive
- (C) Unreliable
- (D) High performance

Right Answer :

Unreliable

Question Id : 100

- Option Id
 100001
- 100002
- 100003
- 100004

Right Option Id : 100003

Question 86

which of the following is Capabilities of Expert Systems?

Answer :

- (A) Possessing human capabilities
- (B) Suggesting alternative options to a problem
- (C) Refining their own knowledge
- (D) Substituting human decision makers

Right Answer :

Suggesting alternative options to a problem

Question Id : 95

- Option Id
 95001
- 95002
- 95003
- 95004

Right Option Id : 95002

Question 87

What is the full form of JESS in Expert System Technology?

Answer :

Question Id : 90

- Option Id

(A) Java Expert System Shell
 (B) Javascript Expert System Shell
 (C) Java Expert Sub System
 (D) Javascript Expert Sub System

 90001
 90002
 90003
 90004
Right Answer :

Java Expert System Shell

Right Option Id : 90001**Question 88**

During E-commerce transaction we should ensure-----

Answer :

(A) Integrity
 (B) Confidentiality
 (C) Security
 (D) All of the above

Question Id : 77
 Option Id
 77001
 77002
 77003
 77004
Right Answer :

All of the above

Right Option Id : 77004**Question 89**

Public key cryptography is also known as -----cryptography.

Answer :

(A) Private key
 (B) Symetric
 (C) Asymmetric
 (D) None of the above

Question Id : 88
 Option Id
 88001
 88002
 88003
 88004
Right Answer :

Asymmetric

Right Option Id : 88003**Question 90**

Which one is not a physical threat

Answer :

(A) Hacking
 (B) Storm
 (C) Fire
 (D) Flood

Question Id : 87
 Option Id
 87001
 87002
 87003
 87004
Right Answer :

Hacking

Right Option Id : 87001**Question 91**

Which one is a communication channel security protocol?

Answer :

(A) SSL
 (B) SET
 (C) S-HTTP

Question Id : 89
 Option Id
 89001
 89002
 89003

(D) All of the above

89004

Right Answer :

All of the above

Right Option Id : 89004

Question 92

Which one is used to identify mobile money

Answer :

- (A) MCID
- (B) MMID
- (C) RSID
- (D) None of the above

Question Id : 86

Option Id

- 86001
- 86002
- 86003
- 86004

Right Answer :

MMID

Right Option Id : 86002

Question 93

Unclassified email is called?

Answer :

- (A) Extra mail
- (B) Spam
- (C) junk mail
- (D) None of the above

Question Id : 85

Option Id

- 85001
- 85002
- 85003
- 85004

Right Answer :

junk mail

Right Option Id : 85003

Question 94

_____ refers to simulated motion pictures showing movement of drawn objects.

Answer :

- (A) Motion
- (B) Animation
- (C) VR
- (D) SMD

Question Id : 84

Option Id

- 84001
- 84002
- 84003
- 84004

Right Answer :

Animation

Right Option Id : 84002

Question 95

Which of the following is an example of Digital Image Processing?

Answer :

- (A) Computer Graphics
- (B) Pixels
- (C) Camera Mechanism
- (D) All of the mentioned

Question Id : 76

Option Id

- 76001
- 76002
- 76003
- 76004

Right Answer :

All of the mentioned

Right Option Id : 76004

Question 96

The aliasing effect on an image can be reduced using which of the following methods?

Answer :

- (A) By reducing the high-frequency components of image by clarifying the image
- (B) By increasing the high-frequency components of image by clarifying the image
- (C) By increasing the high-frequency components of image by blurring the image
- (D) By reducing the high-frequency components of image by blurring the image

Question Id : 83

Option Id

- 83001
- 83002
- 83003
- 83004

Right Answer :

By reducing the high-frequency components of image by blurring the image

Right Option Id : 83004

Question 97

Which of the following is the next step in image processing after compression?

Answer :

- (A) Representation and description
- (B) Morphological processing
- (C) Segmentation
- (D) Wavelets

Question Id : 82

Option Id

- 82001
- 82002
- 82003
- 82004

Right Answer :

Morphological processing

Right Option Id : 82002

Question 98

Which of the following is the abbreviation of JPEG?

Answer :

- (A) Joint Photographic Experts Group
- (B) Joint Photographs Expansion Group
- (C) Joint Photographic Expanded Group
- (D) Joint Photographic Expansion Group

Question Id : 81

Option Id

- 81001
- 81002
- 81003
- 81004

Right Answer :

Joint Photographic Experts Group

Right Option Id : 81001

Question 99

Which gray-level transformation increases the dynamic range of gray-level in the image?

Answer :

- (A) Negative transformations
- (B) Contrast stretching
- (C) Power-law transformations
- (D) None of the mentioned

Question Id : 80

Option Id

- 80001
- 80002
- 80003
- 80004

Right Answer :

Contrast stretching

Right Option Id : 80002

Question 100

Multimedia is widely used to add special____ to movies

Answer :

Question Id : 79

Option Id

(A) Arrangement
 (B) Attachment
 (C) Effects
 (D) Control

79001
 79002
 79003
 79004

Right Answer :

Effects

Right Option Id : 79003

Art Of Teaching

Question 101

The main aim of classroom teaching is

Answer :

(A) to give information
 (B) help to pass examination
 (C) syllabus coverage
 (D) to develop personality

Question Id : 120

Option Id
 120001
 120002
 120003
 120004

Right Answer :

to develop personality

Right Option Id : 120004

Question 102

One of the following is law of learning

Answer :

(A) law of motivation
 (B) law of listening
 (C) law of exercise
 (D) law of communication

Question Id : 121

Option Id
 121001
 121002
 121003
 121004

Right Answer :

law of exercise

Right Option Id : 121003

Question 103

One of them is a method of teaching

Answer :

(A) drilling
 (B) illustration
 (C) demonstration
 (D) lecture and demonstration

Question Id : 125

Option Id
 125001
 125002
 125003
 125004

Right Answer :

lecture and demonstration

Right Option Id : 125004

Question 104

To make learner an active partner in learning

Answer :

(A) provide objectives
 (B) provide content

Question Id : 123

Option Id
 123001
 123002

(C) provide writes
(D) provide lecture

123003
 123004

Right Answer :
provide objectives

Right Option Id : 123001

Question 105

psychomotor domain relates to

Answer :

(A) map making
(B) project making
(C) playing
(D) all the above

Question Id : 124

Option Id
 124001
 124002
 124003
 124004

Right Answer :
all the above

Right Option Id : 124004

Question 106

Heuristic means

Answer :

(A) to invertigate
(B) to show
(C) to do
(D) to act

Question Id : 119

Option Id
 119001
 119002
 119003
 119004

Right Answer :
to invertigate

Right Option Id : 119001

Question 107

general to specific approach is

Answer :

(A) deductive
(B) game based
(C) blended
(D) experimental

Question Id : 117

Option Id
 117001
 117002
 117003
 117004

Right Answer :
deductive

Right Option Id : 117001

Question 108

Inductive method is

Answer :

(A) drilling
(B) exercising
(C) moving from specific to general
(D) moving from general to specific

Question Id : 126

Option Id
 126001
 126002
 126003
 126004

Right Answer :

moving from specific to general

Right Option Id : 126003**Question 109**

Diadactic teaching materials was introduced by

Answer :

- (A) Pestalozzi
- (B) froebel
- (C) Montessori
- (D) Dewey

Question Id : 127

- 127001
- 127002
- 127003
- 127004

Right Answer :

Montessori

Right Option Id : 127003**Question 110**

The centre point of a lesson plan is

Answer :

- (A) principal
- (B) teacher
- (C) student
- (D) none of the above

Question Id : 128

- 128001
- 128002
- 128003
- 128004

Right Answer :

student

Right Option Id : 128003**Question 111**

Which of the following is an effective method to enhance problem-solving skills in children?

Answer :

- (A) giving them opportunities to brainstorm and make intuitive guesses
- (B) discouraging independent thinking and focusing on declarative knowledge
- (C) encouraging them to avoid difficult problems
- (D) providing them with ready-made solutions to problems

Question Id : 129

- 129001
- 129002
- 129003
- 129004

Right Answer :

giving them opportunities to brainstorm and make intuitive guesses

Right Option Id : 129001**Question 112**

Experiential learning stresses on:

Answer :

- (A) learning as a product rather than a process.
- (B) control of teacher on the learning of children.
- (C) the role of reinforcement in learning.
- (D) importance of critical reflection.

Question Id : 108

- 108001
- 108002
- 108003
- 108004

Right Answer :

importance of critical reflection.

Right Option Id : 108004**Question 113**

Read the following statement and choose the correct option:

Question Id : 130

Assertion (A) : Teachers should create a meaningful environment which seeks active participation and engagement of all children.

Reason (R) : All children are intrinsically motivated to learn and are capable of learning.

Answer :

- (A) (A) is true, but (R) is false.
- (B) both (A) and (R) are false.
- (C) both (A) and (R) are true and (R) is the correct explanation of (A)
- (D) both (A) and (R) are true, but (R) is not the correct explanation of (A)

Option Id

- 130001
- 130002
- 130003
- 130004

Right Answer :

both (A) and (R) are true, but (R) is not the correct explanation of (A)

Right Option Id : 130004

Question 114

Which of the following is not a characteristic of a good achievement test ?

Answer :

- (A) Validity
- (B) Ambiguity
- (C) Reliability
- (D) Objectivity

Question Id : 122

- 122001
- 122002
- 122003
- 122004

Right Answer :

Ambiguity

Right Option Id : 122002

Question 115

"Spare the rod and spoil the child", gives the message that

Answer :

- (A) children should be beaten with rods.
- (B) Corporal punishment is not acceptable.
- (C) undesirable behaviour must be punished.
- (D) Punishment in the class should be banned.

Question Id : 118

- 118001
- 118002
- 118003
- 118004

Right Answer :

undesirable behaviour must be punished.

Right Option Id : 118003

Question 116

What is the use of text book in class?

Answer :

- (A) To explain ideas & thought
- (B) To achieve learning objectives
- (C) To delimit what is to be taught
- (D) None of these

Question Id : 115

- 115001
- 115002
- 115003
- 115004

Right Answer :

To achieve learning objectives

Right Option Id : 115002

Question 117

Which of the following statement is not true?

Answer :

- (A) Through the text book, the memory power of the student is developed
- (B) Through the text book, reasoning power of the student is developed

Question Id : 116

- 116001
- 116002

(C) Textbooks distract students from studies.
 (D) None of these

116003
 116004

Right Answer :

Textbooks distract students from studies.

Right Option Id : 116003

Question 118

The criteria for teacher effectiveness are-

Answer :
 (A) Ability
 (B) Product
 (C) Process
 (D) All of the above

Question Id : 101

Option Id
 101001
 101002
 101003
 101004

Right Answer :

All of the above

Right Option Id : 101004

Question 119

The primary responsibility for the teacher's adjustment

Answer :
 (A) with the children
 (B) with the principal
 (C) the teacher himself
 (D) None of these

Question Id : 102

Option Id
 102001
 102002
 102003
 102004

Right Answer :

the teacher himself

Right Option Id : 102003

Question 120

Characteristics of teacher centre method are-

Answer :
 (A) Formality
 (B) Teacher's sovereignty
 (C) Ignoring new technology
 (D) All of the above

Question Id : 104

Option Id
 104001
 104002
 104003
 104004

Right Answer :

All of the above

Right Option Id : 104004

Question 121

A good evaluation does not have-

Answer :
 (A) Validity
 (B) Reliability
 (C) Objectivity
 (D) Subjectivity

Question Id : 105

Option Id
 105001
 105002
 105003
 105004

Right Answer :

Subjectivity

Right Option Id : 105004**Question 122**

The Matriculation examination conducted by Bihar School Examination Board is of _____ type.

Answer :

- (A) External examination
- (B) Criterion referenced Evaluation
- (C) summative evaluation
- (D) All of the above

Question Id : 106

Option Id

- 106001
- 106002
- 106003
- 106004

Right Answer :

All of the above

Right Option Id : 106004**Question 123**

What type of evaluation is grading system?

Answer :

- (A) Absolute evaluation
- (B) Relative evaluation
- (C) Both of the above
- (D) None of the above

Question Id : 107

Option Id

- 107001
- 107002
- 107003
- 107004

Right Answer :

Both of the above

Right Option Id : 107003**Question 124**

The outline of the content is-

Answer :

- (A) Curriculum
- (B) Syllabus
- (C) Lesson
- (D) Unit

Question Id : 103

Option Id

- 103001
- 103002
- 103003
- 103004

Right Answer :

Syllabus

Right Option Id : 103002**Question 125**

Transmission of values, norms and beliefs conveyed in the classroom atmosphere is-

Answer :

- (A) Core curriculum
- (B) Hidden curriculum
- (C) Content Curriculum
- (D) None of the above

Question Id : 109

Option Id

- 109001
- 109002
- 109003
- 109004

Right Answer :

Hidden curriculum

Right Option Id : 109002**Question 126****Question Id : 110**

The psychological factor influencing Learning is -

Answer :

- (A) The salary of a teacher
- (B) The nature of subject
- (C) Caste of students
- (D) The interest of students

Option Id

- 110001
- 110002
- 110003
- 110004

Right Answer :

The interest of students

Right Option Id : 110004

Question 127

Teaching Learning process is from

Answer :

- (A) simple to complex
- (B) concrete to Abstract
- (C) Known to unknown
- (D) All the above

Question Id : 111

Option Id

- 111001
- 111002
- 111003
- 111004

Right Answer :

All the above

Right Option Id : 111004

Question 128

Which of these is not a factor affecting teaching-learning

Answer :

- (A) Maturity
- (B) Readiness
- (C) level of aspiration
- (D) Geographical boundary

Question Id : 112

Option Id

- 112001
- 112002
- 112003
- 112004

Right Answer :

Geographical boundary

Right Option Id : 112004

Question 129

Mnemonics is-

Answer :

- (A) Theoretical Teaching aid
- (B) Visual teaching aid
- (C) Memory teaching aid
- (D) All of the above

Question Id : 113

Option Id

- 113001
- 113002
- 113003
- 113004

Right Answer :

Memory teaching aid

Right Option Id : 113003

Question 130

Benefits of hands-on-learning are

Answer :

- (A) To learn new skills
- (B) Encourages interaction with nature

Question Id : 114

Option Id

- 114001
- 114002

(C) Both of the above
 (D) None of the above

114003
 114004

Right Answer :
 Both of the above

Right Option Id : 114003

Other Skills

Question 131

Who were associated with the Indian league established in 1875 in Calcutta (now Kolkata) ?

Answer :

(A) Sisir Kumar Ghosh and Arvindo Ghosh
 (B) Kali Mohan Das and Arvindo Ghosh
 (C) Sisir Kumar Ghosh and Sambhu Charan Mukherjee
 (D) None of these

Question Id : 149

Option Id
 149001
 149002
 149003
 149004

Right Answer :
 Sisir Kumar Ghosh and Sambhu Charan Mukherjee

Right Option Id : 149003

Question 132

Which is the only state in India producing muga silk ?

Answer :

(A) Assam
 (B) Bihar
 (C) Orissa
 (D) West Bengal

Question Id : 148

Option Id
 148001
 148002
 148003
 148004

Right Answer :
 Assam

Right Option Id : 148001

Question 133

Which among the following is the effect of currency devaluation?

Answer :

(A) Increase in imports
 (B) decrease in inflation
 (C) increase in exports
 (D) None of the above

Question Id : 147

Option Id
 147001
 147002
 147003
 147004

Right Answer :
 increase in exports

Right Option Id : 147003

Question 134

I It was the first India's Civil Disobedience movement launched by Mahatma Gandhi.

II. It was a protest against the injustice meted out to tenant farmers in Champaran district of Bihar. Which of the above statement(s) is/are correct about Champaran Satyagraha?

Answer :

(A) Only I
 (B) Only II
 (C) Both I and II
 (D) Neither I nor II

Question Id : 146

Option Id
 146001
 146002
 146003

146004
Right Answer :

Both I and II

Right Option Id : 146003**Question 135**

Which Union Ministry conducted the 'Mother Tongue Survey of India (MTSI)'?

Answer :

- (A) Ministry of Education
- (B) Ministry of Home Affairs
- (C) Ministry of Culture
- (D) Ministry of External Affairs

Question Id : 145

Option Id

- 145001
- 145002
- 145003
- 145004

Right Answer :

Ministry of Home Affairs

Right Option Id : 145002**Question 136**

Which of the following gasses are called Greenhouse gasses?

Answer :

- (A) Methane
- (B) Nitrogen
- (C) Carbon dioxide
- (D) Both a and c

Question Id : 144

Option Id

- 144001
- 144002
- 144003
- 144004

Right Answer :

Both a and c

Right Option Id : 144004**Question 137**

How many main components are there in integrated waste management?

Answer :

- (A) Two
- (B) Three
- (C) Seven
- (D) Eleven

Question Id : 143

Option Id

- 143001
- 143002
- 143003
- 143004

Right Answer :

Two

Right Option Id : 143001**Question 138**

Which type of farming causes more deforestation?

Answer :

- (A) Subsistence farming
- (B) Commercial farming
- (C) Mixed farming
- (D) Dairy farming

Question Id : 142

Option Id

- 142001
- 142002
- 142003
- 142004

Right Answer :

Subsistence farming

Right Option Id : 142001

Question 139

The El-Nino Phenomenon occurs in

Answer :

- (A) Atlantic Ocean
- (B) Pacific Ocean
- (C) Indian Ocean
- (D) Arctic Ocean

Right Answer :

Pacific Ocean

Question Id : 141

Option Id

- 141001
- 141002
- 141003
- 141004

Right Option Id : 141002

Question 140

The Gangetic dolphin belongs to which of the following categories of fauna?

Answer :

- (A) Endangered species
- (B) Vulnerable species
- (C) Rare species
- (D) Extinct species

Right Answer :

Vulnerable species

Question Id : 131

Option Id

- 131001
- 131002
- 131003
- 131004

Right Option Id : 131002

Question 141

Of the 20 cycles sold by Ajay, average cost of 12 cycles is Rs. 18000. In total he earned Rs. 300000. What was the average cost of remaining cycles?

Answer :

- (A) Rs. 10500
- (B) Rs. 7500
- (C) Rs. 9125
- (D) Rs. 9750

Right Answer :

Rs. 10500

Question Id : 139

Option Id

- 139001
- 139002
- 139003
- 139004

Right Option Id : 139001

Question 142

Calculate the compound interest on Rs. 4000 for 2 years at 20% per annum when compounded annually.

Answer :

- (A) 1856.4
- (B) 1756.4
- (C) 1846.4
- (D) 1746.4

Right Answer :

1856.4

Question Id : 138

Option Id

- 138001
- 138002
- 138003
- 138004

Right Option Id : 138001

Question 143

$11.71 - 0.86 + 1.78 - 9.20 = ?$

Answer :

- (A) 2.43

Question Id : 137

Option Id

- 137001

(B) 2.45
(C) 3.13
(D) 3.43

137002
 137003
 137004

Right Answer :

3.43

Right Option Id : 137004

Question 144

The sum of two numbers is 156 and their HCF is 13. The numbers of such number pairs is

Answer :

(A) 2
(B) 5
(C) 4
(D) 3

Question Id : 136

Option Id
 136001
 136002
 136003
 136004

Right Answer :

2

Right Option Id : 136001

Question 145

50 If the height of the building and distance from the building foot's to a point is increased by 20%, then the angle of elevation on the top of the building:

Answer :

(A) Increases
(B) Decreases
(C) Do not change
(D) None of the above

Question Id : 135

Option Id
 135001
 135002
 135003
 135004

Right Answer :

Do not change

Right Option Id : 135003

Question 146

Umbrage : Offense :: Elation : ?

Answer :

(A) Decoration
(B) Penance
(C) Jubilance
(D) Meaning

Question Id : 134

Option Id
 134001
 134002
 134003
 134004

Right Answer :

Jubilance

Right Option Id : 134003

Question 147

Choose the word which is least like the other words in the group

Answer :

(A) Fir
(B) Tail
(C) Trunk
(D) Feather

Question Id : 133

Option Id
 133001
 133002
 133003
 133004

Right Answer :

Fir

Right Option Id : 133001**Question 148**

7,11,13,17, 19, __

Answer :

(A) 21

(B) 29

(C) 23

(D) 31

Question Id : 132

Option Id

 132001 132002 132003 132004**Right Answer :**

23

Right Option Id : 132003**Question 149**

If SPIDER is written as PSDIRE in a certain code, how would COMMON be written in that code?

Answer :

(A) OCMMON

(B) OCMOMN

(C) OCMMNO

(D) OCOMMO

Question Id : 140

Option Id

 140001 140002 140003 140004**Right Answer :**

OCMMNO

Right Option Id : 140003**Question 150**

Introducing a man, a woman said, "His wife is the only daughter of my father". How is that man related to the woman?

Answer :

(A) Brother

(B) Father-in-law

(C) Maternal Uncle

(D) Husband

Question Id : 150

Option Id

 150001 150002 150003 150004**Right Answer :**

Husband

Right Option Id : 150004