



बिहार विद्यालय परीक्षा समिति BIHAR SCHOOL EXAMINATION BOARD

Exam Name	STET Exam 2025
Paper	Paper II
Roll No	2571005540
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Test Date	03/11/2025
Test Time	9:00 AM - 11:30 AM

Section : Part I Computer Science(226)

Q.1 What is the typical operating voltage range for TTL logic family?

- Ans A. 1.8 V to 3.3 V
 B. 3.3 V to 5.0 V
 C. 5.0 V to 12 V
 D. -5.0 V to 5.0 V

Question Type : MCQ
Question ID : 4335766037
Option 1 ID : 43357624145
Option 2 ID : 43357624146
Option 3 ID : 43357624147
Option 4 ID : 43357624148
Status : Answered
Chosen Option : C

Q.2 The data structure used to represent the allocation status of main memory is known as:

- Ans A. Page table
 B. File allocation table
 C. Memory map
 D. Memory management unit

Question Type : MCQ
Question ID : 4335766141
Option 1 ID : 43357624561
Option 2 ID : 43357624562
Option 3 ID : 43357624563
Option 4 ID : 43357624564
Status : Answered
Chosen Option : B

Q.3 What is the purpose of ARP (Address Resolution Protocol)?

- Ans A. To assign IP addresses to devices
 B. To resolve domain names to IP addresses
 C. To map MAC addresses to IP addresses
 D. To manage network congestion

Question Type : MCQ

Question ID : 4335766186

Option 1 ID : 43357624741

Option 2 ID : 43357624742

Option 3 ID : 43357624743

Option 4 ID : 43357624744

Status : Answered

Chosen Option : A

Q.4 In Excess-3 Code, why is the code considered self-complementing?

- Ans A. Because it can be converted to ASCII directly
 B. Because the 9's complement of each digit can be obtained by inverting its bits
 C. Because it is used for financial calculations
 D. Because it is a form of Gray code

Question Type : MCQ

Question ID : 4335766052

Option 1 ID : 43357624205

Option 2 ID : 43357624206

Option 3 ID : 43357624207

Option 4 ID : 43357624208

Status : Answered

Chosen Option : D

Q.5 Which principle ensures that only essential information is visible to the outside world?

- Ans A. Polymorphism
 B. Information hiding
 C. Encapsulation
 D. Abstraction

Question Type : MCQ

Question ID : 4335766237

Option 1 ID : 43357624945

Option 2 ID : 43357624946

Option 3 ID : 43357624947

Option 4 ID : 43357624948

Status : Answered

Chosen Option : D

Q.6 The maximum length (in bytes) of an IPv4 datagram is:

- Ans A. 32
 B. 256
 C. 1024
 D. 65535

Question Type : MCQ

Question ID : 4335766200

Option 1 ID : 43357624797

Option 2 ID : 43357624798

Option 3 ID : 43357624799

Option 4 ID : 43357624800

Status : Answered

Chosen Option : D

Q.7 Which implementation of a stack requires a fixed amount of memory allocated for a fixed number of elements?

- Ans A. Array implementation
 B. Linked implementation
 C. Dynamic implementation
 D. Static implementation

Question Type : MCQ

Question ID : 4335766108

Option 1 ID : 43357624429

Option 2 ID : 43357624430

Option 3 ID : 43357624431

Option 4 ID : 43357624432

Status : Answered

Chosen Option : B

Q.8 Which of the following is not a limitation of file system?

- Ans A. Data Redundancy
 B. Data Inconsistency
 C. Data dependence
 D. Storing Space

Question Type : MCQ

Question ID : 4335765982

Option 1 ID : 43357623925

Option 2 ID : 43357623926

Option 3 ID : 43357623927

Option 4 ID : 43357623928

Status : Answered

Chosen Option : A

Q.9 Which testing approach involves testing individual components or units of code?

- Ans A. Integration Testing
 B. System Testing
 C. Unit Testing
 D. Acceptance Testing

Question Type : MCQ

Question ID : 4335766209

Option 1 ID : 43357624833

Option 2 ID : 43357624834

Option 3 ID : 43357624835

Option 4 ID : 43357624836

Status : Answered

Chosen Option : C

Q.10 What is CRUD an acronym for in database operations?

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

Question Type : MCQ

Question ID : 4335766281

Option 1 ID : 43357625121

Option 2 ID : 43357625122

Option 3 ID : 43357625123

Option 4 ID : 43357625124

Status : Answered

Chosen Option : A

Q.11 If NFA of 5 states excluding the initial state is converted into DFA, maximum possible number of states for the DFA is?

- Ans A. 64
 B. 32
 C. 128
 D. 187

Question Type : MCQ

Question ID : 4335766298

Option 1 ID : 43357625189

Option 2 ID : 43357625190

Option 3 ID : 43357625191

Option 4 ID : 43357625192

Status : Answered

Chosen Option : A

Q.12 Which among the following search algorithm requires least memory?

- Ans A. Optimal Search
 B. Linear Search
 C. DFS
 D. BFS

Question Type : MCQ

Question ID : 4335766361

Option 1 ID : 43357625441

Option 2 ID : 43357625442

Option 3 ID : 43357625443

Option 4 ID : 43357625444

Status : Answered

Chosen Option : A

Q.13 A text file song .txt contains the following contents in it:

Life goes on as it never ends

What will be the output of the following code snippet?

```
f1 = open ("song.txt", "r")
s1 = f1.read (5)
s2 = f1.readline (4)
s3 = f1.read (3)
print (s1, s3, sep = "#")
```

- Ans A. goes # on
 B. Life #goes # on
 C. Life # on
 D. Error

Question Type : MCQ

Question ID : 4335766455

Option 1 ID : 43357625817

Option 2 ID : 43357625818

Option 3 ID : 43357625819

Option 4 ID : 43357625820

Status : Answered

Chosen Option : D

Q.14 Which of the following is not a Web Service ?

- Ans A. Using Diksha learning portal
 B. Sending and receiving email
 C. File transfer over Bluetooth
 D. Using a banking portal for online transaction

Question Type : MCQ

Question ID : 4335766466

Option 1 ID : 43357625861

Option 2 ID : 43357625862

Option 3 ID : 43357625863

Option 4 ID : 43357625864

Status : Answered

Chosen Option : C

Q.15 What is the purpose of staffing level estimation in software project management?

- Ans A. To determine the number of hardware components required
 B. To identify potential risks in the project
 C. To allocate appropriate resources to the project
 D. To estimate the maintenance costs of the software

Question Type : **MCQ**

Question ID : **4335766216**

Option 1 ID : **43357624861**

Option 2 ID : **43357624862**

Option 3 ID : **43357624863**

Option 4 ID : **43357624864**

Status : **Answered**

Chosen Option : **D**

Q.16 Which ZigBee device is used to transfer data between ZigBee devices?

- Ans A. Zigbee Coordinator device
 B. Zigbee Router
 C. Zigbee start device
 D. Zigbee end device

Question Type : **MCQ**

Question ID : **4335766337**

Option 1 ID : **43357625345**

Option 2 ID : **43357625346**

Option 3 ID : **43357625347**

Option 4 ID : **43357625348**

Status : **Answered**

Chosen Option : **B**

Q.17 In OOP, what does the term "method signature" refer to?

- Ans A. The name of the method
 B. The return type of the method
 C. The parameters of the method
 D. The combination of method name and parameter types

Question Type : **MCQ**

Question ID : **4335766247**

Option 1 ID : **43357624985**

Option 2 ID : **43357624986**

Option 3 ID : **43357624987**

Option 4 ID : **43357624988**

Status : **Answered**

Chosen Option : **C**

Q.18 What is the main purpose of inheritance in OOP?

- Ans A. To create instances of classes
 B. To prevent data abstraction
 C. To establish a parent-child relationship between classes
 D. To define exceptions

Question Type : **MCQ**

Question ID : **4335766240**

Option 1 ID : **43357624957**

Option 2 ID : **43357624958**

Option 3 ID : **43357624959**

Option 4 ID : **43357624960**

Status : **Answered**

Chosen Option : **C**

Q.19 Which of the following provides the ability to query information from the database and insert tuples into, delete tuples from, and modify tuples in the database?

- Ans A. DML (Data Manipulation Language)
 B. DDL (Data Definition Language)
 C. Query
 D. Relational Schema

Question Type : **MCQ**

Question ID : **4335766156**

Option 1 ID : **43357624621**

Option 2 ID : **43357624622**

Option 3 ID : **43357624623**

Option 4 ID : **43357624624**

Status : **Answered**

Chosen Option : **A**

Q.20 The kernel operates in a privileged mode, also known as:

- Ans A. User mode
 B. Debug mode
 C. Supervisor mode
 D. Interrupt mode

Question Type : **MCQ**

Question ID : **4335766142**

Option 1 ID : **43357624565**

Option 2 ID : **43357624566**

Option 3 ID : **43357624567**

Option 4 ID : **43357624568**

Status : **Answered**

Chosen Option : **C**

Q.21 In an ideal microcomputer, where is the Arithmetic Logic Unit (ALU) located?

- Ans A. CPU
 B. Memory
 C. Input devices
 D. Output devices

Question Type : MCQ

Question ID : 4335766054

Option 1 ID : 43357624213

Option 2 ID : 43357624214

Option 3 ID : 43357624215

Option 4 ID : 43357624216

Status : Answered

Chosen Option : A

Q.22 Which of the following networking devices is used to regenerate and transmit the weakened signal ahead ?

- Ans A. Hub
 B. Ethernet Card
 C. Repeater
 D. Modern

Question Type : MCQ

Question ID : 4335766445

Option 1 ID : 43357625777

Option 2 ID : 43357625778

Option 3 ID : 43357625779

Option 4 ID : 43357625780

Status : Answered

Chosen Option : C

Q.23 What does the DOM represent in web development?

- Ans A. Database of Objects and Models
 B. Document Oriented Middleware
 C. Data Object Model
 D. Document Object Model

Question Type : MCQ

Question ID : 4335766266

Option 1 ID : 43357625061

Option 2 ID : 43357625062

Option 3 ID : 43357625063

Option 4 ID : 43357625064

Status : Answered

Chosen Option : D

Q.24 The length of an IPv6 address is:

- Ans A. 32 bits
 B. 64 bits
 C. 128 bits
 D. 256 bits

Question Type : MCQ

Question ID : 4335766199

Option 1 ID : 43357624793

Option 2 ID : 43357624794

Option 3 ID : 43357624795

Option 4 ID : 43357624796

Status : Answered

Chosen Option : C

Q.25 A website or online platform where individuals or groups regularly publish written content, typically in a reverse chronological order is known as :

- Ans A. News Group
 B. Blog
 C. Chat Group
 D. Social Networking

Question Type : MCQ

Question ID : 4335766468

Option 1 ID : 43357625869

Option 2 ID : 43357625870

Option 3 ID : 43357625871

Option 4 ID : 43357625872

Status : Answered

Chosen Option : C

Q.26 Which of the following protocol is used for secure remote login ?

- Ans A. FTP
 B. HTTPS
 C. TELNET
 D. HTTP

Question Type : MCQ

Question ID : 4335766019

Option 1 ID : 43357624073

Option 2 ID : 43357624074

Option 3 ID : 43357624075

Option 4 ID : 43357624076

Status : Answered

Chosen Option : C

Q.27 What is the term for a condition that occurs during program execution that disrupts the normal flow of instructions?

- Ans A. Abstraction
 B. Inheritance
 C. Exception
 D. Encapsulation

Question Type : MCQ

Question ID : 4335766254

Option 1 ID : 43357625013

Option 2 ID : 43357625014

Option 3 ID : 43357625015

Option 4 ID : 43357625016

Status : Answered

Chosen Option : C

Q.28 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:

- Ans A. Index = B + (i * n + j)
 B. Index = B + (j * n + i)
 C. Index = B + (i + j)
 D. Index = B + (i * m + j)

Question Type : MCQ

Question ID : 4335766119

Option 1 ID : 43357624473

Option 2 ID : 43357624474

Option 3 ID : 43357624475

Option 4 ID : 43357624476

Status : Answered

Chosen Option : D

Q.29 Ginni has created a table, SCORES in MySQL to store runs scored by players in a cricket match. The table contains the following records:

Table : Scores

PLAYER SCORE

Ranveer 50

Sukesh 35

Mirza 10

John 51

Murugan 70

Which of the following statements will give 10 as output?

Ans A. SELECT MAX (Score) FROM Scores;

B. SELECT MIN (Score) FROM Scores;

C. SELECT SUM (Score) FROM Scores;

D. SELECT AVG (Score) FROM Scores;

Question Type : MCQ

Question ID : 4335766459

Option 1 ID : 43357625833

Option 2 ID : 43357625834

Option 3 ID : 43357625835

Option 4 ID : 43357625836

Status : Answered

Chosen Option : B

Q.30 What is MISO pin in the RFID Module?

Ans A. Master In Slave Out

B. Manage Internal Slave Output

C. Master Internal Search Optimization

D. Manage Input Slave Op

Question Type : MCQ

Question ID : 4335766333

Option 1 ID : 43357625329

Option 2 ID : 43357625330

Option 3 ID : 43357625331

Option 4 ID : 43357625332

Status : Answered

Chosen Option : C

Q.31 SQL applies conditions on the groups through.....clause after groups have been formed.

- Ans A. where
 B. having
 C. new
 D. all

Question Type : MCQ
Question ID : 4335765983
Option 1 ID : 43357623929
Option 2 ID : 43357623930
Option 3 ID : 43357623931
Option 4 ID : 43357623932
Status : Answered
Chosen Option : A

Q.32 Which of the following is the base case for a recursive factorial function?

- Ans A. $n == 0$
 B. $n == 1$
 C. $n < 0$
 D. $n > 0$

Question Type : MCQ
Question ID : 4335766114
Option 1 ID : 43357624453
Option 2 ID : 43357624454
Option 3 ID : 43357624455
Option 4 ID : 43357624456
Status : Answered
Chosen Option : B

Q.33 In the Divide and Conquer algorithm for finding the maximum and minimum elements, how are the results from the left and right subarrays combined?

- Ans A. By taking the average of the maximum and minimum values
 B. By comparing the maximum of the left and right subarrays and the minimum of the left and right subarrays
 C. By adding the maximum of the left subarray to the minimum of the right subarray
 D. By multiplying the maximum of the left subarray with the minimum of the right subarray

Question Type : MCQ
Question ID : 4335766092
Option 1 ID : 43357624365
Option 2 ID : 43357624366
Option 3 ID : 43357624367
Option 4 ID : 43357624368
Status : Answered
Chosen Option : C

Q.34 Even with two-factor authentication, users may still be vulnerable to _____ attacks

- Ans A. Scripting
 B. Cross attack
 C. Man-in-the-middle
 D. Radiant

Question Type : MCQ

Question ID : 4335766352

Option 1 ID : 43357625405

Option 2 ID : 43357625406

Option 3 ID : 43357625407

Option 4 ID : 43357625408

Status : Answered

Chosen Option : A

Q.35 Stealing someone's intellectual work and representing it as your own is known as

- Ans A. Fraud
 B. Identity Theft
 C. Online Stealing
 D. Plagiarism

Question Type : MCQ

Question ID : 4335766007

Option 1 ID : 43357624025

Option 2 ID : 43357624026

Option 3 ID : 43357624027

Option 4 ID : 43357624028

Status : Answered

Chosen Option : D

Q.36 Private Key cryptography is also known as -----cryptography.

- Ans A. Private key
 B. Symetric
 C. Asymetric
 D. None of the above

Question Type : MCQ

Question ID : 4335766388

Option 1 ID : 43357625549

Option 2 ID : 43357625550

Option 3 ID : 43357625551

Option 4 ID : 43357625552

Status : Answered

Chosen Option : B

Q.37 A problem is said to be in NP if:

- Ans A. Its solution can be verified in polynomial time
 B. It can be solved using a non-deterministic algorithm
 C. It is not solvable
 D. It has exponential complexity

Question Type : MCQ

Question ID : 4335766081

Option 1 ID : 43357624321

Option 2 ID : 43357624322

Option 3 ID : 43357624323

Option 4 ID : 43357624324

Status : Answered

Chosen Option : B

Q.38 What is the time complexity of the Divide and Conquer algorithm for finding the maximum and minimum elements in an array of size "n"?

- Ans A. O(n)
 B. O(log n)
 C. O(n log n)
 D. O(n^2)

Question Type : MCQ

Question ID : 4335766091

Option 1 ID : 43357624361

Option 2 ID : 43357624362

Option 3 ID : 43357624363

Option 4 ID : 43357624364

Status : Answered

Chosen Option : C

Q.39 The Internet of Things (IoT), access to real-time data, and the introduction of cyber-physical systems mark the big changes for this era.

- Ans A. Industrial Revolution
 B. 3rd Industrial Revolution
 C. Industry 4.0
 D. Manufacturing automation

Question Type : MCQ

Question ID : 4335766340

Option 1 ID : 43357625357

Option 2 ID : 43357625358

Option 3 ID : 43357625359

Option 4 ID : 43357625360

Status : Answered

Chosen Option : D

Q.40 Communication over mobile phone is an example of which type of communication mode?

- Ans A. Simplex
 B. Half - Duplex
 C. Full - Duplex
 D. Double - Duplex

Question Type : MCQ

Question ID : 4335765984

Option 1 ID : 43357623933

Option 2 ID : 43357623934

Option 3 ID : 43357623935

Option 4 ID : 43357623936

Status : Answered

Chosen Option : C

Q.41 Which among the following was the first web browser ?

- Ans A. Internet Explorer
 B. Mosaic
 C. Google Chrome
 D. Opera

Question Type : MCQ

Question ID : 4335766006

Option 1 ID : 43357624021

Option 2 ID : 43357624022

Option 3 ID : 43357624023

Option 4 ID : 43357624024

Status : Answered

Chosen Option : A

Q.42 The "inode" in a Unix-like file system is used to:

- Ans A. Store the contents of the file
 B. Store the file's name and location
 C. Store the attributes and metadata of the file
 D. Store the directory structure of the file system

Question Type : MCQ

Question ID : 4335766125

Option 1 ID : 43357624497

Option 2 ID : 43357624498

Option 3 ID : 43357624499

Option 4 ID : 43357624500

Status : Answered

Chosen Option : B

Q.43 File manipulation operations in an operating system include:

- Ans A. Allocating memory to files
 B. Assigning file names to processes
 C. Loading files into CPU registers
 D. Reading, writing, and modifying file content

Question Type : MCQ

Question ID : 4335766126

Option 1 ID : 43357624501

Option 2 ID : 43357624502

Option 3 ID : 43357624503

Option 4 ID : 43357624504

Status : Answered

Chosen Option : C

Q.44 How is the width of the data bus typically measured in a microcomputer system?

- Ans A. In kilobytes (KB)
 B. In megahertz (MHz)
 C. In bits
 D. In address lines

Question Type : MCQ

Question ID : 4335766055

Option 1 ID : 43357624217

Option 2 ID : 43357624218

Option 3 ID : 43357624219

Option 4 ID : 43357624220

Status : Answered

Chosen Option : D

Q.45 Which of the following refers to creating products tailored to individual customers?

- Ans A. Customization
 B. Adaptation
 C. Direct material
 D. Auction

Question Type : MCQ

Question ID : 4335766382

Option 1 ID : 43357625525

Option 2 ID : 43357625526

Option 3 ID : 43357625527

Option 4 ID : 43357625528

Status : Answered

Chosen Option : D

Q.46 The protocol that is used to send e-mails is _____.

- Ans A. HTTP
 B. POP
 C. SMTP
 D. FTP

Question Type : MCQ

Question ID : 4335766295

Option 1 ID : 43357625177

Option 2 ID : 43357625178

Option 3 ID : 43357625179

Option 4 ID : 43357625180

Status : Answered

Chosen Option : C

Q.47 What is the POS form of the Boolean expression $F(A, B, C) = \Pi(1, 2, 4, 6)$?

- Ans A. $(A + B + C')(A + B' + C)(A' + B + C)$
 B. $(A' + B + C)(A' + B + C)$
 C. $(A' + B + C')(A + B + C')(A' + B + C)$
 D. $(A + B' + C)(A + B' + C)(A' + B + C)$

Question Type : MCQ

Question ID : 4335766030

Option 1 ID : 43357624117

Option 2 ID : 43357624118

Option 3 ID : 43357624119

Option 4 ID : 43357624120

Status : Answered

Chosen Option : A

Q.48 What is the term for the ability of a class to provide different implementations of a method based on the input parameters?

- Ans A. Overloading
 B. Polymorphism
 C. Inheritance
 D. Encapsulation

Question Type : MCQ

Question ID : 4335766249

Option 1 ID : 43357624993

Option 2 ID : 43357624994

Option 3 ID : 43357624995

Option 4 ID : 43357624996

Status : Answered

Chosen Option : A

Q.49 A Language for which DFA exist is a_____

Ans A. Regular Language

B. Non-Regular Language

C. Any language

D. Cannot be said

Question Type : MCQ

Question ID : 4335766289

Option 1 ID : 43357625153

Option 2 ID : 43357625154

Option 3 ID : 43357625155

Option 4 ID : 43357625156

Status : Answered

Chosen Option : A

Q.50 The advantage of using an expert system development tool is_____?

Ans A. imposed structure

B. knowledge engineering assistance

C. rapid prototyping

D. all of the mentioned

Question Type : MCQ

Question ID : 4335766374

Option 1 ID : 43357625493

Option 2 ID : 43357625494

Option 3 ID : 43357625495

Option 4 ID : 43357625496

Status : Answered

Chosen Option : C

Q.51 What does I stands for in CIA

Ans A. Indian

B. Individual

C. Income

D. Integrity

Question Type : MCQ

Question ID : 4335766394

Option 1 ID : 43357625573

Option 2 ID : 43357625574

Option 3 ID : 43357625575

Option 4 ID : 43357625576

Status : Answered

Chosen Option : D

Q.52 Which of the following operator evaluates to True if the variable on either side of the operator points towards the same memory location and False otherwise ?

- Ans A. is
 B. is not
 C. and
 D. or

Question Type : MCQ
Question ID : 4335766436
Option 1 ID : 43357625741
Option 2 ID : 43357625742
Option 3 ID : 43357625743
Option 4 ID : 43357625744
Status : Answered
Chosen Option : B

Q.53 Where will the Hill Climbing Algorithm terminate?

- Ans A. Stopping Criterion met
 B. Global Min/Max is achieved
 C. No neighbor has higher value
 D. All of the above

Question Type : MCQ
Question ID : 4335766365
Option 1 ID : 43357625457
Option 2 ID : 43357625458
Option 3 ID : 43357625459
Option 4 ID : 43357625460
Status : Answered
Chosen Option : A

Q.54 What is the output of the following expression?

```
Sports = "Paralympic Games"  
print ( Sports. Split ( "m") )
```

Ans A. ['Paraly', 'm', 'pic Ga', 'm', 'es']
 B. ('Paraly', 'm', 'pic Games')
 C. ('Paraly', 'pic Ga', 'es')
 D. ['Paraly', 'pic Ga', 'es']

Question Type : MCQ
Question ID : 4335766451
Option 1 ID : 43357625801
Option 2 ID : 43357625802
Option 3 ID : 43357625803
Option 4 ID : 43357625804
Status : Answered
Chosen Option : B

Q.55 Microcontrollers find application in various fields. What is a typical application of microcontrollers in the automotive industry?

- Ans A. Operating systems for computers
 B. Entertainment systems in airplanes
 C. Engine control in cars
 D. Weather forecasting systems

Question Type : MCQ
Question ID : 4335766057
Option 1 ID : 43357624225
Option 2 ID : 43357624226
Option 3 ID : 43357624227
Option 4 ID : 43357624228
Status : Answered
Chosen Option : D

Q.56 The term "FAT" is stands for_____

- Ans A. File Allocation Tree
 B. File Allocation Table
 C. File Allocation Graph
 D. All of the above

Question Type : MCQ
Question ID : 4335766163
Option 1 ID : 43357624649
Option 2 ID : 43357624650
Option 3 ID : 43357624651
Option 4 ID : 43357624652
Status : Answered
Chosen Option : B

Q.57 What is the purpose of a constructor in OOP?

- Ans A. To destroy objects
 B. To create instances of abstract classes
 C. To initialize object properties
 D. To define abstract methods

Question Type : MCQ
Question ID : 4335766243
Option 1 ID : 43357624969
Option 2 ID : 43357624970
Option 3 ID : 43357624971
Option 4 ID : 43357624972
Status : Answered
Chosen Option : C

Q.58 In OOP, what is method overloading?

- Ans A. Creating multiple constructors
 B. Using multiple inheritance
 C. Defining multiple methods with the same name but different parameters
 D. Inheriting multiple methods from a parent class

Question Type : **MCQ**

Question ID : **4335766239**

Option 1 ID : **43357624953**

Option 2 ID : **43357624954**

Option 3 ID : **43357624955**

Option 4 ID : **43357624956**

Status : **Answered**

Chosen Option : **C**

Q.59 What is the primary role of the memory-mapped I/O technique in a microcontroller?

- Ans A. It increases the speed of program execution
 B. It provides additional memory space for data storage
 C. It allows external devices to access the microcontroller's memory
 D. It eliminates the need for I/O operations

Question Type : **MCQ**

Question ID : **4335766059**

Option 1 ID : **43357624233**

Option 2 ID : **43357624234**

Option 3 ID : **43357624235**

Option 4 ID : **43357624236**

Status : **Answered**

Chosen Option : **C**

Q.60 In 3G and 4G mobile technologies, the character 'G' stands for :

- Ans A. Generation
 B. GPRS
 C. Grid
 D. Google

Question Type : **MCQ**

Question ID : **4335766467**

Option 1 ID : **43357625865**

Option 2 ID : **43357625866**

Option 3 ID : **43357625867**

Option 4 ID : **43357625868**

Status : **Answered**

Chosen Option : **A**

Q.61 Context switching in an operating system refers to the process of:

- Ans A. Switching between user and kernel modes
 B. Switching between processes to allow multitasking
 C. Switching between different file systems
 D. Switching between different operating systems

Question Type : MCQ

Question ID : 4335766140

Option 1 ID : 43357624557

Option 2 ID : 43357624558

Option 3 ID : 43357624559

Option 4 ID : 43357624560

Status : Answered

Chosen Option : A

Q.62 Contention-based MAC protocols are commonly used in:

- Ans A. Ethernet networks
 B. Token Ring networks
 C. ATM networks
 D. Point-to-Point networks

Question Type : MCQ

Question ID : 4335766183

Option 1 ID : 43357624729

Option 2 ID : 43357624730

Option 3 ID : 43357624731

Option 4 ID : 43357624732

Status : Answered

Chosen Option : A

Q.63 What is a NoSQL database?

- Ans A. A NoSQL database is a database that does not use the relational model.
 B. A No SQL database is a database that is not managed by a DBMS.
 C. A No SQL database is a database that is not stored on a physical device.
 D. All of the above.

Question Type : MCQ

Question ID : 4335766480

Option 1 ID : 43357625917

Option 2 ID : 43357625918

Option 3 ID : 43357625919

Option 4 ID : 43357625920

Status : Answered

Chosen Option : D

Q.64 What is the difference between a website and a web page?

Ans A. A website is a collection of web pages, while a web page is a single document that is displayed on the web.

- B. A website is a software program, while a web page is a hardware device.
- C. A website is a physical object, while a web page is a logical object.
- D. All of the above.

Question Type : MCQ

Question ID : 4335766164

Option 1 ID : 43357624653

Option 2 ID : 43357624654

Option 3 ID : 43357624655

Option 4 ID : 43357624656

Status : Answered

Chosen Option : A

Q.65 Which attribute of the tag is used to set the background color of a web page ?

Ans A. text

B. bgcolor

C. background

D. color

Question Type : MCQ

Question ID : 4335766020

Option 1 ID : 43357624077

Option 2 ID : 43357624078

Option 3 ID : 43357624079

Option 4 ID : 43357624080

Status : Answered

Chosen Option : B

Q.66 Which of the following is the first and foremost step in Image Processing?

Ans A. Image acquisition

B. Segmentation

C. Image enhancement

D. Image restoration

Question Type : MCQ

Question ID : 4335766415

Option 1 ID : 43357625657

Option 2 ID : 43357625658

Option 3 ID : 43357625659

Option 4 ID : 43357625660

Status : Answered

Chosen Option : A

Q.67data type is used to implement Queue data structure in Python.

- Ans A. Sets
 B. Dictionary
 C. Tuple
 D. List

Question Type : MCQ

Question ID : 4335765991

Option 1 ID : 43357623961

Option 2 ID : 43357623962

Option 3 ID : 43357623963

Option 4 ID : 43357623964

Status : Answered

Chosen Option : D

Q.68 _____ offers the ability to query the data and insert, alter, and delete tuples.

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

Question Type : MCQ

Question ID : 4335766167

Option 1 ID : 43357624665

Option 2 ID : 43357624666

Option 3 ID : 43357624667

Option 4 ID : 43357624668

Status : Answered

Chosen Option : C

Q.69 Which of the following is the correct identifier ?

- Ans A. global
 B. Break
 C. def
 D. with

Question Type : MCQ

Question ID : 4335766433

Option 1 ID : 43357625729

Option 2 ID : 43357625730

Option 3 ID : 43357625731

Option 4 ID : 43357625732

Status : Answered

Chosen Option : A

Q.70 A PDA chooses the next move based on

- Ans A. Current state
 B. Next input symbol
 C. Both (a) and (b)
 D. None of these

Question Type : MCQ

Question ID : 4335766304

Option 1 ID : 43357625213

Option 2 ID : 43357625214

Option 3 ID : 43357625215

Option 4 ID : 43357625216

Status : Answered

Chosen Option : B

Q.71 The class of CFG is not closed under----

- Ans A. Concatenation
 B. Intersection
 C. Union
 D. Repeated Concatenation.

Question Type : MCQ

Question ID : 4335766300

Option 1 ID : 43357625197

Option 2 ID : 43357625198

Option 3 ID : 43357625199

Option 4 ID : 43357625200

Status : Answered

Chosen Option : D

Q.72 Which of the following attributes is not a valid attribute of the tag in HTML ?

- Ans A. text
 B. background
 C. bgcolor
 D. width

Question Type : MCQ

Question ID : 4335766423

Option 1 ID : 43357625689

Option 2 ID : 43357625690

Option 3 ID : 43357625691

Option 4 ID : 43357625692

Status : Answered

Chosen Option : B

Q.73 Consider the statements given below and then choose the correct output from the given options :

```
def Change (N) :  
    N=N+10  
    print (N , end= '$$')  
    N=15  
    Change (N)  
    print (N)
```

Ans A. 25\$\$15

B. 15\$\$25

C. 25\$\$25

D. 2525\$\$

Question Type : MCQ

Question ID : 4335766439

Option 1 ID : 43357625753

Option 2 ID : 43357625754

Option 3 ID : 43357625755

Option 4 ID : 43357625756

Status : Answered

Chosen Option : B

Q.74 The range of numbers that can be represented in an n-bit 1's complement system is from:

Ans A. $-2^{(n-1)}$ to $2^{(n-1)} - 1$

B. 0 to $2^n - 1$

C. $-2^{(n-1)}$ to $2^{(n-1)}$

D. -2^n to $2^n - 1$

Question Type : MCQ

Question ID : 4335766043

Option 1 ID : 43357624169

Option 2 ID : 43357624170

Option 3 ID : 43357624171

Option 4 ID : 43357624172

Status : Answered

Chosen Option : B

Q.75 The "Turing Machine" showed that you could use a/an ____ system to program any algorithmic task.

Ans A. binary

B. electro-chemical

C. recursive

D. semantic

Question Type : MCQ

Question ID : 4335766375

Option 1 ID : 43357625497

Option 2 ID : 43357625498

Option 3 ID : 43357625499

Option 4 ID : 43357625500

Status : Answered

Chosen Option : C

Q.76 The term "Data" refers to:

- Ans A. The electronic representation of the information(or data)
 B. Basic information
 C. Raw Facts and figures
 D. Both A and C

Question Type : **MCQ**

Question ID : **4335766166**

Option 1 ID : **43357624661**

Option 2 ID : **43357624662**

Option 3 ID : **43357624663**

Option 4 ID : **43357624664**

Status : **Answered**

Chosen Option : **C**

Q.77 Which addressing mode involves specifying a value within the instruction itself, rather than referencing a memory location?

- Ans A. Direct addressing
 B. Immediate addressing
 C. Indirect addressing
 D. Indexed addressing

Question Type : **MCQ**

Question ID : **4335766060**

Option 1 ID : **43357624237**

Option 2 ID : **43357624238**

Option 3 ID : **43357624239**

Option 4 ID : **43357624240**

Status : **Answered**

Chosen Option : **A**

Q.78 Which property of dynamic programming is particularly useful for solving Optimal Binary Search Tree problems?

- Ans A. Optimal substructure
 B. Greedy choice property
 C. Divide and Conquer
 D. Linear programming

Question Type : **MCQ**

Question ID : **4335766087**

Option 1 ID : **43357624345**

Option 2 ID : **43357624346**

Option 3 ID : **43357624347**

Option 4 ID : **43357624348**

Status : **Answered**

Chosen Option : **A**

Q.79 What is the main advantage of using abstract classes over interfaces?

- Ans A. Abstract classes can have multiple inheritance, unlike interfaces
 B. Interfaces can have constructors, while abstract classes cannot
 C. Abstract classes can provide default implementations of methods
 D. Interfaces allow for private access modifiers, unlike abstract classes

Question Type : **MCQ**

Question ID : **4335766246**

Option 1 ID : **43357624981**

Option 2 ID : **43357624982**

Option 3 ID : **43357624983**

Option 4 ID : **43357624984**

Status : **Answered**

Chosen Option : **D**

**Q.80 Given binary numbers A = 101010 and B = 111111, what is the result of (A AND B)
OR (A XOR B)?**

- Ans A. 111111
 B. 101111
 C. 111010
 D. 101010

Question Type : **MCQ**

Question ID : **4335766042**

Option 1 ID : **43357624165**

Option 2 ID : **43357624166**

Option 3 ID : **43357624167**

Option 4 ID : **43357624168**

Status : **Answered**

Chosen Option : **A**

Q.81 Halting state of Turing machine are:

- Ans A. Start and stop
 B. Accept and reject
 C. Start and reject
 D. Reject and allow

Question Type : **MCQ**

Question ID : **4335766318**

Option 1 ID : **43357625269**

Option 2 ID : **43357625270**

Option 3 ID : **43357625271**

Option 4 ID : **43357625272**

Status : **Answered**

Chosen Option : **B**

Q.82 Which of the following is NOT a network topology?

- Ans A. Star
 B. Ring
 C. Disk
 D. Mesh

Question Type : MCQ

Question ID : 4335766180

Option 1 ID : 43357624717

Option 2 ID : 43357624718

Option 3 ID : 43357624719

Option 4 ID : 43357624720

Status : Answered

Chosen Option : C

Q.83 Which among the following are the limiting factors of IoT?

- Ans A. Low power
 B. Low processing power
 C. Low memory
 D. All of the above

Question Type : MCQ

Question ID : 4335766322

Option 1 ID : 43357625285

Option 2 ID : 43357625286

Option 3 ID : 43357625287

Option 4 ID : 43357625288

Status : Answered

Chosen Option : D

Q.84 Who used the term "IoT" first?

- Ans A. Steve Jobs
 B. Bill Simpson
 C. Kevin Aston
 D. None of these

Question Type : MCQ

Question ID : 4335766319

Option 1 ID : 43357625273

Option 2 ID : 43357625274

Option 3 ID : 43357625275

Option 4 ID : 43357625276

Status : Answered

Chosen Option : C

Q.85 Which maintenance process model focuses on fixing defects as they are identified?

- Ans A. Waterfall Model
 B. Corrective Maintenance
 C. Perfective Maintenance
 D. Adaptive Maintenance

Question Type : MCQ
Question ID : 4335766223
Option 1 ID : 43357624889
Option 2 ID : 43357624890
Option 3 ID : 43357624891
Option 4 ID : 43357624892
Status : Answered
Chosen Option : C

Q.86 _____ are used to overcome the challenges of managing the resources of the IoT.

- Ans A. Clustering
 B. Software agents
 C. Synchronization techniques
 D. Cluster, Software agent, and Synchronization techniques

Question Type : MCQ
Question ID : 4335766351
Option 1 ID : 43357625401
Option 2 ID : 43357625402
Option 3 ID : 43357625403
Option 4 ID : 43357625404
Status : Answered
Chosen Option : C

Q.87 Which of the following attributes is not a valid attribute of the tag in HTML ?

- Ans A. face
 B. type
 C. size
 D. colour

Question Type : MCQ
Question ID : 4335766421
Option 1 ID : 43357625681
Option 2 ID : 43357625682
Option 3 ID : 43357625683
Option 4 ID : 43357625684
Status : Answered
Chosen Option : A

Q.88 What is the expanded form of TCP in TCP/IP ?

- Ans A. Transmission Control Protocol
 B. Transmission Central Protocol
 C. Transfer Control Protocol
 D. Transport Central Protocol

Question Type : MCQ

Question ID : 4335766023

Option 1 ID : 43357624089

Option 2 ID : 43357624090

Option 3 ID : 43357624091

Option 4 ID : 43357624092

Status : Answered

Chosen Option : A

Q.89 _____attribute is used to specify the location of an image file.

- Ans A. alt
 B. src
 C. align
 D. name

Question Type : MCQ

Question ID : 4335766273

Option 1 ID : 43357625089

Option 2 ID : 43357625090

Option 3 ID : 43357625091

Option 4 ID : 43357625092

Status : Answered

Chosen Option : B

Q.90 The default value of the transaction identifier in a Modbus TCP packet is?

- Ans A. 0
 B. 1
 C. 2
 D. 3

Question Type : MCQ

Question ID : 4335766344

Option 1 ID : 43357625373

Option 2 ID : 43357625374

Option 3 ID : 43357625375

Option 4 ID : 43357625376

Status : Answered

Chosen Option : B

Q.91 Which of the following are advantages normally associated with B2B e-commerce?

- Ans A. Wide Reach
 B. Shorter Cycle Time
 C. Reduced Cost
 D. All of the above

Question Type : MCQ

Question ID : 4335766381

Option 1 ID : 43357625521

Option 2 ID : 43357625522

Option 3 ID : 43357625523

Option 4 ID : 43357625524

Status : Answered

Chosen Option : C

Q.92 What is DBMS?

- Ans A. DBMS is a collection of queries
 B.) DBMS is a high-level language
 C. DBMS is a programming language
 D. DBMS stores, modifies and retrieves data

Question Type : MCQ

Question ID : 4335766149

Option 1 ID : 43357624593

Option 2 ID : 43357624594

Option 3 ID : 43357624595

Option 4 ID : 43357624596

Status : Answered

Chosen Option : D

Q.93 A photograph is an analog image and a ___ can convert it into a digital image.

- Ans A. Printer
 B. Scanner
 C. Webcam
 D. Camera

Question Type : MCQ

Question ID : 4335766409

Option 1 ID : 43357625633

Option 2 ID : 43357625634

Option 3 ID : 43357625635

Option 4 ID : 43357625636

Status : Answered

Chosen Option : C

Q.94 The complement of a language will only be defined when and only when the _____ over the language is defined.

- Ans A. Alphabet
 B. Word
 C. String
 D. Grammar

Question Type : MCQ
Question ID : 4335766293
Option 1 ID : 43357625169
Option 2 ID : 43357625170
Option 3 ID : 43357625171
Option 4 ID : 43357625172
Status : Answered
Chosen Option : D

Q.95 _____ is two dimensional data structure in Python with row index and column index.

- Ans A. DataFrame
 B. List
 C. Tuple
 D. Series

Question Type : MCQ
Question ID : 4335766002
Option 1 ID : 43357624005
Option 2 ID : 43357624006
Option 3 ID : 43357624007
Option 4 ID : 43357624008
Status : Answered
Chosen Option : A

Q.96 Which programming languages are commonly supported by Dreamweaver for web development?

- Ans A. Python and Ruby
 B. HTML and CSS @
 C. C++ and Java
 D. PHP and MySQL

Question Type : MCQ
Question ID : 4335766271
Option 1 ID : 43357625081
Option 2 ID : 43357625082
Option 3 ID : 43357625083
Option 4 ID : 43357625084
Status : Answered
Chosen Option : B

Q.97 The term HTTP stand for:

- Ans A. Hyper Terminal Tracing Program
 B. Hypertext Tracing Program
 C. Hypertext Transfer Protocol
 D. Hypertext Tracing Protocol

Question Type : **MCQ**

Question ID : **4335766197**

Option 1 ID : **43357624785**

Option 2 ID : **43357624786**

Option 3 ID : **43357624787**

Option 4 ID : **43357624788**

Status : **Answered**

Chosen Option : **C**

Q.98 Program Analysis Tools are used for:

- Ans A. Designing software architecture
 B. Measuring software reliability
 C. Automatically generating test cases
 D. Analysing code for errors and performance bottlenecks

Question Type : **MCQ**

Question ID : **4335766211**

Option 1 ID : **43357624841**

Option 2 ID : **43357624842**

Option 3 ID : **43357624843**

Option 4 ID : **43357624844**

Status : **Answered**

Chosen Option : **A**

Q.99 What consists of the identification of risks or threats, the implementation of security measures, and the monitoring of those measures for effectiveness?

- Ans A. Risk assessment
 B. Security
 C. Risk Management
 D. None of the above

Question Type : **MCQ**

Question ID : **4335766399**

Option 1 ID : **43357625593**

Option 2 ID : **43357625594**

Option 3 ID : **43357625595**

Option 4 ID : **43357625596**

Status : **Answered**

Chosen Option : **C**

Q.100 In the context of dynamic programming for solving multistage graph problems, what is memoization used for?

- Ans A. Dividing the graph into stages
 B. Sorting the vertices in the graph
 C. Storing solutions to overlapping subproblems
 D. Finding the shortest path

Question Type : MCQ
Question ID : 4335766090
Option 1 ID : 43357624357
Option 2 ID : 43357624358
Option 3 ID : 43357624359
Option 4 ID : 43357624360
Status : Answered
Chosen Option : D

Section : Part II

Q.101 शिक्षण कौशल प्राप्त करने की विधि है

- Ans A. पृष्ठताछ आधारित अधिगम
 B. टीम शिक्षण
 C. खोज आधारित अधिगम
 D. सूक्ष्म शिक्षण

Question Type : MCQ
Question ID : 4335763741
Option 1 ID : 43357614961
Option 2 ID : 43357614962
Option 3 ID : 43357614963
Option 4 ID : 43357614964
Status : Answered
Chosen Option : D

Q.102 The purpose of integrated curriculum is:

- Ans A. Increase in no. of books
 B. Decrease in no. of books
 C. Increases in students enrolment
 D. Decrease in dropout

Question Type : MCQ
Question ID : 4335764210
Option 1 ID : 43357616837
Option 2 ID : 43357616838
Option 3 ID : 43357616839
Option 4 ID : 43357616840
Status : Answered
Chosen Option : C

Q.103 बुनियादी शिक्षा होनी चाहिए

- Ans A. छात्र उन्मुख
 B. गतिविधि उन्मुख
 C. परियोजना उन्मुखी हैं
 D. ये सभी

Question Type : MCQ

Question ID : 4335764018

Option 1 ID : 43357616069

Option 2 ID : 43357616070

Option 3 ID : 43357616071

Option 4 ID : 43357616072

Status : Answered

Chosen Option : A

Q.104 The practice of finding commonalities or fundamental connections across a range of particular circumstances is known as -----

- Ans A. Abstraction
 B. Generalization
 C. Problem Solving
 D. Reasoning

Question Type : MCQ

Question ID : 4335763450

Option 1 ID : 43357613797

Option 2 ID : 43357613798

Option 3 ID : 43357613799

Option 4 ID : 43357613800

Status : Answered

Chosen Option : D

Q.105 जनसंख्या की विशेषताओं का अनुमान लगाने के लिए जनसंख्या से इकाइयों के चयन की प्रक्रिया को क्या कहा जाता है?

- Ans A. विश्लेषण
 B. अनुमान
 C. अनुसंधान
 D. नमूनाकरण

Question Type : MCQ

Question ID : 4335764092

Option 1 ID : 43357616365

Option 2 ID : 43357616366

Option 3 ID : 43357616367

Option 4 ID : 43357616368

Status : Answered

Chosen Option : A

Q.106 रूसो ने प्रकृति का अनुसरण करने की अवधारणा दी है। इस सूक्ति का अर्थ है

- Ans A. शिक्षक को पूर्ण स्वतंत्रता देना
 B. विद्यार्थी की शिक्षा को उसकी प्रकृति के अनुसार विनियमित करना
 C. शिक्षक को अपने विवेक का पालन करना चाहिए
 D. शिक्षक के स्वभाव के अनुसार ज्ञान देना चाहिए

Question Type : MCQ

Question ID : 4335763430

Option 1 ID : 43357613717

Option 2 ID : 43357613718

Option 3 ID : 43357613719

Option 4 ID : 43357613720

Status : Answered

Chosen Option : A

Q.107 प्राथमिक शिक्षक को निम्न में प्रयास या ध्यान केन्द्रित करना चाहिए:

- Ans A. छात्रों के बौद्धिक स्तर को ऊपर उठाना
 B. छात्रों के शारीरिक मानक में सुधार करना
 C. छात्रों के सर्वांगीण विकास में मदद करना
 D. छात्रों में मूल्य पैदा करना।

Question Type : MCQ

Question ID : 4335764252

Option 1 ID : 43357617005

Option 2 ID : 43357617006

Option 3 ID : 43357617007

Option 4 ID : 43357617008

Status : Answered

Chosen Option : C

Q.108 शिक्षा में स्वतंत्रता का अर्थ..... है

- Ans A. विद्यालय के नियमों का विरोध करने की भावना से
 B. छात्र द्वारा अपनी इच्छा से कुछ भी करने से
 C. स्वयं का स्वतंत्र विकास तथा दूसरों की स्वतंत्रता की पहचान ताकि वे भी समान ढंग से विकसित हो
 D. शिक्षक जैसा सोचते हैं वैसा पढ़ाने के लिए स्वतंत्र हैं

Question Type : MCQ

Question ID : 4335764047

Option 1 ID : 43357616185

Option 2 ID : 43357616186

Option 3 ID : 43357616187

Option 4 ID : 43357616188

Status : Answered

Chosen Option : C

Q.109 निम्नलिखित में से कौन सा शब्द संगोष्ठी का सबसे अच्छा वर्णन करता है?

- Ans
- A. किसी भारु संगठन के प्रतिनिधियों की बैठक
 - B. एक सार्वजनिक बैठक जहाँ एक विशेषज्ञ द्वारा अध्ययन के एक छोटे पाठ्यक्रम को संबोधित किया जाता है
 - C. एक बैठक जहाँ विशेषज्ञों का एक छोटा समूह किसी समस्या या विषय के विभिन्न पहलुओं को श्रोताओं के समक्ष प्रस्तुत करता है
 - D. दो विरोधी टीमों के बीच वाद-विवाद

Question Type : MCQ
Question ID : 4335764278
Option 1 ID : 43357617109
Option 2 ID : 43357617110
Option 3 ID : 43357617111
Option 4 ID : 43357617112
Status : Answered
Chosen Option : B

Q.110 परियोजना आधारित गतिविधियाँ इसका एक उदाहरण है

- Ans
- A. अन्वेषण करना
 - B. संलग्न होना
 - C. स्पष्ट करना
 - D. विस्तृत करना

Question Type : MCQ
Question ID : 4335763732
Option 1 ID : 43357614925
Option 2 ID : 43357614926
Option 3 ID : 43357614927
Option 4 ID : 43357614928
Status : Answered
Chosen Option : C

Q.111 नाटक या रोल प्ले सबसे ज्यादा शिक्षण के लिए उपयोगी है

- Ans
- A. इतिहास
 - B. विज्ञान
 - C. गणित
 - D. भाषा

Question Type : MCQ
Question ID : 4335763662
Option 1 ID : 43357614645
Option 2 ID : 43357614646
Option 3 ID : 43357614647
Option 4 ID : 43357614648
Status : Answered
Chosen Option : D

Q.112 क्या सूक्ष्म शिक्षण वास्तविक शिक्षण है?

- Ans A. हाँ
 B. नहीं
 C. हाँ और ना दोनों, अलग-अलग दृष्टिकोण से
 D. कुछ कह नहीं सकते.

Question Type : MCQ

Question ID : 4335763760

Option 1 ID : 43357615037

Option 2 ID : 43357615038

Option 3 ID : 43357615039

Option 4 ID : 43357615040

Status : Answered

Chosen Option : B

Q.113 The importance of curriculum in the system of education is just like a:

- Ans A. Preparation of students for service
 B. Constitution in a country
 C. Provision of latest knowledge
 D. None of these

Question Type : MCQ

Question ID : 4335764172

Option 1 ID : 43357616685

Option 2 ID : 43357616686

Option 3 ID : 43357616687

Option 4 ID : 43357616688

Status : Answered

Chosen Option : C

Q.114 Creativity is thought to be related to the concept of-

- Ans A. fluid intelligence
 B. crystallized intelligence
 C. convergent thinking
 D. divergent thinking

Question Type : MCQ

Question ID : 4335763941

Option 1 ID : 43357615761

Option 2 ID : 43357615762

Option 3 ID : 43357615763

Option 4 ID : 43357615764

Status : Answered

Chosen Option : B

Q.115 कहानी सुनाना शिक्षक को पाठ को क्या बनाने में सक्षम बनाता है

- Ans A. बोरिंग
 B. जटिल
 C. छात्रों के लिए एक बोझ
 D. विद्यार्थियों के लिए जीवंत और दिलचस्प

Question Type : MCQ

Question ID : 4335763577

Option 1 ID : 43357614305

Option 2 ID : 43357614306

Option 3 ID : 43357614307

Option 4 ID : 43357614308

Status : Answered

Chosen Option : D

Q.116 Effective teaching includes-

- Ans A. Teacher is active but students may or may not be active.
 B. Teacher may be active or inactive but students are active.
 C. Teacher is active and students are active.
 D. All the above

Question Type : MCQ

Question ID : 4335763470

Option 1 ID : 43357613877

Option 2 ID : 43357613878

Option 3 ID : 43357613879

Option 4 ID : 43357613880

Status : Answered

Chosen Option : C

Q.117 मनोवैज्ञानिक आधार के लिए जानकारी के क्षेत्र/स्रोत हैं:

- Ans A. सीखने की प्रक्रिया
 B. शिक्षण विधि
 C. छात्रों की विशेषताओं
 D. सभी

Question Type : MCQ

Question ID : 4335764218

Option 1 ID : 43357616869

Option 2 ID : 43357616870

Option 3 ID : 43357616871

Option 4 ID : 43357616872

Status : Answered

Chosen Option : A

Q.118 निम्नलिखित में से कौन-सी पूर्व-संक्रियात्मक विचार की एक सीमा नहीं है?

- Ans A. ध्यान केंद्रित करने की प्रवृत्ति
- B. प्रतीकात्मक विचार का विकास
- C. अहंमन्यता
- D. अनुक्रमणीयता

Question Type : MCQ

Question ID : 4335763913

Option 1 ID : 43357615649

Option 2 ID : 43357615650

Option 3 ID : 43357615651

Option 4 ID : 43357615652

Status : Answered

Chosen Option : C

Q.119 शिक्षण की योजना के बारे में कौन सा कथन सत्य नहीं है?

- Ans A. शिक्षक को विषयवस्तु की जानकारी होनी चाहिए
- B. शिक्षक कक्षा में आक्रामक हो जाते हैं
- C. छारों को नियमित रूप से सार्थक फीडबैक प्रदान करने के तरीकों की योजना बनाना।
- D. "पाठ्यपुस्तकों, लेखों की प्रतियों आदि पर निर्णय लें/आदेश दें, जिनकी आवश्यकता होगी।"

Question Type : MCQ

Question ID : 4335763831

Option 1 ID : 43357615321

Option 2 ID : 43357615322

Option 3 ID : 43357615323

Option 4 ID : 43357615324

Status : Answered

Chosen Option : B

Q.120 A child performing well in the class, must be

- Ans A. praised
- B. given reward
- C. recognised
- D. all of these

Question Type : MCQ

Question ID : 4335763478

Option 1 ID : 43357613909

Option 2 ID : 43357613910

Option 3 ID : 43357613911

Option 4 ID : 43357613912

Status : Answered

Chosen Option : B

Q.121 प्रगतिशील शिक्षा के बारे में निम्नलिखित में से कौन-सा कथन बताता है-शिक्षा स्वयं ही जीवन है ?

- Ans A. स्कूल शिक्षा को यथासंभव लंबे समय तक जारी रखना चाहिए।
 B. स्कूलों की आवश्यकता नहीं है, बच्चे अपने जीवन के अनुभवों से सीख सकते हैं।
 C. स्कूलों में शिक्षा सामाजिक और प्राकृतिक दुनिया को प्रतिविवित करें।
 D. जीवन सच्चा शिक्षक है।

Question Type : MCQ

Question ID : 4335763917

Option 1 ID : 43357615665

Option 2 ID : 43357615666

Option 3 ID : 43357615667

Option 4 ID : 43357615668

Status : Answered

Chosen Option : A

Q.122 निम्नलिखित में से कौन सा एक शिक्षक का उद्देश्य है?

- Ans A. यथासंभव अधिकतम प्रसिद्धि प्राप्त करना,
 B. छात्रों का कल्याण जितना संभव हो अधिकतम सीमा तक करना
 C. संभावित अधिकतम संख्या में विद्यार्थियों को पढ़ाना
 D. इनमें से कोई नहीं

Question Type : MCQ

Question ID : 4335764008

Option 1 ID : 43357616029

Option 2 ID : 43357616030

Option 3 ID : 43357616031

Option 4 ID : 43357616032

Status : Answered

Chosen Option : B

Q.123 सबसे पहले, छात्र भविष्यवाणी करेंगे कि कहानी में क्या होगा। फिर छात्रों को कहानी की मुख्य घटनाओं की एक सूची बनानी होगी। अंत में, मैं कहानी की समीक्षा लिखूँगा। कौन से कौशल का उपयोग किया जा रहा है?

- Ans A. अनुप्रयोग, संश्लेषण और मूल्यांकन
 B. बोध, ज्ञान और विश्लेषण
 C. बोध, ज्ञान और मूल्यांकन
 D. मूल्यांकन, ज्ञान और संश्लेषण

Question Type : MCQ

Question ID : 4335763505

Option 1 ID : 43357614017

Option 2 ID : 43357614018

Option 3 ID : 43357614019

Option 4 ID : 43357614020

Status : Answered

Chosen Option : D

Q.124 विद्यार्थी को किसी प्रमुख विचार का स्पष्टीकरण या व्याख्या करने से जुड़ी शिक्षण प्रक्रिया कहलाती है।

- Ans A. प्रदर्शन विधि
 B. व्याख्यान विधि
 C. कहानी कहने की विधि
 D. समस्या समाधान विधि

Question Type : MCQ
Question ID : 4335763561
Option 1 ID : 43357614241
Option 2 ID : 43357614242
Option 3 ID : 43357614243
Option 4 ID : 43357614244
Status : Answered
Chosen Option : B

Q.125 प्राथमिक कक्षाओं में छात्रों के पास सजीव, निर्जीव, जल चक्र, पौधे आदि जैसे कई विषयों में बहुत सारी वैकल्पिक अवधारणाएँ होती हैं। इन वैकल्पिक अवधारणाओं के स्रोत हो सकते हैं

- I. परिवार और समुदाय।
 - II. पाठ्यपुस्तकें और अन्य पुस्तकें।
 - III. चमड़े
 - IV. कहानियाँ और कविताएँ।
- नीचे दिए गए सही विकल्प का चयन करें।

- Ans A. I, II और IV
 B. I, II, III और IV
 C. केवल I
 D. I और II

Question Type : MCQ
Question ID : 4335763649
Option 1 ID : 43357614593
Option 2 ID : 43357614594
Option 3 ID : 43357614595
Option 4 ID : 43357614596
Status : Answered
Chosen Option : A

Q.126 The category of Audio -Visual Aids is:

- Ans A. Tape-recorder
 B. Television
 C. Radio
 D. All of these

Question Type : MCQ
Question ID : 4335764174
Option 1 ID : 43357616693
Option 2 ID : 43357616694
Option 3 ID : 43357616695
Option 4 ID : 43357616696
Status : Answered
Chosen Option : B

Q.127 आपके पास लड़कों और लड़कियों का एक मिश्रित वर्ग है। उनके बीच सहयोग को बेहतर बनाने के लिए आप कौन सा तरीका अपनाएंगे?

- Ans A. माता-पिता से समानता पर चर्चा करने के लिए कहना
- B. लड़के और लड़कियों को बैच साझा करना
- C. उन कार्यों को निर्धारित करना जिन्हें एक साथ करना है
- D. पाठों में समानता के बारे में बात करना

Question Type : MCQ

Question ID : 4335764300

Option 1 ID : 43357617197

Option 2 ID : 43357617198

Option 3 ID : 43357617199

Option 4 ID : 43357617200

Status : Answered

Chosen Option : C

Q.128 किसने कहा था कि "असाइनमेंट विधि शिक्षण और सीखने की प्रक्रिया में एक महत्वपूर्ण कदम है"?

- Ans A. डगलस
- B. डीवी
- C. प्याजे
- D. एस मॉरिस

Question Type : MCQ

Question ID : 4335763599

Option 1 ID : 43357614393

Option 2 ID : 43357614394

Option 3 ID : 43357614395

Option 4 ID : 43357614396

Status : Answered

Chosen Option : D

Q.129 EATS मॉडल का पूर्ण रूप है

- Ans A. आवश्यक प्रश्न, गतिविधि पूर्व ज्ञान, शिक्षण, सारांश और मूल्यांकन
- B. तत्व प्रश्न, गतिविधि पूर्व ज्ञान, शिक्षण और सारांश
- C. अनुभवात्मक प्रश्न, गतिविधि पूर्व ज्ञान, शिक्षण, सारांश और मूल्यांकन
- D. आवश्यक प्रश्न, गतिविधि पूर्व ज्ञान, शिक्षण और सारांश

Question Type : MCQ

Question ID : 4335763842

Option 1 ID : 43357615365

Option 2 ID : 43357615366

Option 3 ID : 43357615367

Option 4 ID : 43357615368

Status : Answered

Chosen Option : D

Q.130 आप शिक्षण का पेशा इसलिए अपनाना चाहते हैं क्योंकि

- Ans A. आपके परिवार में कई अन्य लोग शिक्षक हैं,
 B. आजीविका कमाने के लिए कोई अन्य विकल्प नहीं है।
 C. बच्चे अधिक आदर और श्रद्धा रखते हैं
 D. आपको भावी नागरीकों को संभालने और प्रशिक्षित करने का अवसर मिलता है

Question Type : MCQ

Question ID : 4335764039

Option 1 ID : 43357616153

Option 2 ID : 43357616154

Option 3 ID : 43357616155

Option 4 ID : 43357616156

Status : Answered

Chosen Option : D

Section : Part III

Q.131 What will come in place of ? in the sequence 3, 14, 39, 84, ?, 258?

- Ans A. 150,
 B. 155
 C. 160
 D. 176

Question Type : MCQ

Question ID : 4335764816

Option 1 ID : 43357619261

Option 2 ID : 43357619262

Option 3 ID : 43357619263

Option 4 ID : 43357619264

Status : Answered

Chosen Option : D

Q.132 India is divided into how many pin code zones?

- Ans A. Six
 B. Seven
 C. Eight
 D. Ten

Question Type : MCQ

Question ID : 4335764602

Option 1 ID : 43357618405

Option 2 ID : 43357618406

Option 3 ID : 43357618407

Option 4 ID : 43357618408

Status : Answered

Chosen Option : A

Q.133 प्रवीण पूर्व की ओर 30 मीटर चला, दाहिनी ओर मुड़ा और 20 मीटर चला, फिर से दाहिनी ओर मुड़ा और 30 मीटर चला। वह आरंभिक बिंदु से कितनी दूर था?

- Ans A. 50 मी०
 B. 40 मी०
 C. 10 मी०
 D. 20 मी०

Question Type : MCQ
Question ID : 4335764909
Option 1 ID : 43357619633
Option 2 ID : 43357619634
Option 3 ID : 43357619635
Option 4 ID : 43357619636
Status : Answered
Chosen Option : D

Q.134 In any code GROUND is written as HQPTOC then what will be TIRED written in that code?

- Ans A. UHSDE
 B. VHSDE
 C. UHSDC
 D. UHQFC

Question Type : MCQ
Question ID : 4335764879
Option 1 ID : 43357619513
Option 2 ID : 43357619514
Option 3 ID : 43357619515
Option 4 ID : 43357619516
Status : Answered
Chosen Option : D

Q.135 निम्नलिखित को उनके कालानुक्रमिक अनुक्रम में व्यवस्थित करें :

- i. क्रिप्स मिशन
- ii. मोन्टेग्यू चेम्सफोर्ड रिपोर्ट
- iii. साइमन कमिशन
- iv. मोरले-मिन्टो सुधार

Ans A. (ii), (iii), (i), (iv)

B. (iv), (ii), (iii), (i)

C. (iii), (i), (ii), (iv)

D. (i), (iv), (iii), (ii)

Question Type : MCQ

Question ID : 4335764437

Option 1 ID : 43357617745

Option 2 ID : 43357617746

Option 3 ID : 43357617747

Option 4 ID : 43357617748

Status : Answered

Chosen Option : C

Q.136 त्रिभुज की सर्वांगसमता से संबंधित कथन - "किन्हीं दो भुजाओं की लम्बाई और इन भुजाओं की लम्बाई और इन भुजाओं के मध्य स्थित कोण की माप दिया हो"- का प्रतिबन्ध/शर्त है-

Ans A. SSS

B. SAS

C. ASA

D. RHS

Question Type : MCQ

Question ID : 4335764663

Option 1 ID : 43357618649

Option 2 ID : 43357618650

Option 3 ID : 43357618651

Option 4 ID : 43357618652

Status : Answered

Chosen Option : B

Q.137 मीना एक संख्या को 2 से विभाजित करती है। फिर वह उत्तर को 2 से विभाजित करती है। यह मूल संख्या को किस संख्या से विभाजित करने के समान है:

- Ans A. 4
 B. 3
 C. 2
 D. 1

Question Type : MCQ
Question ID : 4335764717
Option 1 ID : 43357618865
Option 2 ID : 43357618866
Option 3 ID : 43357618867
Option 4 ID : 43357618868
Status : Answered
Chosen Option : D

Q.138 बाजार की वह स्थिति जिसमें आपूर्ति मांग से अधिक होती है, क्या कहलाती है?

- Ans A. कमी
 B. अधिशेष
 C. संतुलन
 D. घाटा

Question Type : MCQ
Question ID : 4335764416
Option 1 ID : 43357617661
Option 2 ID : 43357617662
Option 3 ID : 43357617663
Option 4 ID : 43357617664
Status : Answered
Chosen Option : A

Q.139 फसलों पर कवक को मारने के लिए हम आम तौर पर का उपयोग करते हैं।

- Ans A. कीटनाशक
 B. पीड़कनाशी
 C. कवकनाशी
 D. वे सभी

Question Type : MCQ
Question ID : 4335764655
Option 1 ID : 43357618617
Option 2 ID : 43357618618
Option 3 ID : 43357618619
Option 4 ID : 43357618620
Status : Answered
Chosen Option : A

Q.140 एक कॉलोनी में 60 लोगों में से, 10 केवल बंगाली बोलते हैं, 5 केवल असमिया बोलते हैं, 10 हिन्दी और ओडिया दोनों बोलते हैं, 12 मराठी और हिन्दी दोनों बोलते हैं, 13 अंग्रेजी, तमिल और मराठी बोलते हैं, 5 असमिया और हिन्दी दोनों बोलते हैं और शेष बोलते हैं बंगाली और हिन्दी दोनों। कितने लोग एक से अधिक भाषा बोलते हैं?

- Ans A. 15
 B. 45
 C. 50
 D. 55

Question Type : MCQ
Question ID : 4335764965
Option 1 ID : 43357619857
Option 2 ID : 43357619858
Option 3 ID : 43357619859
Option 4 ID : 43357619860
Status : Answered
Chosen Option : C

Q.141 For some people, playing is actually work. Below are some names of famous people, Pick the name whose work is actually playing.

- Ans A. Ajeet Yogi
 B. Michael Jordan
 C. Jack Nicholson
 D. Steve Jobs

Question Type : MCQ
Question ID : 4335764533
Option 1 ID : 43357618129
Option 2 ID : 43357618130
Option 3 ID : 43357618131
Option 4 ID : 43357618132
Status : Answered
Chosen Option : D

Q.142 Choose the correct option instead of the question mark in the given question.

GOA : 761 :: KAIMUR : ?

- Ans A. 119439
 B. 219339
 C. 219439
 D. 218349

Question Type : MCQ
Question ID : 4335764842
Option 1 ID : 43357619365
Option 2 ID : 43357619366
Option 3 ID : 43357619367
Option 4 ID : 43357619368
Status : Answered
Chosen Option : B

Q.143 6 मीटर लंबी, 5 मीटर ऊँची और 0.5 मीटर मोटी दीवार बनाने के लिए 25 सेमी x 12.5 सेमी x 7.5 सेमी मापने वाली प्रत्येक ईंटों की संख्या आवश्यक है, जबकि मोटार दीवार के आयतन का 5 प्रतिशत घेरता है?

- Ans A. 8819
 B. 6080
 C. 9011
 D. 2019

Question Type : MCQ
Question ID : 4335764731
Option 1 ID : 43357618921
Option 2 ID : 43357618922
Option 3 ID : 43357618923
Option 4 ID : 43357618924
Status : Answered
Chosen Option : A

Q.144 कक्षा VI की एक गणित की शिक्षिका ने अपने विद्यार्थियों के समक्ष निम्नलिखित प्रश्न रखा।
"प्रातः कालीन सैर में तीन व्यक्ति एक साथ चलना प्रारंभ करते हैं। उनके कदमों की लंबाई क्रमशः 70 से.मी., 85 से.मी और 95 से.मी है। इनमें से प्रत्येक न्यूनतम कितनी दूरी चले कि वे वही दूरी पूरे-पूरे कदमों में तय कर सकें?"
निम्नलिखित में कौन-सी आवधारणाएँ दिए गए प्रश्न को हल करने के लिए आवश्यक होंगी ?

- Ans A. लघुतम समापवर्तक (ल0स0) की अवधारणा
 B. विभाजन की अवधारणा
 C. समानुपात की अवधारणा
 D. महत्तम समापवर्तक (म0स0) की अवधारणा

Question Type : MCQ
Question ID : 4335764775
Option 1 ID : 43357619097
Option 2 ID : 43357619098
Option 3 ID : 43357619099
Option 4 ID : 43357619100
Status : Answered
Chosen Option : C

Q.145 पूर्वी धाट की सबसे ऊँची चोटी महेंद्रगिरि निम्नलिखित में से किस राज्य में स्थित है?

- Ans A. आंध्र प्रदेश
 B. ओडिशा
 C. तेलंगाना
 D. तमिलनाडु

Question Type : MCQ
Question ID : 4335764399
Option 1 ID : 43357617593
Option 2 ID : 43357617594
Option 3 ID : 43357617595
Option 4 ID : 43357617596
Status : Answered
Chosen Option : A

Q.146

इनमें से कौन से आउटडोर गेम नहीं है ?

- Ans A. फुटबॉल
 B. कैचर द फ्लैग
 C. ऊने
 D. फ्रिस्बी

Question Type : MCQ

Question ID : 4335764511

Option 1 ID : 43357618041

Option 2 ID : 43357618042

Option 3 ID : 43357618043

Option 4 ID : 43357618044

Status : Answered

Chosen Option : D

Q.147 Khudai Khidmatgars were popularly known as the _____

- Ans A. Green Shirts
 B. Red Shirts
 C. Black Shirts
 D. White Shirts

Question Type : MCQ

Question ID : 4335764356

Option 1 ID : 43357617421

Option 2 ID : 43357617422

Option 3 ID : 43357617423

Option 4 ID : 43357617424

Status : Answered

Chosen Option : A

Q.148 पौधे अपना भोजन ----- की सहायता से बनाते हैं।

- Ans A. ऑक्सीजन, सूरज की रोशनी, पानी
 B. ऑक्सीजन, सूरज की रोशनी कार्बन डाईऑक्साइड
 C. पानी, सूरज की रोशनी, कार्बन डाईऑक्साइड
 D. ऑक्सीजन, सूरज की रोशनी

Question Type : MCQ

Question ID : 4335764575

Option 1 ID : 43357618297

Option 2 ID : 43357618298

Option 3 ID : 43357618299

Option 4 ID : 43357618300

Status : Answered

Chosen Option : C

Q.149 निम्नलिखित में से किस प्रकार की प्राकृतिक आपदाओं का कोई निश्चित आरंभ और अंत नहीं है?

- Ans A. (1) भूकंप
 B. भूस्खलन
 C. तूफान
 D. सूखा

Question Type : MCQ

Question ID : 4335764496

Option 1 ID : 43357617981

Option 2 ID : 43357617982

Option 3 ID : 43357617983

Option 4 ID : 43357617984

Status : Answered

Chosen Option : A

Q.150 वर्णमाला में बाँड़ से 10 वें तथा 24 वें अक्षर के मध्य कितने अक्षर होंगे ?

- Ans A. 13
 B. 14
 C. 17
 D. 18

Question Type : MCQ

Question ID : 4335764918

Option 1 ID : 43357619669

Option 2 ID : 43357619670

Option 3 ID : 43357619671

Option 4 ID : 43357619672

Status : Answered

Chosen Option : B