

BSTET

(Class 11-12)

Previous Year Paper
(Computer Science)
04 Nov, 2025 Shift 2



बिहार विद्यालय परीक्षा समिति
BIHAR SCHOOL EXAMINATION BOARD

Exam Name	STET Exam 2025
Paper	Paper II
Roll No	
Participant Name	
Test Center Name	
Test Date	04/11/2025
Test Time	2:00 PM - 4:30 PM

Section : Part I Computer Science(226)

Q.1 Which type of method does not have an implementation in the base class and must be overridden by derived classes?

- Ans ☒ A. Virtual method
☒ B. Abstract method
☒ C. Sealed method
☒ D. Static method

Question Type : MCQ
Question ID : 4335766245
Option 1 ID : 43357624977
Option 2 ID : 43357624978
Option 3 ID : 43357624979
Option 4 ID : 43357624980
Status : Answered
Chosen Option : B

Q.2 Which of the following is a DML command in SQL ?

- Ans ☒ A. UPDATE
☒ B. CREATE
☒ C. ALTER
☒ D. DROP

Question Type : MCQ
Question ID : 4335766442
Option 1 ID : 43357625765
Option 2 ID : 43357625766
Option 3 ID : 43357625767
Option 4 ID : 43357625768
Status : Answered
Chosen Option : C

inary numbers whose decimal equivalent is divisible by 3, what are all the possible remainders?

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

Question Type : MCQ
Question ID : 4335766294
Option 1 ID : 43357625173
Option 2 ID : 43357625174
Option 3 ID : 43357625175
Option 4 ID : 43357625176
Status : Answered
Chosen Option : B

Q.4 The concept of monitors was introduced by:

- Ans ☒ A. Edsger Dijkstra
- ☒ B. Alan Turing
- ☒ C. Tim Berners-Lee
- ☒ D. Linus Torvalds

Question Type : MCQ
Question ID : 4335766138
Option 1 ID : 43357624549
Option 2 ID : 43357624550
Option 3 ID : 43357624551
Option 4 ID : 43357624552
Status : Answered
Chosen Option : C

Q.5 De Morgan's Theorems are particularly useful in simplifying logic expressions that have a large number of _____.

- Ans ☒ A. Variables
- ☒ B. Constants
- ☒ C. Terms
- ☒ D. Operators

Question Type : MCQ
Question ID : 4335766065
Option 1 ID : 43357624257
Option 2 ID : 43357624258
Option 3 ID : 43357624259
Option 4 ID : 43357624260
Status : Answered
Chosen Option : A

for?

- Ans ☒ A. Structured Query Language
- ☐ B. Simple Query Language
- ☐ C. Systematic Query Logic
- ☐ D. Standard Query Level

Question Type : MCQ
Question ID : 4335766275
Option 1 ID : 43357625097
Option 2 ID : 43357625098
Option 3 ID : 43357625099
Option 4 ID : 43357625100
Status : Answered
Chosen Option : A

Q.7 What does the 'https' in a web address indicate ?

- Ans ☐ A. The website is hosted on a local server
- ☐ B. The website is a search engine
- ☐ C. The website uses standard HTTP protocol
- ☒ D. The website is secure using encryption

Question Type : MCQ
Question ID : 4335766025
Option 1 ID : 43357624097
Option 2 ID : 43357624098
Option 3 ID : 43357624099
Option 4 ID : 43357624100
Status : Answered
Chosen Option : D

Q.8 What is an entity in DTD?

- Ans ☒ A. A reference to an external resource
- ☐ B. A mathematical equation
- ☐ C. A special XML tag
- ☐ D. A function in JavaScript

Question Type : MCQ
Question ID : 4335766270
Option 1 ID : 43357625077
Option 2 ID : 43357625078
Option 3 ID : 43357625079
Option 4 ID : 43357625080
Status : Answered
Chosen Option : A

an image can be reduced using which of the following methods?

- Ans ☐ 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 Type : **MCQ**
Question ID : **4335766414**
Option 1 ID : **43357625653**
Option 2 ID : **43357625654**
Option 3 ID : **43357625655**
Option 4 ID : **43357625656**
Status : **Answered**
Chosen Option : **B**

Q.10 Which version of IP address is most suitable for IoT?

- Ans ☐ A. IP V4
- ☐ B. IP V5
- ☒ C. IP V6
- ☐ D. IP V7

Question Type : **MCQ**
Question ID : **4335766323**
Option 1 ID : **43357625289**
Option 2 ID : **43357625290**
Option 3 ID : **43357625291**
Option 4 ID : **43357625292**
Status : **Answered**
Chosen Option : **B**

Q.11 In computer graphics, arrays can be used to store pixel values for images. Which type of array would be suitable for this purpose?

- Ans ☐ A. 1-D array
- ☒ B. 2-D array
- ☐ C. 3-D array
- ☐ D. 4-D array

Question Type : **MCQ**
Question ID : **4335766118**
Option 1 ID : **43357624469**
Option 2 ID : **43357624470**
Option 3 ID : **43357624471**
Option 4 ID : **43357624472**
Status : **Answered**
Chosen Option : **B**

ata Link Layer includes:

- Ans ☒ A. Deciding the routing path for data packets
- ☒ B. Defining the structure of data frames
- ☒ C. Assigning IP addresses to devices
- ☒ D. Setting the data transmission rate

Question Type : MCQ
Question ID : 4335766185
Option 1 ID : 43357624737
Option 2 ID : 43357624738
Option 3 ID : 43357624739
Option 4 ID : 43357624740
Status : Answered
Chosen Option : B

Q.13 In general, a file is basically a collection of all related_____.

- Ans ☒ A. Rows & Columns
- ☒ B. Database
- ☒ C. Fields
- ☒ D. Records

Question Type : MCQ
Question ID : 4335766171
Option 1 ID : 43357624681
Option 2 ID : 43357624682
Option 3 ID : 43357624683
Option 4 ID : 43357624684
Status : Answered
Chosen Option : B

Q.14 Which of the following refers to the level of data abstraction that describes exactly how the data actually stored?

- Ans ☒ A. Conceptual Level
- ☒ B. Physical Level
- ☒ C. File Level
- ☒ D. Logical Level

Question Type : MCQ
Question ID : 4335766165
Option 1 ID : 43357624657
Option 2 ID : 43357624658
Option 3 ID : 43357624659
Option 4 ID : 43357624660
Status : Answered
Chosen Option : D

f SCADA?

- Ans ☒ A. Supervisory Control and Document Acquisition
- ☒ B. Supervisory Control and Data Acquisition
- ☒ C. Supervisory Column and Data Assessment
- ☒ D. Supervisory Control and Data Assessment

Question Type : MCQ
Question ID : 4335766328
Option 1 ID : 43357625309
Option 2 ID : 43357625310
Option 3 ID : 43357625311
Option 4 ID : 43357625312
Status : Answered
Chosen Option : B

Q.16 Full form of MQTT is

- Ans ☒ A. Multi-Queue Telemetry Things
- ☒ B. Multiple Queueing Telemetry Things
- ☒ C. Message Queue Telemetry Things
- ☒ D. Message Queue Telemetry Transport

Question Type : MCQ
Question ID : 4335766327
Option 1 ID : 43357625305
Option 2 ID : 43357625306
Option 3 ID : 43357625307
Option 4 ID : 43357625308
Status : Answered
Chosen Option : A

Q.17 What is the term for defining multiple methods in a class with the same name but different parameters?

- Ans ☒ A. Overriding
- ☒ B. Overloading
- ☒ C. Inheriting
- ☒ D. Inheritance

Question Type : MCQ
Question ID : 4335766244
Option 1 ID : 43357624973
Option 2 ID : 43357624974
Option 3 ID : 43357624975
Option 4 ID : 43357624976
Status : Answered
Chosen Option : D

mmment using :

- Ans ☒ A. <!-- -
- ☒ B. !- ->
- ☒ C. - -!>
- ☒ D. <--!

Question Type : MCQ
Question ID : 4335766470
Option 1 ID : 43357625877
Option 2 ID : 43357625878
Option 3 ID : 43357625879
Option 4 ID : 43357625880
Status : Answered
Chosen Option : A

Q.19 Consider the statements given below and then choose the correct output from the given options :
D={ 'S01' : 95, 'S02' : 96 }
for I in D :
print (I , end = '#')

- Ans ☒ A. S01#S02#
- ☒ B. 95#96#
- ☒ C. S01,95#S02,96#
- ☒ D. S01#95#S02#96#

Question Type : MCQ
Question ID : 4335766437
Option 1 ID : 43357625745
Option 2 ID : 43357625746
Option 3 ID : 43357625747
Option 4 ID : 43357625748
Status : Answered
Chosen Option : A

Q.20 In Karnaugh Maps, which of the following terms refers to a group of adjacent cells that can be combined to simplify a logic expression?

- Ans ☒ A. Block
- ☒ B. Cluster
- ☒ C. Pair
- ☒ D. Group

Question Type : MCQ
Question ID : 4335766062
Option 1 ID : 43357624245
Option 2 ID : 43357624246
Option 3 ID : 43357624247
Option 4 ID : 43357624248
Status : Answered
Chosen Option : B

on to fill in the blank : A _____ is an online platform or website where individuals or businesses regularly publish articles/journals, known as posts, on various topics.

- Ans ☒ A. Brower
- ☒ B. Blog
- ☒ C. News Group
- ☒ D. Web Server

Question Type : MCQ
Question ID : 4335766424
Option 1 ID : 43357625693
Option 2 ID : 43357625694
Option 3 ID : 43357625695
Option 4 ID : 43357625696
Status : Answered
Chosen Option : B

Q.22 The dining philosophers problem is an example of a synchronization problem related to:

- Ans ☒ A. Process scheduling
- ☒ B. Mutual exclusion
- ☒ C. Memory allocation
- ☒ D. Interrupt handling

Question Type : MCQ
Question ID : 4335766144
Option 1 ID : 43357624573
Option 2 ID : 43357624574
Option 3 ID : 43357624575
Option 4 ID : 43357624576
Status : Answered
Chosen Option : D

Q.23 Inter-process communication (IPC) is a mechanism used for:

- Ans ☒ A. Preventing processes from executing concurrently
- ☒ B. Allowing processes to run independently without communication
- ☒ C. Enabling processes to exchange information and synchronize their actions
- ☒ D. Enabling processes to execute in a random order

Question Type : MCQ
Question ID : 4335766136
Option 1 ID : 43357624541
Option 2 ID : 43357624542
Option 3 ID : 43357624543
Option 4 ID : 43357624544
Status : Answered
Chosen Option : C

f Domain Name System Server in networking?

- Ans ☒ A. To encrypt data during transmission.
- ☒ B. To convert domain names into IP addresses
- ☒ C. To regulate network traffic flow.
- ☒ D. To establish a secure connection between devices.

Question Type : MCQ
Question ID : 4335765997
Option 1 ID : 43357623985
Option 2 ID : 43357623986
Option 3 ID : 43357623987
Option 4 ID : 43357623988
Status : Answered
Chosen Option : D

Q.25 Which programming paradigm focuses on breaking down a program into smaller procedures or functions?

- Ans ☒ A. Object-Oriented Programming
- ☒ B. Procedural Programming
- ☒ C. Functional Programming
- ☒ D. Imperative Programming

Question Type : MCQ
Question ID : 4335766227
Option 1 ID : 43357624905
Option 2 ID : 43357624906
Option 3 ID : 43357624907
Option 4 ID : 43357624908
Status : Answered
Chosen Option : C

Q.26 Which form of e-marketplace brings together buyers and sellers from multiple industries, often for MRO materials?

- Ans ☒ A. Horizontal
- ☒ B. Vertical
- ☒ C. integrated
- ☒ D. isolated

Question Type : MCQ
Question ID : 4335766383
Option 1 ID : 43357625529
Option 2 ID : 43357625530
Option 3 ID : 43357625531
Option 4 ID : 43357625532
Status : Answered
Chosen Option : B

ol is responsible for mapping IP addresses to MAC addresses?

- Ans ☒ A. ARP
- ☒ B. TCP
- ☒ C. ICMP
- ☒ D. DNS

Question Type : MCQ
Question ID : 4335766177
Option 1 ID : 43357624705
Option 2 ID : 43357624706
Option 3 ID : 43357624707
Option 4 ID : 43357624708
Status : Answered
Chosen Option : B

Q.28 The Cost Estimation technique that involves expert judgments and consensus is called:

- Ans ☒ A. COCOMO
- ☒ B. Delphi Method
- ☒ C. Waterfall Model
- ☒ D. Prototype Model

Question Type : MCQ
Question ID : 4335766219
Option 1 ID : 43357624873
Option 2 ID : 43357624874
Option 3 ID : 43357624875
Option 4 ID : 43357624876
Status : Answered
Chosen Option : A

Q.29 Which type of adder is designed to overcome the propagation delay issues in ripple carry adders and generate carry signals more efficiently?

- Ans ☒ A. Ripple Carry Adder
- ☒ B. Carry Look-Ahead Adder
- ☒ C. Binary Adder
- ☒ D. Half Adder

Question Type : MCQ
Question ID : 4335766066
Option 1 ID : 43357624261
Option 2 ID : 43357624262
Option 3 ID : 43357624263
Option 4 ID : 43357624264
Status : Answered
Chosen Option : C

d Reason type questions. This question consists of two statements, namely, Assertion (A) and Reason (R). Select the most suitable option considering the Assertion and Reason. Assertion (A) : SMS is an acronym for Smart Message Service. Reason (R) : SMS is the most common technology for delivering short, concise and important messages quickly.

- Ans ☒ A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).
- ☒ B. Both Assertion (A) and Reason (R) are true, but Reason (R) is not the correct explanation of Assertion (A).
- ☒ C. Assertion (A) is true, but Reason (R) is false.
- ☒ D. Assertion (A) is false, but Reason (R) is true.

Question Type : MCQ
Question ID : 4335766430
Option 1 ID : 43357625717
Option 2 ID : 43357625718
Option 3 ID : 43357625719
Option 4 ID : 43357625720
Status : Answered
Chosen Option : B

Q.31 Which of the following conversion is not possible (algorithmically)?

- Ans ☒ A. Regular grammar to context-free grammar
- ☒ B. Non-deterministic pushdown automata to deterministic pushdown automata
- ☒ C. Non-deterministic finite state automata to deterministic finite state automata
- ☒ D. Non deterministic Turing machine to deterministic Turing machine

Question Type : MCQ
Question ID : 4335766315
Option 1 ID : 43357625257
Option 2 ID : 43357625258
Option 3 ID : 43357625259
Option 4 ID : 43357625260
Status : Answered
Chosen Option : A

Q.32 Which among the followings is not a property of knowledge representation?

- Ans ☒ A. Representational Verification
- ☒ B. Representational Adequacy
- ☒ C. Inferential Adequacy
- ☒ D. Inferential Efficiency

Question Type : MCQ
Question ID : 4335766367
Option 1 ID : 43357625465
Option 2 ID : 43357625466
Option 3 ID : 43357625467
Option 4 ID : 43357625468
Status : Answered
Chosen Option : B

describes e-commerce?

- Ans ☒ A. Doing business electronically
- ☐ B. Doing business
- ☐ C. Sale of goods
- ☐ D. All of the above

Question Type : MCQ
Question ID : 4335766378
Option 1 ID : 43357625509
Option 2 ID : 43357625510
Option 3 ID : 43357625511
Option 4 ID : 43357625512
Status : Answered
Chosen Option : A

Q.34 How can you make an asynchronous request to a server in JavaScript?

- Ans ☐ A. Using the "async" keyword
- ☐ B. Using the "await" keyword
- ☒ C. Using the fetch API or XMLHttpRequest
- ☐ D. By defining a callback function

Question Type : MCQ
Question ID : 4335766262
Option 1 ID : 43357625045
Option 2 ID : 43357625046
Option 3 ID : 43357625047
Option 4 ID : 43357625048
Status : Answered
Chosen Option : A

Q.35 Evaluate the given postfix expression:

$3\ 5\ *6\ +\ 2\ 3\ *-\$

- Ans ☐ A. 39
- ☒ B. 15
- ☐ C. -9
- ☐ D. -17

Question Type : MCQ
Question ID : 4335765988
Option 1 ID : 43357623949
Option 2 ID : 43357623950
Option 3 ID : 43357623951
Option 4 ID : 43357623952
Status : Answered
Chosen Option : B

try 4.0

- Ans ☒ A. Detecting Machine failures
- ☒ B. Preventing Machine failures
- ☒ C. Improving safaty
- ☒ D. All of the above

Question Type : MCQ
Question ID : 4335766342
Option 1 ID : 43357625365
Option 2 ID : 43357625366
Option 3 ID : 43357625367
Option 4 ID : 43357625368
Status : Answered
Chosen Option : D

Q.37 _____ uses packet switching technology to carry voice traffic over an IP network where each packet follows best route to reach its destination.

- Ans ☒ A. E-mail
- ☒ B. HTTP
- ☒ C. VoIP
- ☒ D. SMTP

Question Type : MCQ
Question ID : 4335766005
Option 1 ID : 43357624017
Option 2 ID : 43357624018
Option 3 ID : 43357624019
Option 4 ID : 43357624020
Status : Answered
Chosen Option : A

Q.38 Delphi and COCOMO are techniques used for estimating:

- Ans ☒ A. Software size
- ☒ B. Software reliability
- ☒ C. Software complexity
- ☒ D. Software development cost

Question Type : MCQ
Question ID : 4335766214
Option 1 ID : 43357624853
Option 2 ID : 43357624854
Option 3 ID : 43357624855
Option 4 ID : 43357624856
Status : Answered
Chosen Option : B

proach for the 8-Queens problem, once a feasible solution is found, the algorithm:

- Ans ☒ A. Stops and returns the solution
- ☒ B. Continues searching for more solutions
- ☒ C. Iterates through all possibilities
- ☒ D. Rearranges the queens to optimize the solution

Question Type : MCQ
Question ID : 4335766086
Option 1 ID : 43357624341
Option 2 ID : 43357624342
Option 3 ID : 43357624343
Option 4 ID : 43357624344
Status : Answered
Chosen Option : B

Q.40 When using the parity bit method, how does the receiver determine if an error has occurred during transmission?

- Ans ☒ A. By counting the number of ones in the data
- ☒ B. By comparing the parity bit with the data
- ☒ C. By performing modulo arithmetic
- ☒ D. By comparing the number of ones with the parity bit

Question Type : MCQ
Question ID : 4335766068
Option 1 ID : 43357624269
Option 2 ID : 43357624270
Option 3 ID : 43357624271
Option 4 ID : 43357624272
Status : Answered
Chosen Option : A

Q.41 The term used to describe the maximum amount of data that can be transmitted over a communication channel in a given time period is:

- Ans ☒ A. Bandwidth
- ☒ B. Data Rate
- ☒ C. Latency
- ☒ D. Protocol

Question Type : MCQ
Question ID : 4335766179
Option 1 ID : 43357624713
Option 2 ID : 43357624714
Option 3 ID : 43357624715
Option 4 ID : 43357624716
Status : Answered
Chosen Option : A

t of the following statement ?

Print (14%3**2*4)

- Ans ☒ A. 16
☒ B. 64
☒ C. 20
☒ D. 256

Question Type : MCQ
Question ID : 4335766431
Option 1 ID : 43357625721
Option 2 ID : 43357625722
Option 3 ID : 43357625723
Option 4 ID : 43357625724
Status : Answered
Chosen Option : A

Q.43 In XML, which attribute is used to uniquely identify an element?

- Ans ☒ A. id
☒ B. class
☒ C. name
☒ D. tag

Question Type : MCQ
Question ID : 4335766269
Option 1 ID : 43357625073
Option 2 ID : 43357625074
Option 3 ID : 43357625075
Option 4 ID : 43357625076
Status : Answered
Chosen Option : A

Q.44 Which of the following is type 1 language or Type 1 grammar?

- Ans ☒ A. Regular grammar/ Regular language
☒ B. Context Free Grammar / Context Free language
☒ C. Context Sensitive Grammar / Context Sensitive language
☒ D. Recursively Enumerable

Question Type : MCQ
Question ID : 4335766305
Option 1 ID : 43357625217
Option 2 ID : 43357625218
Option 3 ID : 43357625219
Option 4 ID : 43357625220
Status : Answered
Chosen Option : B

d to indicate that a class cannot be inherited by other classes?

- Ans ☒ A. sealed
- ☒ B. final
- ☒ C. private
- ☒ D. static

Question Type : MCQ
Question ID : 4335766248
Option 1 ID : 43357624989
Option 2 ID : 43357624990
Option 3 ID : 43357624991
Option 4 ID : 43357624992
Status : Answered
Chosen Option : A

Q.46 A universal Turing machine is a-----

- Ans ☒ A. Single tape Turing machine
- ☒ B. Two-tape Turing machine
- ☒ C. Reprogrammable Turing machine
- ☒ D. All of the above

Question Type : MCQ
Question ID : 4335766313
Option 1 ID : 43357625249
Option 2 ID : 43357625250
Option 3 ID : 43357625251
Option 4 ID : 43357625252
Status : Answered
Chosen Option : D

Q.47 To convert a Gray Code to its binary equivalent, which technique is commonly used?

- Ans ☒ A. Subtraction method
- ☒ B. Addition method
- ☒ C. Exclusive OR (XOR) operation
- ☒ D. Division method

Question Type : MCQ
Question ID : 4335766053
Option 1 ID : 43357624209
Option 2 ID : 43357624210
Option 3 ID : 43357624211
Option 4 ID : 43357624212
Status : Answered
Chosen Option : C

d Reason type questions. This question consists of two statements, namely, Assertion (A) and Reason (R). Select the most suitable option considering the Assertion and Reason. Assertion (A) : CSS is an attribute of the table tag and is used to style tables on a web page. Reason (R) : CSS is used to apply styles, such as fonts, colors, and spacing in an HTML document.

- Ans ☒ A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).
- ☒ B. Both Assertion (A) and Reason (R) are true, but Reason (R) is not the correct explanation of Assertion (A).
- ☒ C. Assertion (A) is true, but Reason (R) is false.
- ☒ D. Assertion (A) is false, but Reason (R) is true.

Question Type : MCQ
Question ID : 4335766029
Option 1 ID : 43357624113
Option 2 ID : 43357624114
Option 3 ID : 43357624115
Option 4 ID : 43357624116
Status : Answered
Chosen Option : B

Q.49 Which sorting algorithm has a worst-case time complexity of $O(n^2)$ in its basic form?

- Ans ☒ A. Quick Sort
- ☒ B. Merge Sort
- ☒ C. Insertion Sort
- ☒ D. Counting Sort

Question Type : MCQ
Question ID : 4335766105
Option 1 ID : 43357624417
Option 2 ID : 43357624418
Option 3 ID : 43357624419
Option 4 ID : 43357624420
Status : Answered
Chosen Option : A

Q.50 Greedy search strategy chooses the node for expansion in _____

- Ans ☒ A. Shallowest
- ☒ B. Deepest
- ☒ C. The one close to the goal node
- ☒ D. Minimum heuristic cost

Question Type : MCQ
Question ID : 4335766363
Option 1 ID : 43357625449
Option 2 ID : 43357625450
Option 3 ID : 43357625451
Option 4 ID : 43357625452
Status : Answered
Chosen Option : C

d to detect and remove viruses only is called _____.

- Ans ☒ A. Malware
- ☒ B. Antivirus
- ☒ C. Spyware
- ☒ D. Adware

Question Type : MCQ
Question ID : 4335766016
Option 1 ID : 43357624061
Option 2 ID : 43357624062
Option 3 ID : 43357624063
Option 4 ID : 43357624064
Status : Answered
Chosen Option : B

Q.52 Which of the following refers to the level of data abstraction that describes exactly how the data stored?

- Ans ☒ A. Conceptual Level
- ☒ B. Physical Level
- ☒ C. File Level
- ☒ D. Logical Level

Question Type : MCQ
Question ID : 4335766159
Option 1 ID : 43357624633
Option 2 ID : 43357624634
Option 3 ID : 43357624635
Option 4 ID : 43357624636
Status : Answered
Chosen Option : D

Q.53 Which function should be used to get first n rows of a dataframe ?

- Ans ☒ A. print(n)
- ☒ B. head(n)
- ☒ C. get(n)
- ☒ D. call(n)

Question Type : MCQ
Question ID : 4335766001
Option 1 ID : 43357624001
Option 2 ID : 43357624002
Option 3 ID : 43357624003
Option 4 ID : 43357624004
Status : Answered
Chosen Option : A

is a mapped data type?

- Ans ☒ A. List
- ☒ B. Sets
- ☒ C. Dictionary
- ☒ D. Boolean

Question Type : MCQ
Question ID : 4335766452
Option 1 ID : 43357625805
Option 2 ID : 43357625806
Option 3 ID : 43357625807
Option 4 ID : 43357625808
Status : Answered
Chosen Option : B

Q.55 The applications of AI includes

- Ans ☒ A. Gaming
- ☒ B. Expert Systems
- ☒ C. ML and DL
- ☒ D. All of the above

Question Type : MCQ
Question ID : 4335766355
Option 1 ID : 43357625417
Option 2 ID : 43357625418
Option 3 ID : 43357625419
Option 4 ID : 43357625420
Status : Answered
Chosen Option : B

Q.56 The easiest way in which we can transfer control is when the old backup site sends _____ to the old primary.

- Ans ☒ A. Redo logs
- ☒ B. Primary Logs
- ☒ C. Undo Logs
- ☒ D. All of the above

Question Type : MCQ
Question ID : 4335766168
Option 1 ID : 43357624669
Option 2 ID : 43357624670
Option 3 ID : 43357624671
Option 4 ID : 43357624672
Status : Answered
Chosen Option : B

of productions required to produce a language consisting of
palindrome strings over $\Sigma=\{a,b\}$ is

- Ans ☒ A. 3
☒ B. 7
☒ C. 5
☒ D. 6

Question Type : MCQ
Question ID : 4335766299
Option 1 ID : 43357625193
Option 2 ID : 43357625194
Option 3 ID : 43357625195
Option 4 ID : 43357625196
Status : Answered
Chosen Option : B

Q.58 WSN stands for?

- Ans ☒ A. Wireless Standard Protocol
☒ B. Wireless Sensor Protocol
☒ C. Wireless Serial Protocol
☒ D. Wireless Single Protocol

Question Type : MCQ
Question ID : 4335766326
Option 1 ID : 43357625301
Option 2 ID : 43357625302
Option 3 ID : 43357625303
Option 4 ID : 43357625304
Status : Answered
Chosen Option : A

Q.59 Auxiliary storage space management in an operating system involves:

- Ans ☒ A. Allocating memory for CPU registers
☒ B. Managing input/output operations between processes and devices
☒ C. Managing the allocation of memory to processes
☒ D. Managing the allocation of space on secondary storage devices

Question Type : MCQ
Question ID : 4335766124
Option 1 ID : 43357624493
Option 2 ID : 43357624494
Option 3 ID : 43357624495
Option 4 ID : 43357624496
Status : Answered
Chosen Option : B

particular colour.

- Ans ☒ A. Frame
- ☒ B. Character
- ☒ C. Pixel value
- ☒ D. None of the above

Question Type : MCQ
Question ID : 4335766408
Option 1 ID : 43357625629
Option 2 ID : 43357625630
Option 3 ID : 43357625631
Option 4 ID : 43357625632
Status : Answered
Chosen Option : B

Q.61 The quality of ____ remains unchanged even if the size is increased or decreased.

- Ans ☒ A. Vector graphics
- ☒ B. Illustrations
- ☒ C. Photographs
- ☒ D. Line images

Question Type : MCQ
Question ID : 4335766410
Option 1 ID : 43357625637
Option 2 ID : 43357625638
Option 3 ID : 43357625639
Option 4 ID : 43357625640
Status : Answered
Chosen Option : A

Q.62 Software engineering emerged due to:

- Ans ☒ A. The decline of computer technology
- ☒ B. The need for complex hardware systems
- ☒ C. The challenges posed by software development
- ☒ D. The focus on hardware-only solutions

Question Type : MCQ
Question ID : 4335766201
Option 1 ID : 43357624801
Option 2 ID : 43357624802
Option 3 ID : 43357624803
Option 4 ID : 43357624804
Status : Answered
Chosen Option : B

cle model is based on iterative prototyping?

- Ans ☒ A. Waterfall model
- ☒ B. Spiral model
- ☒ C. Agile model
- ☒ D. Prototype model

Question Type : MCQ
Question ID : 4335766217
Option 1 ID : 43357624865
Option 2 ID : 43357624866
Option 3 ID : 43357624867
Option 4 ID : 43357624868
Status : Answered
Chosen Option : C

Q.64 Which technology offers the highest level of customization for implementing digital logic circuits?

- Ans ☒ A. ROM-based design
- ☒ B. PLA-based design
- ☒ C. FPGA-based design
- ☒ D. Gate Array-based design

Question Type : MCQ
Question ID : 4335766035
Option 1 ID : 43357624137
Option 2 ID : 43357624138
Option 3 ID : 43357624139
Option 4 ID : 43357624140
Status : Answered
Chosen Option : C

Q.65 Stack works on the principle of.....

- Ans ☒ A. Mid Element First
- ☒ B. First In First Out
- ☒ C. Last In First Out
- ☒ D. Last In Last Out

Question Type : MCQ
Question ID : 4335765989
Option 1 ID : 43357623953
Option 2 ID : 43357623954
Option 3 ID : 43357623955
Option 4 ID : 43357623956
Status : Answered
Chosen Option : B

- Ans ☒ A. Sending Files over the Internet in a secure manner
- ☐ B. Sending Mail over the Internet in a secure manner
- ☐ C. Video Conferencing
- ☐ D. Secure Chat Services

Question Type : MCQ
Question ID : 4335766103
Option 1 ID : 43357624409
Option 2 ID : 43357624410
Option 3 ID : 43357624411
Option 4 ID : 43357624412
Status : Answered
Chosen Option : A

Q.67 How are cookies typically stored on a client's device?

- Ans ☐ A. In a plain text file
- ☐ B. In a database
- ☐ C. In an encrypted format
- ☒ D. In the browser's cache

Question Type : MCQ
Question ID : 4335766264
Option 1 ID : 43357625053
Option 2 ID : 43357625054
Option 3 ID : 43357625055
Option 4 ID : 43357625056
Status : Answered
Chosen Option : A

Q.68 Which of the following is not considered as a type of e-waste ?

- Ans ☐ A. Televisions
- ☐ B. Personal Electronic Devices
- ☐ C. Scanner and Copier
- ☒ D. Newspaper

Question Type : MCQ
Question ID : 4335766009
Option 1 ID : 43357624033
Option 2 ID : 43357624034
Option 3 ID : 43357624035
Option 4 ID : 43357624036
Status : Answered
Chosen Option : B

ather of AI?

- Ans ☒ A. Fisher Ada
- ☒ B. Alan Turing
- ☒ C. John McCarthy
- ☒ D. Allen Newell

Question Type : MCQ
Question ID : 4335766354
Option 1 ID : 43357625413
Option 2 ID : 43357625414
Option 3 ID : 43357625415
Option 4 ID : 43357625416
Status : Answered
Chosen Option : C

Q.70 What are the three main types of DBMSs?

- Ans ☒ A. Relational DBMSs, hierarchical DBMSs, and network DBMSs.
- ☒ B. Relational DBMSs, object-oriented DBMSs, and NoSQL DBMSs.
- ☒ C. Hierarchical DBMSs, network DBMSs, and object-oriented DBMSs.
- ☒ D. NoSQL DBMSs, object-oriented DBMSs, and relational DBMSs.

Question Type : MCQ
Question ID : 4335766479
Option 1 ID : 43357625913
Option 2 ID : 43357625914
Option 3 ID : 43357625915
Option 4 ID : 43357625916
Status : Answered
Chosen Option : D

Q.71 In Python,.....module need to be imported for implementing Double Ended Queue.

- Ans ☒ A. counter
- ☒ B. collections
- ☒ C. random
- ☒ D. numpy

Question Type : MCQ
Question ID : 4335765990
Option 1 ID : 43357623957
Option 2 ID : 43357623958
Option 3 ID : 43357623959
Option 4 ID : 43357623960
Status : Answered
Chosen Option : B

e following expression?

3 + 3.00, 3**3.0

- Ans ☒ A. [6.0, 27.0]
☒ B. (6.0, 9.0)
☒ C. (6, 27)
☒ D. (6.0, 27.0)

Question Type : MCQ
Question ID : 4335766450
Option 1 ID : 43357625797
Option 2 ID : 43357625798
Option 3 ID : 43357625799
Option 4 ID : 43357625800
Status : Answered
Chosen Option : A

Q.73 What is the primary goal of the Backtracking approach in solving the Hamiltonian Cycle problem?

- Ans ☒ A. To find a cycle with the fewest edges
☒ B. To find a cycle with the lowest weight
☒ C. To find a cycle that visits every vertex exactly once
☒ D. To find a cycle with the maximum number of edges

Question Type : MCQ
Question ID : 4335766085
Option 1 ID : 43357624337
Option 2 ID : 43357624338
Option 3 ID : 43357624339
Option 4 ID : 43357624340
Status : Answered
Chosen Option : C

Q.74 Which statement is used to retrieve data from a database in SQL?

- Ans ☒ A. SELECT
☒ B. UPDATE
☒ C. DELETE
☒ D. INSERT

Question Type : MCQ
Question ID : 4335766276
Option 1 ID : 43357625101
Option 2 ID : 43357625102
Option 3 ID : 43357625103
Option 4 ID : 43357625104
Status : Answered
Chosen Option : C

f organizing wireless network topologies are?

- Ans ☒ A. Software
☒ B. Network
☒ C. Synchronization
☒ D. Cluster

Question Type : MCQ
Question ID : 4335766348
Option 1 ID : 43357625389
Option 2 ID : 43357625390
Option 3 ID : 43357625391
Option 4 ID : 43357625392
Status : Answered
Chosen Option : B

Q.76 Musa's Basic Model is used for measuring:

- Ans ☒ A. Software complexity
☒ B. Software reliability
☒ C. Software performance
☒ D. Software size

Question Type : MCQ
Question ID : 4335766221
Option 1 ID : 43357624881
Option 2 ID : 43357624882
Option 3 ID : 43357624883
Option 4 ID : 43357624884
Status : Answered
Chosen Option : B

Q.77 Which characteristics are taken together in chromaticity?

- Ans ☒ A. Hue and Saturation
☒ B. Hue and Brightness
☒ C. Saturation, Hue, and Brightness
☒ D. Saturation and Brightness

Question Type : MCQ
Question ID : 4335766413
Option 1 ID : 43357625649
Option 2 ID : 43357625650
Option 3 ID : 43357625651
Option 4 ID : 43357625652
Status : Answered
Chosen Option : C

data warehouse?

can be used to extract or filter the data & information from the

- Ans ☒ A. Data redundancy
- ☒ B. Data recovery tool
- ☒ C. Data mining
- ☒ D. Both B and C

Question Type : MCQ
Question ID : 4335766158
Option 1 ID : 43357624629
Option 2 ID : 43357624630
Option 3 ID : 43357624631
Option 4 ID : 43357624632
Status : Answered
Chosen Option : D

Q.79 Which memory management technique uses fixed-sized blocks of memory, allowing processes to be loaded into any available block?

- Ans ☒ A. Paging
- ☒ B. Segmentation
- ☒ C. Virtual memory
- ☒ D. Relocation

Question Type : MCQ
Question ID : 4335766134
Option 1 ID : 43357624533
Option 2 ID : 43357624534
Option 3 ID : 43357624535
Option 4 ID : 43357624536
Status : Answered
Chosen Option : B

Q.80 Which of the following is an extension to the basic model of Turing machine:

- Ans ☒ A. Multi tape Turing machine
- ☒ B. Multi head Turing machine
- ☒ C. Nondeterministic Turing machine
- ☒ D. All of the above

Question Type : MCQ
Question ID : 4335766310
Option 1 ID : 43357625237
Option 2 ID : 43357625238
Option 3 ID : 43357625239
Option 4 ID : 43357625240
Status : Answered
Chosen Option : A

- Ans ☒ A. Playing games on Computer
- ☒ B. Making a machine intelligent
- ☒ C. putting human intelligence into computer
- ☒ D. None of these

Question Type : MCQ
Question ID : 4335766353
Option 1 ID : 43357625409
Option 2 ID : 43357625410
Option 3 ID : 43357625411
Option 4 ID : 43357625412
Status : Answered
Chosen Option : D

Q.82 Assertion (A) and Reason (R) based questions. Mark the correct choice as:
Assertion (A) : Every object in Python is assigned a unique identity (ID).
Reason (R) : ID remains the same for the lifetime of that object.

- Ans ☒ A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of the Assertion (A).
- ☒ B. Both Assertion (A) and Reason (R) are true, but Reason (R) is not the correct explanation of the Assertion (A).
- ☒ C. Assertion (A) is true, but Reason (R) is false.
- ☒ D. Assertion (A) is false, but Reason (R) is true.

Question Type : MCQ
Question ID : 4335766463
Option 1 ID : 43357625849
Option 2 ID : 43357625850
Option 3 ID : 43357625851
Option 4 ID : 43357625852
Status : Answered
Chosen Option : B

Q.83 What is the primary purpose of Software Requirements Specification (SRS) documents?

- Ans ☒ A. To list the programming languages used
- ☒ B. To describe the user interface design
- ☒ C. To define the software's functional and non-functional requirements
- ☒ D. To specify the hardware components required

Question Type : MCQ
Question ID : 4335766203
Option 1 ID : 43357624809
Option 2 ID : 43357624810
Option 3 ID : 43357624811
Option 4 ID : 43357624812
Status : Answered
Chosen Option : A

plored level by level, starting from the:

- Ans ☒ A. Deepest level
- ☒ B. Shallowest level
- ☒ C. Middle level
- ☒ D. Highest degree vertex

Question Type : MCQ
Question ID : 4335766102
Option 1 ID : 43357624405
Option 2 ID : 43357624406
Option 3 ID : 43357624407
Option 4 ID : 43357624408
Status : Answered
Chosen Option : B

Q.85 Let the word be “automata”. The total number of states required to recognize the word using DFA would be _____

- Ans ☒ A. 9 states
- ☒ B. 8 states
- ☒ C. 10 states
- ☒ D. word cannot be recognized using DFA

Question Type : MCQ
Question ID : 4335766291
Option 1 ID : 43357625161
Option 2 ID : 43357625162
Option 3 ID : 43357625163
Option 4 ID : 43357625164
Status : Answered
Chosen Option : B

Q.86 In MYSQL, which type of value should not be enclosed within quotation marks ?

- Ans ☒ A. DATE
- ☒ B. VARCHAR
- ☒ C. FLOAT
- ☒ D. CHAR

Question Type : MCQ
Question ID : 4335766444
Option 1 ID : 43357625773
Option 2 ID : 43357625774
Option 3 ID : 43357625775
Option 4 ID : 43357625776
Status : Answered
Chosen Option : A

d in which type of computer systems?

Ans ☒ A. Mainframe computers

☐ B. Personal computers

☐ C. Supercomputers

☐ D. Mobile devices

Question Type : MCQ

Question ID : 4335766045

Option 1 ID : 43357624177

Option 2 ID : 43357624178

Option 3 ID : 43357624179

Option 4 ID : 43357624180

Status : Answered

Chosen Option : A

Q.88 ZigBee architecture has _____ layers?

Ans ☐ A. 4

☒ B. 5

☐ C. 6

☐ D. 7

Question Type : MCQ

Question ID : 4335766339

Option 1 ID : 43357625353

Option 2 ID : 43357625354

Option 3 ID : 43357625355

Option 4 ID : 43357625356

Status : Answered

Chosen Option : B

Q.89 What is the purpose of error control in the Data Link Layer?

Ans ☐ A. To prevent unauthorized access

☐ B. To correct errors in the physical layer

☒ C. To ensure reliable data transmission

☐ D. To manage network congestion

Question Type : MCQ

Question ID : 4335766184

Option 1 ID : 43357624733

Option 2 ID : 43357624734

Option 3 ID : 43357624735

Option 4 ID : 43357624736

Status : Answered

Chosen Option : B

devices is essential to set up a wired LAN?

- Ans ☒ A. Modem
☒ B. NIC
☒ C. Repeater
☒ D. Firewall

Question Type : MCQ
Question ID : 4335766460
Option 1 ID : 43357625837
Option 2 ID : 43357625838
Option 3 ID : 43357625839
Option 4 ID : 43357625840
Status : Answered
Chosen Option : D

Q.91 Convert the Boolean function $F(A, B, C) = \Sigma(0, 1, 3, 5)$ to its simplified SOP form.

- Ans ☒ A. $A + B + C$
☒ B. $A'B + AC$
☒ C. $A + B + C'$
☒ D. $A'B'C$

Question Type : MCQ
Question ID : 4335766046
Option 1 ID : 43357624181
Option 2 ID : 43357624182
Option 3 ID : 43357624183
Option 4 ID : 43357624184
Status : Answered
Chosen Option : A

Q.92 The main advantage of the overlay technique in memory management is that it allows:

- Ans ☒ A. Processes to be loaded into memory as a whole
☒ B. Processes to share memory partitions
☒ C. Large programs to be executed on systems with limited memory
☒ D. Processes to communicate directly with each other

Question Type : MCQ
Question ID : 4335766133
Option 1 ID : 43357624529
Option 2 ID : 43357624530
Option 3 ID : 43357624531
Option 4 ID : 43357624532
Status : Answered
Chosen Option : C

mmunication involves communication between:

- Ans ☒ A. Different network layers
- ☒ B. Different devices on the same network
- ☒ C. Devices using different protocols
- ☒ D. Processes on different devices

Question Type : MCQ
Question ID : 4335766193
Option 1 ID : 43357624769
Option 2 ID : 43357624770
Option 3 ID : 43357624771
Option 4 ID : 43357624772
Status : Answered
Chosen Option : B

Q.94 Which algorithm can be optimized to meet the timing deadlines and rate requirements of continuous media?

- Ans ☒ A. Earliest-Deadline-First scheduling
- ☒ B. SCAN-EDF scheduling
- ☒ C. Both Earliest-Deadline-First scheduling & SCAN-EDF scheduling
- ☒ D. None of the above

Question Type : MCQ
Question ID : 4335766400
Option 1 ID : 43357625597
Option 2 ID : 43357625598
Option 3 ID : 43357625599
Option 4 ID : 43357625600
Status : Answered
Chosen Option : C

Q.95 A socket is used for:

- Ans ☒ A. Physical data transmission
- ☒ B. Process-to-process communication
- ☒ C. Storing network protocols
- ☒ D. Network management

Question Type : MCQ
Question ID : 4335766189
Option 1 ID : 43357624753
Option 2 ID : 43357624754
Option 3 ID : 43357624755
Option 4 ID : 43357624756
Status : Answered
Chosen Option : A

ncryption Technique?

- Ans ☐ A. AES
☐ B. DES
☐ C. RSA
☒ D. FTP

Question Type : MCQ
Question ID : 4335766391
Option 1 ID : 43357625561
Option 2 ID : 43357625562
Option 3 ID : 43357625563
Option 4 ID : 43357625564
Status : Answered
Chosen Option : B

Q.97 Questions given below is of Assertion and Reason type question. This question consists of two statements, namely, Assertion (A) and Reason (R). Select the most suitable option considering the Assertion and Reason. Assertion (A) : It becomes difficult to update and maintain a website's design using CSS. Reason (R) : CSS allows web developers to separate the presentation layer (styles and layout) from the content layer (HTML).

- Ans ☐ A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).
☐ B. Both Assertion (A) and Reason (R) are true, but Reason (R) is not the correct explanation of Assertion (A).
☐ C. Assertion (A) is true, but Reason (R) is false.
☒ D. Assertion (A) is false, but Reason (R) is true.

Question Type : MCQ
Question ID : 4335766476
Option 1 ID : 43357625901
Option 2 ID : 43357625902
Option 3 ID : 43357625903
Option 4 ID : 43357625904
Status : Answered
Chosen Option : C

Q.98 How many inputs does a full -adder circuit have for each individual binary digit being added or subtracted?

- Ans ☐ A. 1 input
☐ B. 2 inputs
☒ C. 3 inputs
☐ D. 4 inputs

Question Type : MCQ
Question ID : 4335766032
Option 1 ID : 43357624125
Option 2 ID : 43357624126
Option 3 ID : 43357624127
Option 4 ID : 43357624128
Status : Answered
Chosen Option : B

release the first x86 microprocessor, the 8086, which laid the foundation for the x86 architecture widely used in personal computers?

- Ans ☒ A. 1971
- ☒ B. 1981
- ☒ C. 1986
- ☒ D. 1991

Question Type : MCQ
Question ID : 4335766056
Option 1 ID : 43357624221
Option 2 ID : 43357624222
Option 3 ID : 43357624223
Option 4 ID : 43357624224
Status : Answered
Chosen Option : B

Q.10 A threaded binary tree is a binary tree in which:
0

- Ans ☒ A. Each node has two children
- ☒ B. Each node has at most one child
- ☒ C. Each node is connected to its parent
- ☒ D. Each node has a thread connecting it to its predecessor or successor

Question Type : MCQ
Question ID : 4335766098
Option 1 ID : 43357624389
Option 2 ID : 43357624390
Option 3 ID : 43357624391
Option 4 ID : 43357624392
Status : Answered
Chosen Option : A

Section : Part II

Q.10 Affective domain focuses on adoption of a value system as a part of life style in
1

- Ans ☒ A. Responding
- ☒ B. Valuing
- ☒ C. Organization
- ☒ D. Characterization

Question Type : MCQ
Question ID : 4335763552
Option 1 ID : 43357614205
Option 2 ID : 43357614206
Option 3 ID : 43357614207
Option 4 ID : 43357614208
Status : Answered
Chosen Option : C

he roles of male and female." This statement articulates-

2

- Ans ☒ A. Gender as an inherent construct
- ☒ B. Gender as a hereditary endowment
- ☒ C. Gender as an intuitive construct
- ☒ D. Gender as a social construct

Question Type : MCQ
Question ID : 4335763943
Option 1 ID : 43357615769
Option 2 ID : 43357615770
Option 3 ID : 43357615771
Option 4 ID : 43357615772
Status : Answered
Chosen Option : B

Q.10 The affective domain was classified by
3

- Ans ☒ A. Benjamin S. Bloom
- ☒ B. Simpson
- ☒ C. Krathwhol
- ☒ D. Both A and C

Question Type : MCQ
Question ID : 4335763544
Option 1 ID : 43357614173
Option 2 ID : 43357614174
Option 3 ID : 43357614175
Option 4 ID : 43357614176
Status : Answered
Chosen Option : B

Q.10 A teacher should employ classroom management strategies which focus on:
4

- Ans ☒ A. controlling the class through rigid rules
- ☒ B. expecting same behaviour from all children
- ☒ C. making students abide to all rules without questioning
- ☒ D. giving ample opportunities for self reflection

Question Type : MCQ
Question ID : 4335763853
Option 1 ID : 43357615409
Option 2 ID : 43357615410
Option 3 ID : 43357615411
Option 4 ID : 43357615412
Status : Answered
Chosen Option : B

ing objectives is not being evaluated through our present system

5 of examination:

- Ans ☒ A. Affective
- ☒ B. Cognitive
- ☒ C. Psychomotor
- ☒ D. None of these

Question Type : MCQ
Question ID : 4335764182
Option 1 ID : 43357616725
Option 2 ID : 43357616726
Option 3 ID : 43357616727
Option 4 ID : 43357616728
Status : Answered
Chosen Option : A

Q.10 Individualized Education Programme is planned from the perspective of-
6

- Ans ☒ A. Special Education Programme
- ☒ B. Child-centered Education Programme
- ☒ C. Open School Education Programme
- ☒ D. e-Learning Education Programme

Question Type : MCQ
Question ID : 4335763939
Option 1 ID : 43357615753
Option 2 ID : 43357615754
Option 3 ID : 43357615755
Option 4 ID : 43357615756
Status : Answered
Chosen Option : B

Q.10 For the change in the behaviour of the children, the most effective method is
7

- Ans ☒ A. affectionate advice
- ☒ B. reward
- ☒ C. punishment
- ☒ D. expulsion from house

Question Type : MCQ
Question ID : 4335764049
Option 1 ID : 43357616193
Option 2 ID : 43357616194
Option 3 ID : 43357616195
Option 4 ID : 43357616196
Status : Answered
Chosen Option : A

ychologist believed in the fact that 'All children have the potential

8 to learn'?

- Ans ☒ A. Friedrich Frobel
- ☐ B. John Dewey
- ☐ C. Johann Friedrich Herbart
- ☐ D. Maria Montessori

Question Type : MCQ
Question ID : 4335764307
Option 1 ID : 43357617225
Option 2 ID : 43357617226
Option 3 ID : 43357617227
Option 4 ID : 43357617228
Status : Answered
Chosen Option : B

Q.10 The drawback of micro teaching is –
9

- Ans ☐ A. Not successful in real classroom conditions
- ☐ B. Lack of supervision is found
- ☐ C. No room for feedback
- ☒ D. Longer duration of study

Question Type : MCQ
Question ID : 4335763775
Option 1 ID : 43357615097
Option 2 ID : 43357615098
Option 3 ID : 43357615099
Option 4 ID : 43357615100
Status : Answered
Chosen Option : B

Q.11 Which of the following is more important for keeping the good mental health of
0 students?

- Ans ☐ A. Provision for curricula activities
- ☐ B. Freedom of expression
- ☐ C. Variety of interests
- ☒ D. Teacher's role and school environment

Question Type : MCQ
Question ID : 4335763874
Option 1 ID : 43357615493
Option 2 ID : 43357615494
Option 3 ID : 43357615495
Option 4 ID : 43357615496
Status : Answered
Chosen Option : A

d present a video clip in the class?

1

- Ans ☒ A. During explaining the content
- ☒ B. After explaining the content
- ☒ C. Before explaining the content
- ☒ D. None of these

Question Type : **MCQ**
Question ID : **4335764028**
Option 1 ID : **43357616109**
Option 2 ID : **43357616110**
Option 3 ID : **43357616111**
Option 4 ID : **43357616112**
Status : **Answered**
Chosen Option : **A**

Q.11 Component of curriculum is:

2

- Ans ☒ A. Teaching strategies
- ☒ B. Objectives
- ☒ C. Evaluation
- ☒ D. All of these

Question Type : **MCQ**
Question ID : **4335764166**
Option 1 ID : **43357616661**
Option 2 ID : **43357616662**
Option 3 ID : **43357616663**
Option 4 ID : **43357616664**
Status : **Answered**
Chosen Option : **A**

Q.11 The basic requirement of teaching efficiency is-

3

- Ans ☒ A. Mastery on teaching skills
- ☒ B. Mastery over use of different techniques of teaching.
- ☒ C. Mastery over appropriate use of media and technology in teaching.
- ☒ D. All the above

Question Type : **MCQ**
Question ID : **4335763472**
Option 1 ID : **43357613885**
Option 2 ID : **43357613886**
Option 3 ID : **43357613887**
Option 4 ID : **43357613888**
Status : **Answered**
Chosen Option : **D**

4

activity is considered in the post-active phase of teaching?

- Ans ☒ A. distribution of teaching strategies
- ☒ B. changing the strategies in terms of evidences gathered
- ☒ C. diagnosis of the learners
- ☒ D. sequencing the elements of content for presentation

Question Type : MCQ
Question ID : 4335763413
Option 1 ID : 43357613649
Option 2 ID : 43357613650
Option 3 ID : 43357613651
Option 4 ID : 43357613652
Status : Answered
Chosen Option : B

Q.11 An appropriate verb for an objective written to reflect assessment in the psychomotor domain of learning would be:

5

- Ans ☒ A. Acknowledge
- ☒ B. Explain
- ☒ C. Relates
- ☒ D. Assembles

Question Type : MCQ
Question ID : 4335763517
Option 1 ID : 43357614065
Option 2 ID : 43357614066
Option 3 ID : 43357614067
Option 4 ID : 43357614068
Status : Answered
Chosen Option : B

Q.11 One of the critiques of standardized tests has been that-

6

- Ans ☒ A. they represent largely the mainstream culture and are therefore biased
- ☒ B. their language is difficult to understand
- ☒ C. the tests cannot be administered on large populations
- ☒ D. they do not give a clear picture of a child's ability

Question Type : MCQ
Question ID : 4335763919
Option 1 ID : 43357615673
Option 2 ID : 43357615674
Option 3 ID : 43357615675
Option 4 ID : 43357615676
Status : Answered
Chosen Option : A

re major components of classroom process.

7

- Ans ☒ A. Evaluating teacher's performance
- ☒ B. Assessment of student's learning
- ☒ C. Expected learning outcomes
- ☒ D. Classroom transaction

Question Type : **MCQ**
Question ID : **4335764274**
Option 1 ID : **43357617093**
Option 2 ID : **43357617094**
Option 3 ID : **43357617095**
Option 4 ID : **43357617096**
Status : **Answered**
Chosen Option : **C**

Q.11 The evaluation used to improve the contents during curriculum development is:
8

- Ans ☒ A. Summative evaluation
- ☒ B. Formative evaluation
- ☒ C. Diagnostic evaluation
- ☒ D. None of these

Question Type : **MCQ**
Question ID : **4335764206**
Option 1 ID : **43357616821**
Option 2 ID : **43357616822**
Option 3 ID : **43357616823**
Option 4 ID : **43357616824**
Status : **Answered**
Chosen Option : **B**

Q.11 Who developed inductive approach in science teaching?
9

- Ans ☒ A. Aristotle
- ☒ B. Bruner
- ☒ C. Gagne
- ☒ D. Francis Bacon

Question Type : **MCQ**
Question ID : **4335763581**
Option 1 ID : **43357614321**
Option 2 ID : **43357614322**
Option 3 ID : **43357614323**
Option 4 ID : **43357614324**
Status : **Answered**
Chosen Option : **D**

her must

0

- Ans ☐ A. encourage classroom and panel discussion
- ☐ B. be guidance minded
- ☒ C. first decide what changes should take place in the learner
- ☐ D. observe students' reactions skillfully

Question Type : **MCQ**
Question ID : **4335763671**
Option 1 ID : **43357614681**
Option 2 ID : **43357614682**
Option 3 ID : **43357614683**
Option 4 ID : **43357614684**
Status : **Answered**
Chosen Option : **C**

Q.12 The Socratic method is known as

1

- Ans ☐ A. Lecture demonstration method
- ☐ B. Discussion method
- ☐ C. Inquiry method
- ☒ D. Question- Answer method

Question Type : **MCQ**
Question ID : **4335763658**
Option 1 ID : **43357614629**
Option 2 ID : **43357614630**
Option 3 ID : **43357614631**
Option 4 ID : **43357614632**
Status : **Answered**
Chosen Option : **A**

Q.12 An outline-of the topics of a subject which covered in specific time is called:

2

- Ans ☐ A. Programme
- ☒ B. Syllabus
- ☐ C. Curriculum
- ☐ D. Course

Question Type : **MCQ**
Question ID : **4335764176**
Option 1 ID : **43357616701**
Option 2 ID : **43357616702**
Option 3 ID : **43357616703**
Option 4 ID : **43357616704**
Status : **Answered**
Chosen Option : **B**

3

cher must be

- Ans ☒ A. dominating
- ☒ B. short-tempered
- ☒ C. autocratic
- ☒ D. warm, understanding and self-controlling

Question Type : **MCQ**
Question ID : **4335763964**
Option 1 ID : **43357615853**
Option 2 ID : **43357615854**
Option 3 ID : **43357615855**
Option 4 ID : **43357615856**
Status : **Answered**
Chosen Option : **D**

Q.12 Delivering lectures about key concepts that lead to student discussions is an example
4 of

- Ans ☒ A. Engage
- ☒ B. Elaborate
- ☒ C. Explore
- ☒ D. Explain

Question Type : **MCQ**
Question ID : **4335763728**
Option 1 ID : **43357614909**
Option 2 ID : **43357614910**
Option 3 ID : **43357614911**
Option 4 ID : **43357614912**
Status : **Answered**
Chosen Option : **B**

Q.12 The hypothesis underlying team teaching is
5

- Ans ☒ A. Teachers feel bore while working alone
- ☒ B. Teachers are not competent
- ☒ C. The best teachers in schools are shared by more students
- ☒ D. The single teacher cannot control the class

Question Type : **MCQ**
Question ID : **4335763805**
Option 1 ID : **43357615217**
Option 2 ID : **43357615218**
Option 3 ID : **43357615219**
Option 4 ID : **43357615220**
Status : **Answered**
Chosen Option : **C**

hierarchy is

6

- Ans ☒ A. Understanding
- ☒ B. Application
- ☒ C. Evaluation
- ☒ D. Analysis

Question Type : MCQ
Question ID : 4335763522
Option 1 ID : 43357614085
Option 2 ID : 43357614086
Option 3 ID : 43357614087
Option 4 ID : 43357614088
Status : Answered
Chosen Option : A

Q.12 In Piaget's theory of cognitive development, the form of reasoning at one stage
7 becomes the _____ at the next stage:

- Ans ☒ A. content.
- ☒ B. structure.
- ☒ C. process.
- ☒ D. dialectical opposite

Question Type : MCQ
Question ID : 4335763793
Option 1 ID : 43357615169
Option 2 ID : 43357615170
Option 3 ID : 43357615171
Option 4 ID : 43357615172
Status : Answered
Chosen Option : B

Q.12 The best method to inspire students for hard labour is
8

- Ans ☒ A. one should himself do hard labour seeing which students will be inspired spontaneously
- ☒ B. laborious students should be rewarded
- ☒ C. a lecture about the importance of hard labour be delivered
- ☒ D. the example of success through hard labour be presented

Question Type : MCQ
Question ID : 4335764046
Option 1 ID : 43357616181
Option 2 ID : 43357616182
Option 3 ID : 43357616183
Option 4 ID : 43357616184
Status : Answered
Chosen Option : D

9

or a teacher to resolve the problems in a class?

- Ans ☒ A. Ask for other teacher's opinion
- ☒ B. Depends on one's own opinion
- ☒ C. Think on suggestions offered by the children and implement the good ones
- ☒ D. Use the view that Principal gives

Question Type : MCQ
Question ID : 4335764295
Option 1 ID : 43357617177
Option 2 ID : 43357617178
Option 3 ID : 43357617179
Option 4 ID : 43357617180
Status : Answered
Chosen Option : C

Q.13 Which of the following would you use to shape the habits?
0

- Ans ☒ A. Indoctrination
- ☒ B. Teaching
- ☒ C. Training
- ☒ D. None of these

Question Type : MCQ
Question ID : 4335763433
Option 1 ID : 43357613729
Option 2 ID : 43357613730
Option 3 ID : 43357613731
Option 4 ID : 43357613732
Status : Answered
Chosen Option : C

Section : Part III

Q.13 With reference to Indian history, consider the following statements :

1. The first Mongol invasion of India happened during the reign of Jalal-ud-din Khalji.
 2. During the reign of Ala-ud-din Khalji, one Mongol assault marched up to Delhi and besieged the city.
 3. Mubammad-bin-Tughlaq temporarily lost portions of north-west of his kingdom to Mongols
- Which of the statements given above is/are correct?

- Ans ☒ A. 1 and 2
- ☒ B. 2 only
- ☒ C. 1 and 3
- ☒ D. 3 only

Question Type : MCQ
Question ID : 4335764351
Option 1 ID : 43357617401
Option 2 ID : 43357617402
Option 3 ID : 43357617403
Option 4 ID : 43357617404
Status : Answered
Chosen Option : C

is not prism?

2

Ans ☒ A. cuboid

☒ B. circle

☒ C. Pentagonal Prism

☒ D. cube

Question Type : MCQ

Question ID : 4335764679

Option 1 ID : 43357618713

Option 2 ID : 43357618714

Option 3 ID : 43357618715

Option 4 ID : 43357618716

Status : Answered

Chosen Option : C

Q.13 Which of the following statements with reference to Surface inversion of temperature

3 is/are correct ?

1. It causes instability in the lower layers of the atmosphere.

2. This inversion commonly lasts for a few hours until the Sun comes up.

Select the correct answer from the given options :

Ans ☒ A. 1 Only

☒ B. 2 Only

☒ C. Both 1 and 2

☒ D. Neither 1 nor 2

Question Type : MCQ

Question ID : 4335764377

Option 1 ID : 43357617505

Option 2 ID : 43357617506

Option 3 ID : 43357617507

Option 4 ID : 43357617508

Status : Answered

Chosen Option : B

Q.13 Painting to a boy, Neha said " He is the son of the only child of my Grand father. How is

4 the boy related to Neha?

Ans ☒ A. Brother

☒ B. Cousin

☒ C. Uncle

☒ D. Son in law

Question Type : MCQ

Question ID : 4335764894

Option 1 ID : 43357619573

Option 2 ID : 43357619574

Option 3 ID : 43357619575

Option 4 ID : 43357619576

Status : Answered

Chosen Option : A

nd Hydel Project is located in which of the following States in

5 India?

- Ans ☒ A. Jammu and Kashmir
- ☒ B. Himachal Pradesh
- ☒ C. Arunachal Pradesh
- ☒ D. Uttar Pradesh

Question Type : MCQ
Question ID : 4335764622
Option 1 ID : 43357618485
Option 2 ID : 43357618486
Option 3 ID : 43357618487
Option 4 ID : 43357618488
Status : Answered
Chosen Option : A

Q.13 What is the national animal of America ?
6

- Ans ☒ A. Tiger and Bald Eagle
- ☒ B. Bald Eagle and the American Bison
- ☒ C. American Bison and Yak
- ☒ D. Golden eagle and Bison

Question Type : MCQ
Question ID : 4335764526
Option 1 ID : 43357618101
Option 2 ID : 43357618102
Option 3 ID : 43357618103
Option 4 ID : 43357618104
Status : Answered
Chosen Option : C

Q.13 Special Economic Zones (SEZ) are developed to
7

- Ans ☒ A. Generate additional economic activity throughout the country
- ☒ B. Beautify suburban areas
- ☒ C. Upgrade the facilities in the countryside
- ☒ D. Promote investment from domestic and foreign sources

Question Type : MCQ
Question ID : 4335764492
Option 1 ID : 43357617965
Option 2 ID : 43357617966
Option 3 ID : 43357617967
Option 4 ID : 43357617968
Status : Answered
Chosen Option : B

8

ity to do work.

- Ans ☒ A. energy
- ☒ B. force
- ☒ C. energy and force both
- ☒ D. none of these

Question Type : MCQ
Question ID : 4335764543
Option 1 ID : 43357618169
Option 2 ID : 43357618170
Option 3 ID : 43357618171
Option 4 ID : 43357618172
Status : Answered
Chosen Option : C

Q.13 Where is the old and over 2 km-long ‘Pamban Railway Bridge’, which attracts tourists from all over the country?

- Ans ☒ A. Nilgiri
- ☒ B. Krishna delta
- ☒ C. Palk straits
- ☒ D. Malabar coast

Question Type : MCQ
Question ID : 4335764630
Option 1 ID : 43357618517
Option 2 ID : 43357618518
Option 3 ID : 43357618519
Option 4 ID : 43357618520
Status : Answered
Chosen Option : A

Q.14 What is a common effect of inflation on purchasing power?

- Ans ☒ A. Increase in purchasing power
- ☒ B. Decrease in purchasing power
- ☒ C. No effect on purchasing power
- ☒ D. Increase in savings

Question Type : MCQ
Question ID : 4335764422
Option 1 ID : 43357617685
Option 2 ID : 43357617686
Option 3 ID : 43357617687
Option 4 ID : 43357617688
Status : Answered
Chosen Option : A

tion instead of the question mark in the given question.

1

Mango : Fruit :: Onion : ?

- Ans ☒ A. Root
☒ B. Fruit
☒ C. Flower
☒ D. Stem

Question Type : MCQ
Question ID : 4335764829
Option 1 ID : 43357619313
Option 2 ID : 43357619314
Option 3 ID : 43357619315
Option 4 ID : 43357619316
Status : Answered
Chosen Option : C

Q.14 In the given number series what number will come in place of the Question Mark
2 Symbol.

340, 316, 286, 250, ?

- Ans ☒ A. 280
☒ B. 249
☒ C. 208
☒ D. 148

Question Type : MCQ
Question ID : 4335764855
Option 1 ID : 43357619417
Option 2 ID : 43357619418
Option 3 ID : 43357619419
Option 4 ID : 43357619420
Status : Answered
Chosen Option : A

Q.14 What did Gandhi do to break the salt law?
3

- Ans ☒ A. Dandi March
☒ B. Ahmedabad March
☒ C. Champaran March
☒ D. All

Question Type : MCQ
Question ID : 4335764594
Option 1 ID : 43357618373
Option 2 ID : 43357618374
Option 3 ID : 43357618375
Option 4 ID : 43357618376
Status : Answered
Chosen Option : C

BCD' is written as 24 and 'EFGH' is written as 1680, then how is

4 'IJKL' written in that code?

Ans ☒ A. 11880

☒ B. 11240

☒ C. 7920

☒ D. 5940

Question Type : MCQ

Question ID : 4335764820

Option 1 ID : 43357619277

Option 2 ID : 43357619278

Option 3 ID : 43357619279

Option 4 ID : 43357619280

Status : Answered

Chosen Option : B

Q.14 What is the remainder when 2765 is divided by 6?
5

Ans ☒ A. 5

☒ B. 6

☒ C. 4

☒ D. 3

Question Type : MCQ

Question ID : 4335764709

Option 1 ID : 43357618833

Option 2 ID : 43357618834

Option 3 ID : 43357618835

Option 4 ID : 43357618836

Status : Answered

Chosen Option : A

Q.14 The number of vertices (V) , edges (E) and faces (F) of a polyhedron are respectively
6 10,15 and x. Then, the value of $(3x-12)$ is :

Ans ☒ A. 9

☒ B. 14

☒ C. 18

☒ D. 7

Question Type : MCQ

Question ID : 4335764773

Option 1 ID : 43357619089

Option 2 ID : 43357619090

Option 3 ID : 43357619091

Option 4 ID : 43357619092

Status : Answered

Chosen Option : B

mbers?

7

- Ans ☒ A. The numbers whose dot pattern can be arranged in triangles
- ☒ B. The numbers which form a triangle on adding
- ☒ C. The numbers which have three digits
- ☒ D. The numbers which do not give perfect squares on adding

Question Type : MCQ
Question ID : 4335764749
Option 1 ID : 43357618993
Option 2 ID : 43357618994
Option 3 ID : 43357618995
Option 4 ID : 43357618996
Status : Answered
Chosen Option : A

Q.14 Choose the correct option to fill in the blank.
8 The Vernacular Press Act was passed in.....on the lines of the Irish Press Act.

- Ans ☒ A. 1878
- ☒ B. 1968
- ☒ C. 1887
- ☒ D. 1778

Question Type : MCQ
Question ID : 4335764458
Option 1 ID : 43357617829
Option 2 ID : 43357617830
Option 3 ID : 43357617831
Option 4 ID : 43357617832
Status : Answered
Chosen Option : B

Q.14 6 Person are sitting in two rows, numbered 3-3. If E does not sit at any of the ends. Dis
9 second to the left of F. C is neighbour of E and sits diagonally opposite to D. B is
neighbour of F. Then Tell who will be in front of B ?

- Ans ☒ A. A
- ☒ B. E
- ☒ C. C
- ☒ D. D

Question Type : MCQ
Question ID : 4335764936
Option 1 ID : 43357619741
Option 2 ID : 43357619742
Option 3 ID : 43357619743
Option 4 ID : 43357619744
Status : Answered
Chosen Option : B

one term missing. Select the correct alternative from the given

0 ones that will complete the series.
B, C, E, H, L, ?

Ans  A. P

 B. O

 C. N

 D. Q

Question Type : **MCQ**

Question ID : **4335764974**

Option 1 ID : **43357619893**

Option 2 ID : **43357619894**

Option 3 ID : **43357619895**

Option 4 ID : **43357619896**

Status : **Answered**

Chosen Option : **B**