

Exam Name : AEGCL_Assistant Manager_Information_Technology

Total Questions : 100

Description : **Important Examination Instructions**

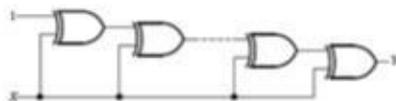
1. Each question will carry 1 (One) Mark for correct answer.
2. There will be a negative marking of 0.25 (one-fourth) marks for wrong answer
3. Do not use the alt-tab, mouse or any other device to shift from examination screen to any other screen or do not try to open any other application while attempting the examination. Doing so may result in discontinuation of examination and your examination will be considered as null and void. **Attempting to close the browser repeatedly will lock the exam.**

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1. **How to start the test:** You can start the test by clicking the Declaration Check box and then 'I am ready to begin button ' .
 2. **How to change the question:** For the move to the next question you have to click on the 'Save And Next' button the same as for move to the back, click on the 'Previous' button.
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 - Red Color: Current Question.
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Q.1

If the input to the digital circuit shown in fig. below consisting of a cascade of 20 XOR gates is X, then the output Y is equal to



(A) X
(C) 0

(B) \bar{X}
(D) 1

Marks 1

Question ID:
1306

No	Options Details	Correct Option
1	A	
2	B	
3	C	
4	D	✓

Q.4

For the truth table shown in fig. below, Boolean expression for \bar{X} is

A	B	C	X
0	0	0	1
0	0	1	0
0	1	0	1
0	1	1	1
1	0	0	1
1	0	1	0
1	1	0	0
1	1	1	1

(A) $\bar{A}B + BC + \bar{A}\bar{C} + \bar{B}\bar{C}$

(B) $\bar{B}C + AB\bar{C}$

(C) $\bar{B}C$

(D) ABC

Marks 1

Question ID:
1309

No	Options Details	Correct Option
1	A	
2	B	✓
3	C	
4	D	

Q.5

Two 16 : 1 and one 2 : 1 multiplexer can be connected to form a

Marks 1

Question ID:
1310

No	Options Details	Correct Option
1	16 : 1 multiplexer	
2	32 : 1 multiplexer	✓
3	64 : 1 multiplexer	
4	8 : 1 multiplexer	

Q.6 The number of flip flops needed for Mod 7 counter are

Marks 1

Question ID:
1311

No	Options Details	Correct Option
1	7	
2	5	
3	3	✓
4	1	

Q.7 With a 50 kHz clock frequency, how much time is needed to serially enter six bits into a shift register.

Marks 1

Question ID:
1312

No	Options Details	Correct Option
1	12 μ s	
2	120 μ s	✓
3	12 ms	
4	120 ms	

Q.8

A cache contains n blocks and main memory contains m blocks. If k way set associative mapping is used that what will be number of TAG bits-

(A) $\log_2 \frac{mk}{n}$

(B) $\log_2 \frac{m}{n}$

(C) $\log_2 \frac{nk}{m}$

(D) $\log_2 \frac{mn}{k}$

Marks 1

Question ID:
1313

No	Options Details	Correct Option
1	A	✓
2	B	
3	C	
4	D	

Q.9

Match List-I with List-II and select the correct answer using the codes given below the lists :

List-I	List-II
A. $\text{Regs}[\text{R}_4] \leftarrow \text{Regs}[\text{R}_4] + \text{Regs}[\text{R}_3]$	1. Immediate
B. $\text{Regs}[\text{R}_4] \leftarrow \text{Regs}[\text{R}_4] + 3$	2. Register
C. $\text{Regs}[\text{R}_4] \leftarrow \text{Regs}[\text{R}_4] + \text{mem}[\text{Regs}[\text{R}_1]]$	3. Displacement

Codes :

	A	B	C
(A)	3	2	1
(B)	2	1	3
(C)	1	2	3
(D)	3	1	2

Marks 1

Question ID:
1314

No	Options Details	Correct Option
1	A	
2	B	✓
3	C	
4	D	

Q.10 Which of the following lists memory types from highest to lowest access speed?

Marks 1

Question ID:
1315

No	Options Details	Correct Option
1	Secondary storage, main memory, cache, registers	
2	Registers, cache, secondary storage, main memory	
3	Registers, cache, main memory, secondary storage	✓
4	Cache, registers, main memory, secondary storage	

Q.11

The sequence of events that happen during a typical fetch operation is

- (A) PC → MAR → Memory → MDR → IR
- (B) PC → Memory → MDR → IR
- (C) PC → Memory → IR
- (D) PC → MAR → Memory → IR

Marks 1

Question ID:
1316

No	Options Details	Correct Option
1	A	✓
2	B	
3	C	
4	D	

Q.12

The word length of a CPU is defined as

Marks 1

Question ID:
1317

No	Options Details	Correct Option
1	The maximum addressable memory size	
2	The width of a CPU register (integer or Float point)	✓
3	The width of the address	
4	The data width in each memory location	

Q.13

Which of the following improve system performance by temporarily storing data during transfers between devices or processes that operate at different speeds.

Marks 1

Question ID:
1318

No	Options Details	Correct Option
1	Caches	
2	Controllers	
3	Buffers	✓
4	Registers	

Q.16

Output of following program?

```
#include <stdio.h>
int main()
{
int a[ ][ ] = {{1,2},{3,4}};
int i, j;
for (i = 0; i < 2; i++)
for (j = 0; j < 2; j++)
printf("%d ", a[i][j]);
return 0;
}
```

- (A) 1 2 3 4
- (B) Compiler Error
- (C) 4 garbage values
- (D) 4 3 2 1

Marks 1

Question ID:
1321

No	Options Details	Correct Option
1	A	
2	B	✓
3	C	
4	D	

Q.17

How many stacks are needed to implement a queue? Consider the situation where no other data structure like arrays, linked list is available to you.

Marks 1

Question ID:
1322

No	Options Details	Correct Option
1	1	
2	2	✓
3	3	
4	4	

Q.18

Consider the function f defined below.

```
struct item {  
int data;  
struct item * next;  
};  
int f(struct item *p) {  
return ((p == NULL) || (p ->next == NULL) ||  
((p->data <= p -> next -> data) &&  
f(p-> next)));  
}
```

For a given linked list p, the function f returns 1 if and only if

- (A) The list is empty or has exactly one element
- (B) The elements in the list are sorted in non-decreasing order of data value
- (C) The elements in the list are sorted in non-increasing order of data value
- (D) Not all elements in the list have the same data value

Marks 1

Question ID:
1323

No	Options Details	Correct Option
1	A	
2	B	✓
3	C	
4	D	

Q.19

A complete n-ary tree is one in which every node has 0 or n sons. If x is the number of internal nodes of a complete n-ary tree, the number of leaves in it is given by

Marks 1

Question ID:
1324

No	Options Details	Correct Option
1	$x(n-1)+1$	✓
2	$xn-1$	
3	$xn+1$	
4	$x(n+1)$	

Q.20

Let $T(n)$ be the number of different binary search trees on n distinct elements.

$$T(n) = \sum_{k=1}^n T(k-1)T(x)$$

Then, where x is

(A) $n-k+1$

(B) $n-k$

(C) $n-k-1$

(D) $n-k-2$

Marks 1

Question ID:
1325

No	Options Details	Correct Option
1	A	
2	B	✓
3	C	
4	D	

Q.21 Let G be an arbitrary graph with n nodes and k components. If a vertex is removed from G , the number of components in the resultant graph must necessarily lie between

Marks 1

Question ID:
1326

No	Options Details	Correct Option
1	$k + 1$ and $n + 1$	
2	$k - 1$ and $n + 1$	
3	$k - 1$ and $n - 1$	✓
4	$k + 1$ and $n - k$	

Q.22 Given the following list of numbers [1, 20, 11, 5, 2, 9, 16, 14, 13, 19] what would be the first pivot using the median of 3 method?

Marks 1

Question ID:
1327

No	Options Details	Correct Option
1	1	
2	9	✓
3	16	
4	19	

Q.23

If both f and h are individually $O(n)$, then

- (A) $f(n) \pm h(n)$ are $O(n)$
- (B) $f(n) + h(n)$ is $O(n)$ but $f(n) - h(n)$ is not $O(n)$
- (C) $f(n) - h(n)$ is $O(n)$ but $f(n) + h(n)$ is not $O(n)$
- (D) The given information is incomplete to make any conclusions

Marks 1

Question ID:
1328

No	Options Details	Correct Option
1	A	✓
2	B	
3	C	
4	D	

Q.24

In general, in a recursive and non-recursive implementation of a problem (program) :

Marks 1

Question ID:
1329

No	Options Details	Correct Option
1	Both time and space complexities are better in recursive than in non-recursive program	
2	Both time and space complexities are better in non-recursive than in recursive program	✓
3	Time complexity is better in recursive version but space complexity is better in non-recursive version of the program	
4	Space complexity is better in recursive version but time complexity is better in non-recursive version of the program	

Q.25

We insert the keys 5, 28, 19, 15, 20, 33, 12, 17, 10 into a hash table with collision resolved by chaining. Let the table have 9 slots and let the hash function be $h(k) = k \bmod 9$. Then which of the following statement is FALSE.

- (A) 10, 19, 28 is mapped to some slot
- (B) 33, 15 is mapped to same slot
- (C) The 0th slot empty
- (D) The 8th slot is empty.

Marks 1

Question ID:
1330

No	Options Details	Correct Option
1	A	
2	B	
3	C	
4	D	✓

Q.26

Dijkstra algorithm, which solves the single-source shortest-paths problem, is a _____, and the Floyd-Warshall algorithm, which finds shortest paths between all pairs of vertices, is a _____.

Marks 1

Question ID:
1331

No	Options Details	Correct Option
1	Greedy algorithm, Divide-conquer algorithm	
2	Divide-conquer algorithm, Greedy algorithm	
3	Greedy algorithm, Dynamic programming algorithm	✓
4	Dynamic programming algorithm, Greedy algorithm	

Q.27

Strassen's algorithm is a/an _____ algorithm and its running time is _____ formatrix multiplication.

- (A) Non- recursive, $O(n^{1.81})$
- (B) Recursive, $O(n^{2.81})$
- (C) Recursive, $O(n^3)$
- (D) Accurate, $O(n^3)$

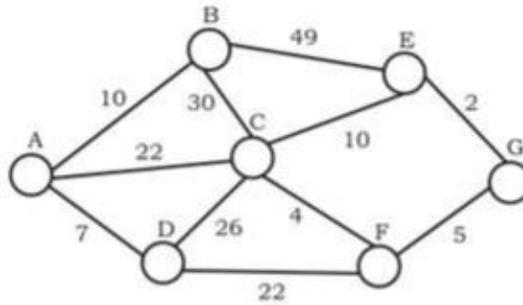
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Question ID:
1332

No	Options Details	Correct Option
1	A	
2	B	✓
3	C	
4	D	

Q.28

Consider the undirected graph below :



Using Prim's algorithm to construct a minimum spanning tree starting with node A, which one of the following sequences of edges represents a possible order in which the edges would be added to construct the minimum spanning tree?

- (A) (E, G), (C, F), (F, G), (A, D), (A, B), (A, C)
- (B) (A, D), (A, B), (A, C), (C, F), (G, E), (F, G)
- (C) (A, B), (A, D), (D, F), (F, G), (G, E), (F, C)
- (D) (A, D), (A, B), (D, F), (F, C), (F, G), (G, E)

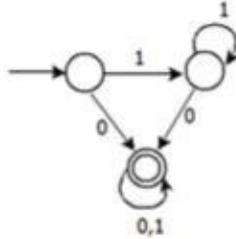
Marks 1

Question ID:
1333

No	Options Details	Correct Option
1	A	
2	B	
3	C	
4	D	✓

Q.29

Choose the correct statement for the following :



- (A) For the language accepted by A which is also a minimal DFA
- (B) A accepts all strings over {0,1} of length atleast 2
- (C) A accepts all strings over {0,1} of length exactly 2
- (D) Both (A) and (B)

Marks 1

Question ID:
1334

No	Options Details	Correct Option
1	A	
2	B	
3	C	
4	D	✓

Q.30

If P, Q, R are three regular expressions and if P does not contain a then the equation $R = R + RP$ has a unique solution given by

- (A) $R = QP^*$
- (B) $R = P^*Q$
- (C) $R = RP$
- (D) $R = Q + QP^*$

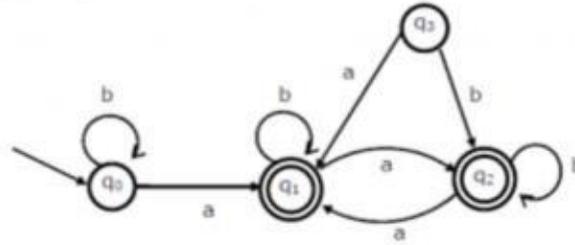
Marks 1

Question ID:
1335

No	Options Details	Correct Option
1	A	✓
2	B	
3	C	
4	D	

Q.31

The language accepted by this DFA is



- (A) $b^*ab^*ab^*ab^*$
- (C) $b^*a(a+b)^*$

- (B) $(a+b)^*$
- (D) $b^*ab^*ab^*$

Marks 1

Question ID:
1336

No	Options Details	Correct Option
1	A	
2	B	
3	C	✓
4	D	

Q.32

$$L = \{0^i1^j2^k \mid j > i+k\}$$

Which of the following satisfies the language?

- (A) 0111100
- (B) 011100
- (C) 0001100
- (D) 0101010

Marks 1

Question ID:
1337

No	Options Details	Correct Option
1	A	✓
2	B	
3	C	
4	D	

Q.33

The CYK algorithm constructs table from where we can conclude whether w is in L

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

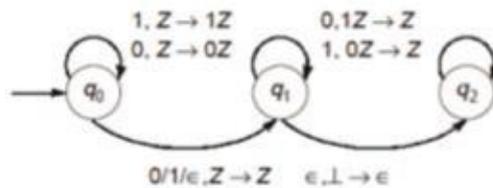
Marks 1

Question ID:
1338

No	Options Details	Correct Option
1	A	✓
2	B	
3	C	
4	D	

Q.34

Consider the NPDA $\langle Q = \{q_0, q_1, q_2\}, \Sigma = \{0, 1\}, \Gamma = \{0, 1, \perp\}, \delta, q_0, \perp, F = \{q_2\}$, where (as per usual convention) Q is the set of states, Σ is the input alphabet, Γ is stack alphabet, δ is the state transition function, q_0 is the initial state, \perp is the initial stack symbol, and F is the set of accepting states, The state transition is as follows: Which one of the following sequences must follow the string 101100 so that the overall string is accepted by the automaton?



- (A) 10110
- (B) 10010
- (C) 01010
- (D) 01001

Marks 1

Question ID:
1339

No	Options Details	Correct Option
1	A	
2	B	✓
3	C	
4	D	

Q.35 A language L is said to be _____ if there is a turing machine M such that $L(M)=L$ and M halts at every point.

Marks 1

Question ID:
1340

No	Options Details	Correct Option
1	Turing acceptable	
2	Decidable	✓
3	Undecidable	
4	Recursive	

Q.36 The lexical analyzer takes _____ as input and produces a stream of _____ as output.

Marks 1

Question ID:
1341

No	Options Details	Correct Option
1	Source program, tokens	✓
2	Token, source program	
3	Either of the two	
4	None of the mentioned	

Q.37 Which of the following derivations does a top-down parser use while parsing an input string?

Marks 1

Question ID:
1342

No	Options Details	Correct Option
1	Leftmost derivation	✓
2	Leftmost derivation in reverse	
3	Rightmost derivation	
4	Rightmost derivation in reverse	

Q.38 The table created by lexical analysis to describe all literals used in the source program is?

Marks 1

Question ID:
1343

No	Options Details	Correct Option
1	Terminal table	
2	Literal table	✓
3	Identifier table	
4	Reductions	

Q.39 If an error occurs, what compiler do?

Marks 1

Question ID:
1344

No	Options Details	Correct Option
1	Terminate Programme	
2	Stops execution	
3	Reads the whole program even if it encounters errors	✓
4	Give warning	

Q.40

Consider the following grammar.

$S \rightarrow S * E$

$S \rightarrow E$

$E \rightarrow F + E$

$E \rightarrow F$

$F \rightarrow id$

Consider the following LR (0) items corresponding to the grammar above.

(i) $S \rightarrow S * . E$

(ii) $E \rightarrow F . + E$

(iii) $E \rightarrow F + . E$

Given the items above, which two of them will appear in the same set in the canonical sets-of-items for the grammar?

(A) (ii)

(B) (i) and (iii)

(C) (iii)

(D) (i)

Marks 1

Question ID:
1345

No	Options Details	Correct Option
1	A	
2	B	
3	C	✓
4	D	

Q.44 Which of the following operating systems do you use for a client-server Network

Marks 1

Question ID:
1349

No	Options Details	Correct Option
1	MAC	
2	Linux	
3	Windows XP	
4	Windows 2000	✓

Q.45 Which of the following operating systems does not support more than one program at a time

Marks 1

Question ID:
1350

No	Options Details	Correct Option
1	Linux	
2	Windows	
3	MAC	
4	DOS	✓

Q.46 Which of the following statements is false ?

Marks 1

Question ID:
1351

No	Options Details	Correct Option
1	Virtual memory implements the translation of a program's address space into physical memory address space	
2	Virtual memory allows each program to exceed the size of the primary memory	
3	Virtual memory increases the degree of multiprogramming	
4	Virtual memory reduces the context switching overhead	✓

Q.50 Every weak entity set can be converted into a strong entity set by:

Marks 1

Question ID:
1355

No	Options Details	Correct Option
1	Using generalization	
2	Adding appropriate attributes	✓
3	Using aggregation	
4	Using Approximation	

Q.51

In tuple relational calculus $P1 \rightarrow P2$ is equivalent to

(A) $\neg P1 \wedge P2$

(B) $P1 \wedge P2$

(C) $\neg P1 \vee P2$

(D) $P1 \wedge \neg P2$

Marks 1

Question ID:
1356

No	Options Details	Correct Option
1	A	
2	B	
3	C	✓
4	D	

Q.52 What is the purpose of the SQL AS clause?

Marks 1

Question ID:
1357

No	Options Details	Correct Option
1	The AS SQL clause is used to change the name of a column in the result set or to assign a name to a derived column	✓
2	The AS clause is used with the JOIN clause only	
3	The AS clause defines a search condition	
4	The AS clause defines a sort condition	

Q.53 Which Operator Performs Pattern Matching ?

Marks 1

Question ID:
1358

No	Options Details	Correct Option
1	BETWEEN operator	
2	LIKE operator	✓
3	EXISTS operator	
4	NOT EXISTS operator	

Q.54

Let r be a relation instance with schema $R = (A, B, C, D)$. We define $r_1 = \text{'select } A, B, C \text{ from } r\text{'}$ and $r_2 = \text{'select } A, D \text{ from } r\text{'}$. Let $s = r_1 * r_2$ where $*$ denotes natural join. Given that the decomposition of r into r_1 and r_2 is lossy, which one of the following is TRUE?

- (A) s is subset of r (B) $r \cup s = r$
(C) r is a subset of s (D) $r * s = s$

Marks 1

Question ID:
1359

No	Options Details	Correct Option
1	A	
2	B	
3	C	✓
4	D	

Q.55

The most widely used structure for index structures, is known to be

- (A) B^+ Structure (B) Balanced Tree Structure
(C) Sequential Tree Structure (D) Unbalanced Tree Structure

Marks 1

Question ID:
1360

No	Options Details	Correct Option
1	A	✓
2	B	
3	C	
4	D	

Q.56 _____ rules used to limit the volume of log information that has to be handled and processed in the event of system failure involving the loss of volatile information.

Marks 1

Question ID:
1361

No	Options Details	Correct Option
1	Write-ahead log	
2	Check-pointing	✓
3	Log buffer	
4	Thomas	

Q.57

Match the following to one of the seven layers :

- | | |
|-------------------------------------|------------------------|
| P. Route determination | 1. Application layer |
| Q. Flow control | 2. Transport layer |
| R. Interfaces to transmission media | 3. Network layer |
| S. Provides access to the end user | 4. Physical layer |
| (A) P-1, Q-2, R-3, S-4 | (B) P-3, Q-4, R-2, S-1 |
| (C) P-3, Q-2, R-4, S-1 | (D) P-2, Q-1, R-4, S-3 |

Marks 1

Question ID:
1362

No	Options Details	Correct Option
1	A	
2	B	
3	C	✓
4	D	

Q.58 "Each packet contains the full source and destination address". This statement indicates which of the following

Marks 1

Question ID:
1363

No	Options Details	Correct Option
1	Virtual circuit	
2	Datagram	✓
3	Data link	
4	FDDI	

Q.59 In cyclic redundancy checking, the divisor is _____ the CRC.

Marks 1

Question ID:
1364

No	Options Details	Correct Option
1	The same size as	
2	One bit less than	
3	One bit more than	✓
4	Two bits more than	

Q.60

In IPv4 addressing format, the number of networks allowed under class C addresses is

(A) 2^{14}

(B) 2^7

(C) 2^{21}

(D) 2^{24}

Marks 1

Question ID:
1365

No	Options Details	Correct Option
1	A	
2	B	
3	C	✓
4	D	

Q.61

Choose the correct alternative that will continue the same pattern and fill in the blank space.

2, 1, 2, 4, 4, 5, 6, 7, 8, 8, 10, 11, _____?

(A) 9

(B) 10

(C) 11

(D) 12

Marks 1

Question ID:
1366

No	Options Details	Correct Option
1	A	
2	B	✓
3	C	
4	D	

Q.62

Choose the correct alternative that will continue the same pattern and fill in the blank space.

13, 32, 24, 43, 35 (-----) 46, 65, 57, 76.

(A) 45

(B) 52

(C) 54

(D) 55

Marks 1

Question ID:
1367

No	Options Details	Correct Option
1	A	
2	B	
3	C	✓
4	D	

Q.63

Choose the correct alternative that will continue the same pattern and fill in the blank space.

5, 17, 37, 65 (-----) 145

(A) 95

(B) 97

(C) 99

(D) 101

Marks 1

Question ID:
1368

No	Options Details	Correct Option
1	A	
2	B	
3	C	
4	D	✓

Q.64

Choose the correct alternative that will continue the same pattern and fill in the blank space.

3, 8, 22, 63, 185 (-----)

(A) 550

(B) 310

(C) 295

(D) 285

Marks 1

Question ID:
1369

No	Options Details	Correct Option
1	A	✓
2	B	
3	C	
4	D	

Q.65 Taxonomy : Classification : : Pedology : ?

Marks 1

Question ID:
1370

No	Options Details	Correct Option
1	Nature	
2	Farming	
3	Soil	✓
4	Mountain	

Q.66 Ornithologist : Birds :: Anthropologist : ?

Marks 1

Question ID:
1371

No	Options Details	Correct Option
1	Plants	
2	Animals	
3	Mankind	✓
4	Environment	

Q.67 Fruit : Banana :: Mammal : ?

Marks 1

Question ID:
1372

No	Options Details	Correct Option
1	Cow	✓
2	Snake	
3	Fish	
4	Sparrow	

Q.68 Sculptor : Statue :: Poet : ?

Marks 1

Question ID:
1373

No	Options Details	Correct Option
1	Canvas	
2	Pen	
3	Verse	✓
4	Chisel	

Q.69 Choose the word which is least like the other words in the group:

Marks 1

Question ID:
1374

No	Options Details	Correct Option
1	Sparrow	✓
2	Eagle	
3	Hawk	
4	Vulture	

Q.70

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

Marks 1**Question ID:**
1375

No	Options Details	Correct Option
1	Anger	
2	Grief	
3	Humourous	✓
4	Kindness	

Q.71

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

Marks 1**Question ID:**
1376

No	Options Details	Correct Option
1	Swimming	
2	Sailing	
3	Diving	
4	Driving	✓

Q.72

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

Marks 1**Question ID:**
1377

No	Options Details	Correct Option
1	Crow	
2	Pigeon	
3	Parrot	
4	Butterfly	✓

Q.73

If Mohini says "the father of Rajeev is the only son of my father" then how is mohini related to Rajeev.

Marks 1

Question ID:
1378

No	Options Details	Correct Option
1	Daughter	
2	Sister	
3	Mother	
4	None of the above	✓

Q.74

Introducing man, a women said "His wife is the only Daughter of my mother" how is the women related to that man?

Marks 1

Question ID:
1379

No	Options Details	Correct Option
1	Aunt	
2	Wife	✓
3	Mother-in-law	
4	Maternal aunt	

Q.75

According to English alphabet as BC is related to YX in the same way EF is related to whom?

Marks 1

Question ID:
1380

No	Options Details	Correct Option
1	UV	
2	VU	✓
3	WV	
4	VW	

Q.76 According to English Alphabet as DFE is related to WUV in the same way FGH is related to whom?

Marks 1

Question ID:
1381

No	Options Details	Correct Option
1	TVU	
2	RTS	
3	TRS	
4	SQR	
5	Error in question / Answer options. Grace marks will be awarded.	✓

Q.77 If CEG is Written as TSR and FHJ is written as QPO than IKM is written as?

Marks 1

Question ID:
1382

No	Options Details	Correct Option
1	NOP	
2	PON	
3	Milk	
4	NML	✓

Q.78 Extroverts Means

Marks 1

Question ID:
1383

No	Options Details	Correct Option
1	Reserved person	
2	Hates others	
3	Out going person	✓
4	Likes to be alone	

Q.79 Mayer - Salovey - Caruso Emotional Intelligence Test (MSCEIT) contains how many items?

Marks 1

Question ID:
1384

No	Options Details	Correct Option
1	120	
2	141	✓
3	180	
4	160	

Q.80 What are the causes of Coronary Heart Disease (CHD)?

Marks 1

Question ID:
1385

No	Options Details	Correct Option
1	Death	
2	Family Histories	
3	High blood Pressure	
4	All the above	✓

Q.81 "India 2020-vision for the New Millennium" was written by

Marks 1

Question ID:
1386

No	Options Details	Correct Option
1	APJ Abdul Kalam	✓
2	P.V. Narasimha Rao	
3	Indira Gandhi	
4	Kiran Bedi	

Q.82 "Santhi Swarup Bhatnagar Award" is given to the eminent of which field.

Marks 1

Question ID:
1387

No	Options Details	Correct Option
1	Literature	
2	Science and Technology	✓
3	Music	
4	Sports	

Q.83 Where is the Eden Garden Play Ground located

Marks 1

Question ID:
1388

No	Options Details	Correct Option
1	Mumbai	
2	Chennai	
3	Delhi	
4	Kolkata	✓

Q.84 International Literacy Day is celebrated on

Marks 1

Question ID:
1389

No	Options Details	Correct Option
1	September 8	✓
2	October 8	
3	November 8	
4	December 8	

Q.85 SENSEX means

Marks 1

Question ID:
1390

No	Options Details	Correct Option
1	Sensitivity Index of Share Price	✓
2	Shares and Securities Exchange	
3	Securities Index and Share Price	
4	None of the above	

Q.86 Which is the capital of Mizoram state in India?

Marks 1

Question ID:
1391

No	Options Details	Correct Option
1	Gauhati	
2	Imphal	
3	Kohima	
4	Izwal	✓

Q.87 Who invented rubber tyres?

Marks 1

Question ID:
1392

No	Options Details	Correct Option
1	Thomas Hancock	✓
2	Walter Hunt	
3	Georges Claude	
4	Rudolf Diesel	

Q.88 Kausalacharya Award (2020) was given to which state

Marks 1

Question ID:
1393

No	Options Details	Correct Option
1	Telangana	
2	Andhra Pradesh	✓
3	Kerala	
4	Gujarat	

Q.89 Who is the Vice-President of USA?

Marks 1

Question ID:
1394

No	Options Details	Correct Option
1	Joe Biden	
2	Barack Obama	
3	Kamala Harris	✓
4	Hillary Clinton	

Q.90 Gond Tribals are living in which state

Marks 1

Question ID:
1395

No	Options Details	Correct Option
1	Kerala	
2	Maharashtra	✓
3	Karnataka	
4	Tamil Nadu	

Q.91

Given below a word in capital letters is followed by four words or groups of words. Select the word or groups of words that is most similar in meaning to the word in capital letters.

OPINIONATED

(A) Open minded

(B) Receptive

(C) Adamant

(D) Broad minded

Marks 1

Question ID:
1396

No	Options Details	Correct Option
1	A	
2	B	
3	C	✓
4	D	

Q.92

Given below a word in capital letters is followed by four words or phrases as [A], [B], [C] and [D]. Select the word or phrase which is nearly opposite to the meaning of the original word and mark the correct response as [A], [B], [C] or [D] as the case may be.

OBTUSE

(A) Sharp

(B) Dull

(C) Slow

(D) Blunt

Marks 1

Question ID:
1397

No	Options Details	Correct Option
1	A	✓
2	B	
3	C	
4	D	

Q.93

In the given below sentence the parts have been jumbled. These parts have been labelled P, Q, R and S. You are required to re-arrange the jumbled parts of the sentence and mark your response accordingly.

I will keep quiet / the sleeping baby / not to disturb / so as

P Q R S

- (A) PRQS (B) QRSP
(C) SPRQ (D) PSRQ

Marks 1

Question ID:
1398

No	Options Details	Correct Option
1	A	
2	B	
3	C	
4	D	✓

Q.94

Complete the given sentence by choosing the most appropriate word/s from the given alternatives.

The medicine could not _____ her pain.

- (A) dampen (B) infuriate
(C) aggravate (D) alleviate

Marks 1

Question ID:
1399

No	Options Details	Correct Option
1	A	
2	B	
3	C	
4	D	✓

Q.100

Read the following passage and answer the questions that follows it.

In the years proceeding World War II, America experienced an economic boom. New technologies introduced atomic energy, synthetic materials and chemicals, such as pesticides, which led to advancements in agriculture and consumer products. The booming economy allowed the average family to afford a house, automobile and other amenities at soaring rates.

What does the word 'soaring' mean?

(A) rising

(B) stable

(C) falling

(D) standard

Marks 1

Question ID:
1405

No	Options Details	Correct Option
1	A	✓
2	B	
3	C	
4	D	