

Exam Name : AEGCL_Junior 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.**

How to use the system:

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.
 3. **How to answer a question:** You can select any answer by clicking on the button displayed just before the answers. You have to finally click the button - Save and Next - to save your answer and move to the next question. In Exam Sections, the Red Circle corresponding to this question turns Green. You can go to any section / any question number by clicking the relevant control.
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- Circle symbols displayed at the bottom of the screen:
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Q.1	Class is pass by	Question ID: 1606
Marks	1	
No	Options Details	Correct Option
1	Value	
2	Reference	✓
3	Value or Reference, depending on program	
4	Copy	

Q.2

What will be the output of the following program?

```
#include<iostream.h>
void main()
{
float x=5,y=2;
int result;
result=x % y;
cout<<result;
}
```

- (A) 1 (B) 1.0
(C) Error message (D) 2.5

Marks 1

Question ID:
1607

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

Q.3

```
int a=1 , b=2;
a=chg(b);
cout << a << b ;
If the function chg is coded as
```

```
int chg(int x)
{
x = 10;
return ();
}
```

- (A) it prints 112 (B) it results in compile-time error
(C) it prints 111 (D) it results in run time error

Marks 1

Question ID:
1608

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

Q.4

Which one of the following are essential features of an object-oriented programming language?

- (i) Abstraction and encapsulation
 - (ii) Strictly-typedness
 - (iii) Type-safe property coupled with sub-type rule
 - (iv) Polymorphism in the presence of inheritance
- (A) (i) and (ii) only (B) (i) and (iv) only
(C) (i), (ii) and (iv) only (D) (i), (iii) and (iv) only

Marks 1

Question ID: 1609

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

Q.5

What will be the output of the following C++ code?

```
#include <iostream>
using namespace std;
int main()
{
    char arr[20];
    int i;
    for(i = 0; i < 10; i++)
        *(arr + i) = 65 + i;
    *(arr + i) = '\\0';
    cout << arr;
    return(0);
}
```

- (A) ABCDEFGHIJ
(C) JJJJJJJ

- (B) AAAAAAAAAA
(D) AAAAAAJJJJ

Marks 1

Question ID:
1610

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

Q.6 Reusability is a desirable feature of a language as it

Marks 1

Question ID:
1611

No	Options Details	Correct Option
1	decreases the testing time	
2	lowers the maintenance cost	
3	reduces the compilation time	
4	both (A) and (B)	✓

Q.7 Department (dept name, building, budget) and Employee (employee_id, name, dept name, salary)
Here the dept_name attribute appears in both the relations. Here using common attributes in relation schema is one way of relating _____ relations.

Marks 1

Question ID:
1612

No	Options Details	Correct Option
1	Attributes of common	
2	Tuple of common	
3	Tuple of distinct	✓
4	Attributes of distinct	

Q.8 Given the basic ER and relational models, which of the following is INCORRECT?

Marks 1

Question ID:
1613

No	Options Details	Correct Option
1	An attribute of an entity can have more than one value	
2	An attribute of an entity can be composite	
3	In a row of a relational table, an attribute can have more than one value	✓
4	In a row of a relational table, an attribute can have exactly one value or a NULL value	

Q.9 Consider the FDs given in above question. The relation R is

Marks 1

Question ID:
1614

No	Options Details	Correct Option
1	in 3NF, but not in BCNF	
2	in 2NF, but not in 3NF	
3	in 1NF, but not in 2NF	✓
4	in BCNF	

Q.10

Let x, y, z, a, b, c be the attributes of an entity set E. If {x}, {x, y}, {a, b}, {a, b, c}, {x, y, z} are superkeys then which of the following are the candidate keys?

- (A) {x, y} and {a, b} (B) {x} and {a, b}
(C) {x, y, z} and {a, b, c} (D) {z} and {c}

Marks 1

Question ID:
1615

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

Q.11

If the state of the database no longer reflects a real state of the world that the database is supposed to capture, then such a state is called

Marks 1

Question ID:
1616

No	Options Details	Correct Option
1	Consistent state	
2	Parallel state	
3	Durable state	
4	Inconsistent state	✓

Q.12

Consider the following ORACLE relations :

R (A, B, C) = {<1, 2, 3>, <1, 2, 0>, <1, 3, 1>, <6, 2, 3>, <1, 4, 2>, <3, 1, 4>}

S (B, C, D) = {<2, 3, 7>, <1, 4, 5>, <1, 2, 3>, <2, 3, 4>, <3, 1, 4>}

Consider the following two SQL queries SQ₁ and SQ₂ :

SQ₁ : SELECT R.B, AVG (S.B)

FROM R, S

WHERE R.A = S.C AND S.D < 7 GROUP BY R.B;

SQ₂ : SELECT DISTINCT S.B, MIN (S.C)

FROM S

GROUP BY S.B

HAVING COUNT (DISTINCT S.D) > 1;

If M is the number of tuples returned by SQ₁ and N is the number of tuples returned by SQ₂ then

(A) M = 2, N = 2

(B) M = 5, N = 3

(C) M = 4, N = 2

(D) M = 3, N = 3

Marks 1

Question ID:
1617

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

Q.13 Which of the following requires a device driver?

Marks 1

Question ID:
1618

No	Options Details	Correct Option
1	Register	
2	Cache	
3	Main memory	
4	Disk	✓

Q.14

A process executes the code

```
fork();
```

```
fork();
```

```
fork();
```

The total number of child processes created is

(A) 3

(B) 4

(C) 7

(D) 8

Marks 1

Question ID:
1619

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

Q.15

If the quantum time of round robin algorithm is very large, then it is equivalent to

Marks 1

Question ID:
1620

No	Options Details	Correct Option
1	First in first out	✓
2	Shortest Job Next	
3	Lottery scheduling	
4	None of the above	

Q.16

A system uses FIFO policy for page replacement. It has 4 page frames with no pages loaded to begin with. The system first accesses 100 distinct pages in some order and then accesses the same 100 pages but now in the reverse order. How many page faults will occur?

(A) 196

(B) 192

(C) 197

(D) 195

Marks 1

Question ID:
1621

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

Q.17

A file system with 300 GByte uses a file descriptor with 8 direct block address, 1 indirect block address and 1 doubly indirect block address. The size of each disk block is 128 Bytes and the size of each disk block address is 8 Bytes. The maximum possible file size in this file system is

- (A) 3 Kbytes (B) 35 Kbytes
(C) 280 Bytes (D) Dependent on the size of the disk

Marks 1

Question ID:
1622

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

Q.18 Which of the following statements about synchronous and asynchronous I/O is NOT true?

Marks 1

Question ID:
1623

No	Options Details	Correct Option
1	An ISR is invoked on completion of I/O in synchronous I/O but not in asynchronous I/O	
2	In both synchronous and asynchronous I/O, an ISR (Interrupt Service Routine) is invoked after completion of the I/O	✓
3	A process making a synchronous I/O call waits until I/O is complete, but a process making an asynchronous I/O call does not wait for completion of the I/O	
4	In the case of synchronous I/O, the process waiting for the completion of I/O is woken up by the ISR that is invoked after the completion of I/O	

Q.19 Which of the following sorting algorithms has the highest best case time complexity using array data structure ?

Marks 1

Question ID:
1624

No	Options Details	Correct Option
1	Heap sort	
2	Insertion sort	
3	Selection sort	✓
4	Bubble sort	

Q.20

Consider the label sequences obtained by the following pairs of traversals on a labeled binary tree. Which of these pairs identify a tree uniquely

- (i) preorder and postorder
 - (ii) inorder and postorder
 - (iii) preorder and inorder
 - (iv) level order and postorder
- (A) (i) only (B) (ii), (iii)
(C) (iii) only (D) (iv) only

Marks 1

Question ID:
1625

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

Q.21

Postorder traversal of a given binary search tree, T produces the following sequence of keys

10, 9, 23, 22, 27, 25, 15, 50, 95, 60, 40, 29

Which one of the following sequences of keys can be the result of an in-order traversal of the tree T?

- (A) 9, 10, 15, 22, 23, 25, 27, 29, 40, 50, 60, 95
- (B) 9, 10, 15, 22, 40, 50, 60, 95, 23, 25, 27, 29
- (C) 29, 15, 9, 10, 25, 22, 23, 27, 40, 60, 50, 95
- (D) 95, 50, 60, 40, 27, 23, 22, 25, 10, 9, 15, 29

Marks 1

Question ID:
1626

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

Q.22

The height of a binary tree is the maximum number of edges in any root to leaf path. The maximum number of nodes in a binary tree of height h is:

- (A) $2^h - 1$ (B) $2^{(h-1)} - 1$
(C) $2^{(h+1)} - 1$ (D) $2 * (h+1)$

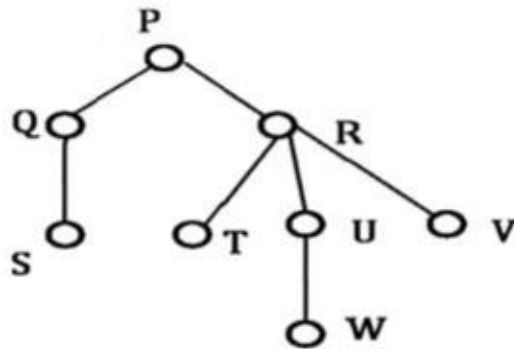
Marks 1

Question ID:
1627

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

Q.23

Consider the following rooted tree with the vertex P labeled as root



The order in which the nodes are visited during in-order traversal is

- (A) SQPTRWUV (B) SQPTURWV
(C) SQPTWUVR (D) SQPTRUWV

Marks 1

Question ID:
1628

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

Q.24

In a complete k -ary tree, every internal node has exactly k children. The number of leaves in such a tree with n internal nodes is

- (A) nk (B) $(n-1)k+1$
(C) $n(k-1)+1$ (D) $n(k-1)$

Marks 1

Question ID:
1629

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

Q.25 Operation code field is present in

Marks 1

Question ID:
1630

No	Options Details	Correct Option
1	Programming language instruction	
2	Assembly language instruction	✓
3	Machine language instruction	
4	None of the mentioned	

Q.26 The instructions that transfer the control to some predefined address or the address specified in the instruction are called as

Marks 1

Question ID:
1631

No	Options Details	Correct Option
1	sequential control flow instructions	
2	control transfer instructions	✓
3	sequential control flow & control transfer instructions	
4	none of the mentioned	

Q.27 A 20-bit address bus allows access to a memory of capacity

Marks 1

Question ID:
1632

No	Options Details	Correct Option
1	1 MB	✓
2	2 MB	
3	4 MB	
4	8 MB	

Q.28 DMA is used between

Marks 1

Question ID:
1633

No	Options Details	Correct Option
1	Microprocessor and I/O	
2	Microprocessor and memory	✓
3	Memory and I/O	
4	None of the above	

Q.29 A bus connected between the CPU and main memory that permits transfer of information between main memory and the CPU is known as

Marks 1

Question ID:
1634

No	Options Details	Correct Option
1	DMA bus	
2	Memory bus	✓
3	Address bus	
4	Control bus	

Q.30

You are given the following instruction

ADD AX , [1024]

You are provided the following data:

DS = 3423H ; SS = 1234H ; CS= 4567H

Find the effective address location for the given instruction.

(A) 35254 H

(B) 13364 H

(C) 46694 H

(D) 4447 H

Marks 1

Question ID:
1635

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

Q.31

To guarantee the detection of upto 5 errors in all cases, the minimum Hamming distance in block code must be

Marks 1

Question ID:
1636

No	Options Details	Correct Option
1	5	
2	6	✓
3	11	
4	none of the above	

Q.32

In the 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:
1637

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

Q.33 In banyan switch for 8 inputs and 8 outputs we have _____ micro switches at each stage.

Marks 1

Question ID:
1638

No	Options Details	Correct Option
1	8	
2	4	✓
3	3	
4	2	

Q.34

For the IEEE 802.11 MAC protocol for wireless communication, which of the following statements is/are TRUE?

I. At least three non-overlapping channels are available for transmissions.

II. The RTS-CTS mechanism is used for collision detection.

III. Unicast frames are ACKed.

(A) All I, II, and III

(B) I and III only

(C) II and III only

(D) II only

Marks 1

Question ID:
1639

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

Q.35 Circuit switching takes place at which layer?

Marks 1

Question ID:
1640

No	Options Details	Correct Option
1	Physical layer	✓
2	Datalink layer	
3	Network layer	
4	Both (A) and (B)	

Q.36 A cookie is made by the _____ and eaten by the _____.

Marks 1

Question ID:
1641

No	Options Details	Correct Option
1	Client; Client	
2	Client; server	
3	server; server	✓
4	None of the above	

Q.37 Any type of application or presentation that involves more than one type of media, such as text, graphics, video, animation, and sound.

Marks 1

Question ID:
1642

No	Options Details	Correct Option
1	An executable file	
2	Desktop publishing	
3	Multimedia	✓
4	Hypertext	

Q.38 Compression ratio is the ratio of

Marks 1

Question ID:
1643

No	Options Details	Correct Option
1	the original file size to the size of the compressed file	✓
2	the number of pixels in a frame of the original size to those in a frame of the compressed file	
3	compressed file size to the original file size	
4	none of the mentioned	

Q.39 A piece of icon or image on a web page associated with another webpage is

Marks 1

Question ID:
1644

No	Options Details	Correct Option
1	url	
2	hyperlink	✓
3	plugin	
4	extension	

Q.40

Consider the HTML table definition given below :

```
< table border=1>
<tr>
<td rowspan=2> ab </td>
<td colspan=2> cd </td>
</tr>
<tr>
<td> ef </td>
<td rowspan=2> gh </td>
</tr>
<tr>
<td colspan=2> ik </td>
</tr>
</table>
```

The number of rows in each column and the number of columns in each row are :

- (A) (2, 2, 3) and (2, 3, 2) (B) (2, 2, 3) and (2, 2, 3)
(C) (2, 3, 2) and (2, 3, 2) (D) (2, 3, 2) and (2, 2, 3)

Marks 1

Question ID:
1645

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

Q.41 Which of the following is the wire protocol for WebScket?

Marks 1

Question ID:
1646

No	Options Details	Correct Option
1	RFC6455	✓
2	RFC6477	
3	RFC6567	
4	RFC8967	

Q.42

What will be the output of following code snippet?

```
<style h1 {color: green;}>
```

```
<h1>Hello</h1>
```

(A) h1 heading becomes green

(B) error

(C) h1 heading disappears

(D) nothing happens

Marks 1

Question ID:
1647

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

Q.43 Logic X-OR operation of 4AC0 and B53F

Marks 1

Question ID:
1648

No	Options Details	Correct Option
1	11FF	
2	FFFF	✓
3	0	
4	AACB	

Q.44 A RAM chip has a capacity of 1024 words of 8 bits each (1K x 8). The number of 2 x 4 decoders with enable line needed to construct a 16K x 16 RAM from 1K x 8 RAM is

Marks 1

Question ID:
1649

No	Options Details	Correct Option
1	4	
2	7	
3	6	
4	5	✓

Q.45 How many 32K x 1 RAM chips are needed to provide a memory capacity of 256K-bytes?

Marks 1

Question ID:
1650

No	Options Details	Correct Option
1	8	
2	32	
3	64	✓
4	128	

Q.46 After the completion of the DMA transfer, the processor is notified by

Marks 1

Question ID:
1651

No	Options Details	Correct Option
1	Acknowledge signal	
2	Interrupt signal	✓
3	WMFC signal	
4	None of the mentioned	

Q.47 During the execution of a program which gets initialized first?

Marks 1

Question ID:
1652

No	Options Details	Correct Option
1	MDR	
2	IR	
3	PC	✓
4	MAR	

Q.48

Consider the following statements :

- I. Daisy chaining is used to assign priorities in attending interrupts.
- II. When a device raises a vectored interrupt, the CPU does polling to identify the source of the interrupt.
- III. In polling, the CPU periodically checks the status bits to know if any device needs its attention.
- IV. During DMA, both the CPU and DMA controller can be bus masters at the same time.

Which of the above statements is/are TRUE?

- (A) I and IV only
- (B) I and II only
- (C) III only
- (D) I and III only

Marks 1

Question ID:
1653

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

Q.49

From the following truth table, $V = 1$ if and only if the input is valid.

Inputs				Outputs		
D_0	D_1	D_2	D_3	X_0	X_1	V
0	0	0	0	x	x	0
1	0	0	0	0	0	1
x	1	0	0	0	1	1
x	x	1	0	1	0	1
x	x	x	1	1	1	1

What function does the truth table represent?

- (A) Priority encoder (B) Decoder
(C) Multiplexer (D) Demultiplexer

Marks 1

Question ID: 1654

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

Q.50 A ring counter with 5 flip flops will have _____ states.

Marks 1

Question ID: 1655

No	Options Details	Correct Option
1	5	✓
2	10	
3	32	
4	Infinite	

Q.51 The greatest negative number which can be stored is 8 bit computer using 2's complement arithmetic is

Marks 1

Question ID:
1656

No	Options Details	Correct Option
1	-256	
2	-128	✓
3	-255	
4	-127	

Q.52 Which of the following statements is correct?

Marks 1

Question ID:
1657

No	Options Details	Correct Option
1	Copper has partially filled conduction band	✓
2	Diamond has a completely filled conduction band but an empty valence band	
3	Silicon has a partially filled conduction band but an empty valence band	
4	Energy gap between conduction and valence bands in diamond is smaller than in silicon	

Q.53 The maximum efficiency of a half-wave rectifier is

Marks 1

Question ID:
1658

No	Options Details	Correct Option
1	40.60%	✓
2	81.20%	
3	50%	
4	25%	

Q.54 If you were to create client/server applications, which model would you go for?

Marks 1

Question ID:
1659

No	Options Details	Correct Option
1	WINWIN Spiral Model	
2	Concurrent Model	✓
3	Spiral Model	
4	Incremental Model	

Q.55

The coupling between different modules of a software is categorized as follows :

- I. Content coupling
- II. Common coupling
- III. Control coupling
- IV. Stamp coupling
- V. Data coupling

Coupling between modules can be ranked in the order of strongest (least desirable) to weakest (most desirable) as follows :

- (A) I-III-V -II-IV
- (B) V-IV-III-II-I
- (C) I-II-III-IV-V
- (D) IV-II-V-III-I

Marks 1

Question ID:
1660

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

Q.56 In the context of modular software design, which one of the following combinations is desirable?

Marks 1

Question ID:
1661

No	Options Details	Correct Option
1	High cohesion and high coupling	
2	Low cohesion and high coupling	
3	High cohesion and low coupling	✓
4	Low cohesion and low coupling	

Q.57 The extent to which the s/w can continue to operate correctly despite the introduction of invalid inputs is called as

Marks 1

Question ID:
1662

No	Options Details	Correct Option
1	Reliability	
2	Portability	
3	Fault tolerance	
4	Robustness	✓

Q.58 A software organization has been assessed at SEI CMM Level 4. Which of the following does the organization need to practice beside Process Change Management and Technology Change Management in order to achieve Level 5?

Marks 1

Question ID:
1663

No	Options Details	Correct Option
1	Defect Detection	
2	Defect Isolation	
3	Defect Prevention	✓
4	Defect Propagation	

Q.59 Which of the following is not a key issue stressed by an agile philosophy of software engineering?

Marks 1

Question ID:
1664

No	Options Details	Correct Option
1	The importance of self-organizing teams as well as communication and collaboration between team members and customers	
2	Recognition that change represents opportunity	
3	Emphasis on rapid delivery of software that satisfies the customer	
4	Having a separate testing phase after a build phase	✓

Q.60	What determines the type of processor and RAM required for a motherboard?	
Marks	1	Question ID: 1665
No	Options Details	Correct Option
1	RAM	
2	Cache	
3	Chipset	✓
4	CPU	

Q.61	Look at this series: JAZ, LEX, NIV, PMT. What alternative should come next?	
Marks	1	Question ID: 1666
No	Options Details	Correct Option
1	QUR	
2	RQR	✓
3	RUS	
4	SUR	

Q.62	Observe the given set of number and find the suitable response from the following 12112: 23223 :: 34334:	
Marks	1	Question ID: 1667
No	Options Details	Correct Option
1	45554	
2	45445	✓
3	45545	
4	44555	

Q.63	Which word is the odd man out?	
Marks	1	Question ID: 1668
No	Options Details	Correct Option
1	trivial	
2	unimportant	
3	important	✓
4	insignificant	

Q.64 Safe : Secure :: Protect :

Marks 1

Question ID:
1669

No	Options Details	Correct Option
1	Lock	
2	Guard	✓
3	Sure	
4	Conserve	

Q.65

Reentry occurs when a person leaves his or her social system for a period of time and then returns. Which situation below best describes Reentry?

- (A) When he is offered a better paying position, Javed leaves the hotel he manages to manage another one in a neighboring city.
- (B) Charan is spending her final year of college studying abroad in China.
- (C) Manan is readjusting to civilian life after 2 years of overseas merchant navy service.
- (D) After 5 miserable months, Sneha decides that she can no longer share her room with roommate Shital

Marks 1

Question ID:
1670

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

Q.66 A watch reads 9:00 o'clock and I found that the hour hand is pointing South-East. In what direction, the minute hand of my watch is at that time?

Marks 1

Question ID:
1671

No	Options Details	Correct Option
1	North-east	✓
2	North-west	
3	South-west	
4	South-east	

Q.67 The digits of a two digit number differ by 3. Find the difference of the number and the number formed by reversing its digits

Marks 1

Question ID:
1672

No	Options Details	Correct Option
1	18	
2	27	✓
3	36	
4	45	

Q.68 Use the sentence: "A Vibration could not exist without _____." Find the word that fits in

Marks 1

Question ID:
1673

No	Options Details	Correct Option
1	motion	✓
2	electricity	
3	science	
4	sound	

Q.69 If in a certain language MYSTRERY is coded as NZTUJGZ, how is NEMESIS coded in that language

Marks 1

Question ID:
1674

No	Options Details	Correct Option
1	MDLHRDR	
2	OFNFTJT	✓
3	ODNHTDR	
4	PGOKUGU	

Q.70 Observe the number series and find the next number in series: 2, 3, 5, 8, 13, 21,

Marks 1

Question ID:
1675

No	Options Details	Correct Option
1	29	
2	30	
3	32	
4	34	✓

Q.71 Who is the author of "Feminine Psychology"?

Marks 1

Question ID:
1676

No	Options Details	Correct Option
1	Adler	
2	Karen Horney	✓
3	William James	
4	Carl Jung	

Q.72 Use the correct verb form in the sentence; She jumped off the bus while it

Marks 1

Question ID:
1677

No	Options Details	Correct Option
1	was moving	✓
2	moved	
3	is moving	
4	had moved	

Q.73

Identify the appropriate relationship in the given Venn diagram for Human beings: Women: Housewives, respectively.



(A) X: Y: Z

(B) Z: Y: X

(C) Y: X: Z

(D) Z: X: Y

Marks 1

Question ID:
1678

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

Q.74 Konstantinos V. Petrides is known to propose which of the following model of Emotional intelligence

Marks 1

Question ID:
1679

No	Options Details	Correct Option
1	Ability model	
2	Trait model	✓
3	Mixed model	
4	Social model	

Q.75 According to Eysenck, the three basic dimensions of personality are

Marks 1

Question ID:
1680

No	Options Details	Correct Option
1	Extraversion, agreeableness, conscientiousness	
2	Extraversion, neuroticism, psychoticism	✓
3	Conscientiousness, neuroticism, psychoticism	
4	Psychoticism, extraversion, conscientiousness	

Q.76 The _____ measures the electrical resistance of the skin

Marks 1

Question ID:
1681

No	Options Details	Correct Option
1	EMG	
2	GSR	✓
3	EEG	
4	ECG	

Q.77 _____ is the major way for a person to reduce dissonance

Marks 1

Question ID:
1682

No	Options Details	Correct Option
1	To change one of the cognitive elements	✓
2	To repeat the old cognitive elements	
3	To motivate the person	
4	To suppress his emotions	

Q.78 Scientists claim that _____ percent of our bodily disease is said to be stress-related

Marks 1

Question ID:
1683

No	Options Details	Correct Option
1	65%	
2	75%	✓
3	55%	
4	10%	

Q.79 Sometimes relaxation instructions aim for deep-muscle relaxation and include suggestions of drowsiness or deep sleep which is known as

Marks 1

Question ID:
1684

No	Options Details	Correct Option
1	Hypnosis	✓
2	Hallucinations	
3	Relaxation eversion	
4	Trans like state	

Q.80 The term _____ disorder is used when perceived stressors, viz., mental events increase the susceptibility of the body to disease

Marks 1

Question ID:
1685

No	Options Details	Correct Option
1	Neurotic	
2	Mental	
3	Psychosomatic	✓
4	Psychoses	

Q.81 DRDO stands for

Marks 1

Question ID:
1686

No	Options Details	Correct Option
1	District Redressal Department Office	
2	District Research Development Office	
3	Defence Research and Development Organisation	✓
4	Developmental Research and Defence Organization	

Q.82 The largest lake in India is

Marks 1

Question ID:
1687

No	Options Details	Correct Option
1	Wular Lake	✓
2	Pulicat Lake	
3	Chilika Lake	
4	Chandubi Lake	

Q.83 The captain of 1983 World cup team of India is

Marks 1

Question ID:
1688

No	Options Details	Correct Option
1	Sunil Gavaskar	
2	Kapil Dev	✓
3	K. Srikanth	
4	Ravi Shastri	

Q.84 The winter capital of Maharashtra is

Marks 1

Question ID:
1689

No	Options Details	Correct Option
1	Pune	
2	Aurangabad	
3	Nagpur	✓
4	Mumbai	

Q.85 Paradise Lost is an epic written by

Marks 1

Question ID:
1690

No	Options Details	Correct Option
1	John Milton	✓
2	Shakespeare	
3	R.K. Narayan	
4	Anita Desai	

Q.86 International Court of Justice is located in

Marks 1

Question ID:
1691

No	Options Details	Correct Option
1	Paris	
2	New York	
3	Lisbon	
4	The Hague	✓

Q.87 The Inheritance of Loss of Kiran Desai won

Marks 1

Question ID:
1692

No	Options Details	Correct Option
1	Nobel Prize	
2	Man Booker Prize	✓
3	Pulitzer Prize	
4	Sahitya Akademi Prize	

Q.88 The present governor of Reserve Bank of India is

Marks 1

Question ID:
1693

No	Options Details	Correct Option
1	Manmohan Singh	
2	Urjit Patel	
3	Shaktikanta Das	✓
4	Raghuram Rajan	

Q.89 The next Hockey world cup will be held in

Marks 1

Question ID:
1694

No	Options Details	Correct Option
1	2021	
2	2022	✓
3	2023	
4	2024	

Q.90 Elephanta Caves are situated near

Marks 1

Question ID:
1695

No	Options Details	Correct Option
1	Aurangabad	
2	Chennai	
3	Bijapur	
4	Mumbai	✓

Q.91

Complete the given sentence selecting the appropriate alternatives from the given choices.

We met you when you,_____

(A) Are leaving the room

(B) Were leaving the room

(C) Left the room

(D) Have left the room

Marks 1

Question ID:
1696

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

Q.92

Sentence below can be improved by replacing a string of letters in the sentence with a more appropriate/correct string. Select an alternative from the given choices to replace bold-faced string of letters in the sentence.

I wish I **was** rich now.

(A) Were

(B) Was

(C) IS

(D) Had

Marks 1

Question ID:
1697

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

Q.93

Words in the question are arranged in random order. One of the four alternatives below each random word order provides the correct order of words to form a sentence. Select the alternative that provides the order for words to form a sentence.

What I not say in you do believe

- 1 2 3 4 5 6 7 8
- (A) 6 2 8 7 3 5 1 4
- (B) 2 8 6 1 3 4 7 5
- (C) 2 8 7 5 1 3 4 5
- (D) 2 7 3 8 5 1 6 4

Marks 1

Question ID:
1698

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

Q.94

Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer.

The collector and District magistrate (1)/ are on (2)/ visit to the (3)/ town today to assess the situation. (4).

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

Marks 1

Question ID:
1699

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

Q.95

Select the word from the given options that best describes the same meaning as the given word.

CONSENT

(A) Permit

(B) Disapprove

(C) Object

(D) Differ

Marks 1

Question ID:
1700

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

Q.96

Select the word from the given options that best describes the meaning opposite to the given word.

DELUSION

(A) Fallacy

(B) Illusion

(C) Reality

(D) Deception

Marks 1

Question ID:
1701

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

Q.97

Select the option that best describes the meaning of the given Idiom/ Phrase

Spick and span

(A) In confusion

(B) In order

(C) In trouble

(D) Mislead

Marks 1

Question ID:
1702

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

Q.98

Select the option that best describes the meaning of the given Idiom/ Phrase

French leave

(A) A holiday in France

(B) Day break

(C) A visit to France on leave

(D) Absent without permission.

Marks 1

Question ID:
1703

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

Q.99

Select the correct alternative to fill up the blank in the following sentence.

It has now been _____ that twenty people died in the accident.

- (A) Assured (B) Confirmed
(C) ensured (D) Counted

Marks 1

Question ID:
1704

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

Q.100

One word in the group of four words below is an odd word that does not go with the group. Select the alternative to pick the odd one out.

Pick the odd one out

- (A) Ream (B) Stone
(C) Quire (D) Dozen

Marks 1

Question ID:
1705

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