

**Exam Name** : APDCL\_Assistant Manager\_Electronics and Communication

**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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  5. **How to mark a question for review:** If you want to review any question later, you have to click the "Review" checkbox. This answer will be marked for review.
  6. **How to Submit your test:** By clicking **On last question and Submit Test button** one popup window display asking for "Are you sure, you want to Submit your test ?" You have to click on "YES" to submit your test.
- Circle symbols displayed at the bottom of the screen:
    - Red Color: Current Question.
    - Green Color: Attempted Question.
    - White Color: Unattempted Question.
    - Blue Color: Attempted and Reviewed Question.
    - Violet Color: Unattempted and Reviewed Question

<b>Q.1</b> The power factor in a RLC series circuit will be lagging if		<b>Question ID:</b> 2406
<b>Marks</b>	1	
<b>No</b>	<b>Options Details</b>	<b>Correct Option</b>
1	Inductive drop is lesser than capacitive drop	
2	Inductive drop is greater than equal to capacitive drop	
3	Inductive drop is equal to capacitive drop	
4	Inductive drop is greater than capacitive drop	✓

**Q.2** The superposition theorem is used when the circuit contains

**Marks** 1

**Question ID:**  
2407

No	Options Details	Correct Option
1	A single voltage source	
2	Only passive elements	
3	A number of voltage sources	✓
4	Both passive and active elements	

**Q.3** .  
For transfer of maximum power, the relation between load resistance  $R$  internal resistance  $r$  of the voltage source is

(A)  $R = 2r$

(B)  $R = r$

(C)  $R = 1.5r$

(D)  $R = 0.5r$

**Marks** 1

**Question ID:**  
2408

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

Q.4

Following are the hybrid parameters for a network  $\begin{bmatrix} h_{11} & h_{12} \\ h_{21} & h_{22} \end{bmatrix} = \begin{bmatrix} 5 \\ 3 \end{bmatrix}$

Determine the 'y' parameters for the network

(A) 
$$y_{11} = \frac{1}{5} s$$

$$y_{12} = \frac{-6}{5} s$$

$$y_{21} = \frac{3}{5} s$$

$$y_{22} = \frac{-24}{5} s$$

(B) 
$$y_{11} = \frac{1}{5} s$$

$$y_{12} = \frac{6}{5} s$$

$$y_{21} = \frac{3}{5} s$$

$$y_{22} = \frac{24}{5} s$$

(C) 
$$y_{11} = \frac{1}{5} s$$

$$y_{12} = \frac{-6}{5} s$$

$$y_{21} = \frac{3}{5} s$$

$$y_{22} = \frac{24}{5} s$$

(D) 
$$y_{11} = \frac{1}{5} s$$

$$y_{12} = \frac{6}{5} s$$

$$y_{21} = \frac{-3}{5} s$$

$$y_{22} = \frac{-24}{5} s$$

Marks 1

Question ID:  
2409

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

Q.5 Zero-state response is also known as

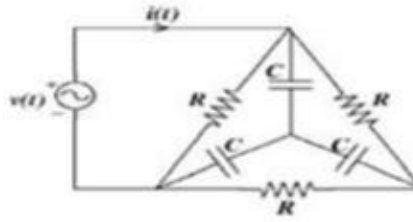
Marks 1

Question ID:  
2410

No	Options Details	Correct Option
1	Free response	
2	Natural response	
3	Forced response	✓
4	Initial response	

Q.6

In the circuit shown, if  $V(t) = 2 \sin(1000t)$  volts,  $R = 1k \Omega$  and  $C = 1 \mu F$ , then steady state current  $i(t)$ , in milli amperes (mA) is



- (A)  $\sin(1000t) + \cos(1000t)$                       (B)  $2\sin(1000t) + 2\cos(1000t)$   
 (C)  $\sin(1000t) + 3\cos(1000t)$                       (D)  $3\sin(1000t) + \cos(1000t)$

Marks 1

Question ID:  
2411

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

Q.7 Which among the following belongs to the category of non-recursive systems?

Marks 1

Question ID:  
2412

No	Options Details	Correct Option
1	Causal IIR Systems	
2	Non-causal FIR Systems	
3	Causal FIR Systems	✓
4	Non-causal IIR Systems	

Q.8

The input-output relation of given continuous time systems

$$y(t) = \{x(t)\} = \frac{1}{T} \int_{t-\frac{T}{2}}^{t+\frac{T}{2}} x(\tau) d\tau.$$

- (A) Linear
- (B) Time invariant
- (C) Non-causal
- (D) Linear, Time invariant and Non-causal

Marks 1

Question ID:  
2413

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

Q.9 An LTI system is said to be causal if and only if?

Marks 1

Question ID:  
2414

No	Options Details	Correct Option
1	Impulse response is non-zero for positive values of n	
2	Impulse response is zero for positive values of n	
3	Impulse response is zero for negative values of n	✓
4	Impulse response is non-zero for negative values of n	

Q.10 Which of the following device has reverse recovery time is nearly zero

Marks 1

Question ID:  
2415

No	Options Details	Correct Option
1	Zener diode	
2	Schottky diode	✓
3	PIN diode	
4	Tunnel diode	

Q.11

What is the value of effective density of states function in conduction band at 300k?

- (A)  $3 * 10^{19} cm^{-3}$  (B)  $0.4 * 10^{-19} cm^{-3}$   
(C)  $2.5 * 10^{-19} cm^{-3}$  (D)  $2.5 * 10^{19} cm^{-3}$

Marks 1

Question ID:  
2416

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

Q.12 At very high temperatures the extrinsic semiconductors become intrinsic because

Marks 1

Question ID:  
2417

No	Options Details	Correct Option
1	drive in diffusion of dopants and carriers	
2	impurity ionization dominants over band to band transition	
3	band to band transition dominants over impurity ionization	✓
4	band to band transition is balanced by impurity ionization	

Q.13

An LED has a rating of 2 V and 10 mA. It is used along with 6V battery. The range of series resistance is

- (A) 0 to 200  $\Omega$  (B) 200 - 400  $\Omega$   
(C) 200  $\Omega$  and above (D) 400  $\Omega$  and above

Marks 1

Question ID:  
2418

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

**Q.14** The change in the carrier density is due to

**Marks** 1

**Question ID:**  
2419

No	Options Details	Correct Option
1	Difference of incoming and outgoing flow of flux minus recombination	✓
2	Difference of incoming and outgoing flow of flux	
3	Flow of outgoing flux	
4	Flow of incoming flux	

**Q.15** Which among the below mentioned devices acts as a driver in CMOS Inverter Circuit?

**Marks** 1

**Question ID:**  
2420

No	Options Details	Correct Option
1	Bi-CMOS	
2	MOSFET	
3	NMOS	✓
4	PMOS	

**Q.16** Which resistance plays a significant role in stabilization of Q-point for self-biasing circuit of BJT?

**Marks** 1

**Question ID:**  
2421

No	Options Details	Correct Option
1	Emitter resistance	✓
2	Collector resistance	
3	Source resistance	
4	Drain resistance	

**Q.17** Ideally, for linear operation, a transistor should be biased so that the Q-point is

**Marks** 1

**Question ID:**  
2422

No	Options Details	Correct Option
1	near saturation.	
2	halfway between cutoff and saturation	✓
3	where IC is maximum	
4	near cutoff	

**Q.18** For two identical stages in cascade, the drop-off rate in the high- and low-frequency regions has increased to \_\_\_\_\_ per decade.

**Marks** 1

**Question ID:**  
2423

No	Options Details	Correct Option
1	-3 dB	
2	-6 dB	
3	-20 dB	
4	-40 dB	✓

**Q.19** The \_\_\_\_\_ in the Fourier series has the same frequency as the square wave itself.

**Marks** 1

**Question ID:**  
2424

No	Options Details	Correct Option
1	Fundamental harmonic	✓
2	Second harmonic	
3	Fourth harmonic	
4	Any harmonic	



Q.20

DTFT of the signal  $5^{-2}x(-t-7)$  is

(A)  $5^{-2}e^{j7\omega}X(\omega)$

(B)  $5^2e^{j7\omega}X(\omega)$

(C)  $5^2e^{-j7\omega}X(-\omega)$

(D)  $5^{-2}e^{-j7\omega}X(-\omega)$

Marks 1

Question ID:  
2425

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

Q.21 Which circuit is used to get desired part of input at the output using an Op-amp?

Marks 1

Question ID:  
2426

No	Options Details	Correct Option
1	Peak amplifier	
2	Clipper	✓
3	Clamper	
4	Sample and hold	

Q.22 How to minimize the response time and increase the operating frequency range of the op-amp?

Marks 1

Question ID:  
2427

No	Options Details	Correct Option
1	Positive halfwave rectifier with two diodes	
2	Positive halfwave rectifier with one diode	
3	Negative halfwave rectifier with two diodes	✓
4	Negative halfwave rectifier with one diode	

**Q.23** Why is self-bias circuit not used in IC amplifier?

**Marks** 1

**Question ID:**  
2428

No	Options Details	Correct Option
1	To reduce power losses	
2	To reduce area used on the chip	✓
3	Stability factor reduces in the IC	
4	Voltage gain is reduced	

**Q.24** What will be the overall gain in Darlington circuit, if individual transistor gain is 200?

**Marks** 1

**Question ID:**  
2429

No	Options Details	Correct Option
1	10000	
2	400	
3	4000	
4	40000	✓

**Q.25** How to improve CMRR value?

**Marks** 1

**Question ID:**  
2430

No	Options Details	Correct Option
1	Increase common mode gain	
2	Increase Open-loop gain	
3	Decrease common mode gain	✓
4	Decrease differential mode gain	

Q.26

In Darlington pair differential amplifier, the current gain is given as 100.  $I_{B1} = 5\mu A$  and  $I_{C1} = 0.35\mu A$ . Determine  $I_{C2}$

(A) 0.5mA

(B) 2mA

(C) 1.5mA

(D) 0.15mA

Marks 1

Question ID:  
2431

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

Q.27 What happens if inductors are used in low frequency applications?

Marks 1

Question ID:  
2432

No	Options Details	Correct Option
1	Enhance inductor usage	
2	Degrades inductor performance	✓
3	No losses occur	
4	Low power dissipation	

Q.28 How a differential instrumentation amplifier using transducer bridge can be used as a temperature controller?

Marks 1

Question ID:  
2433

No	Options Details	Correct Option
1	Increase room temperature	
2	Change the bridge resistance	
3	Replace thermistor by light intensity meter	
4	Replaces calibrated meter with relay	✓

**Q.29** Which type of amplifier has output voltage equal to the average of all input voltages?

**Marks** 1

**Question ID:**  
2434

No	Options Details	Correct Option
1	Inverting averaging amplifier	
2	Non-inverting summing amplifier	
3	Non-inverting averaging amplifier	✓
4	Inverting scaling amplifier	

**Q.30** To a non-inverting mode Schmitt trigger, an input triangular wave of 1Vp is applied. What will be the output waveform, if the upper and lower threshold voltages are 0.25v?

**Marks** 1

**Question ID:**  
2435

No	Options Details	Correct Option
1	Square waveform	✓
2	Pulse waveform	
3	Sawtooth waveform	
4	Cannot be determined	

**Q.31** How many AND gates are required for a 1-to-8 demultiplexer?

**Marks** 1

**Question ID:**  
2436

No	Options Details	Correct Option
1	2	
2	6	
3	8	✓
4	5	

**Q.32** The representation of octal number  $(532.2)_8$  in decimal is

**Marks** 1

**Question ID:**  
2437

No	Options Details	Correct Option
1	$(346.25)_{10}$	✓
2	$(532.864)_{10}$	
3	$(340.67)_{10}$	
4	$(531.668)_{10}$	

**Q.33** A Karnaugh map (K-map) is an abstract form of \_\_\_\_\_ diagram organized as a matrix of squares.

**Marks** 1

**Question ID:**  
2438

No	Options Details	Correct Option
1	Cycle Diagram	
2	Venn Diagram	✓
3	Block diagram	
4	Triangular Diagram	

**Q.34** Odd parity of word can be conveniently tested by

**Marks** 1

**Question ID:**  
2439

No	Options Details	Correct Option
1	OR gate	
2	AND gate	
3	NAND gate	
4	XOR gate	✓

**Q.35** An important characteristic of a CMOS circuit is the

**Marks** 1

**Question ID:**  
2440

No	Options Details	Correct Option
1	Noise immunity	
2	Symmetry	
3	Duality	✓
4	Noise Margin	

**Q.36** One example of the use of an S-R flip-flop is as

**Marks** 1

**Question ID:**  
2441

No	Options Details	Correct Option
1	Transition pulse generator	
2	Switch debouncer	✓
3	Astable oscillator	
4	Racer	

**Q.37** The parallel outputs of a counter circuit represent the

**Marks** 1

**Question ID:**  
2442

No	Options Details	Correct Option
1	Parallel data word	
2	Clock frequency	
3	Counter modulus	
4	Clock count	✓

**Q.38** The group of bits 11001 is serially shifted (right-most bit first) into a 5-bit parallel output shift register with an initial state 01110. After three clock pulses, the register contains

**Marks** 1

**Question ID:**  
2443

No	Options Details	Correct Option
1	01110	
2	00001	
3	00101	✓
4	00110	

**Q.39** Which type of device may be used to interface a parallel data format with external equipment's serial format?

**Marks** 1

**Question ID:**  
2444

No	Options Details	Correct Option
1	UART	✓
2	Key matrix	
3	Memory chip	
4	Series in Parallel out	

**Q.40** Dynamic memory cells use \_\_\_\_\_ as the storage device.

**Marks** 1

**Question ID:**  
2445

No	Options Details	Correct Option
1	The reactance of a transistor	
2	The impedance of a transistor	
3	The capacitance of a transistor	✓
4	The inductance of a transistor	

**Q.41** The input devices use \_\_\_\_\_ to store the data received

**Marks** 1

**Question ID:**  
2446

No	Options Details	Correct Option
1	Primary Memory	
2	Buffer	✓
3	Secondary Memory	
4	External Memory	

**Q.42** The flash type A/D converters are called as

**Marks** 1

**Question ID:**  
2447

No	Options Details	Correct Option
1	Parallel non-inverting A/D converter	
2	Parallel counter A/D converter	
3	Parallel inverting A/D converter	
4	Parallel comparator A/D converter	✓

**Q.43** Which of the following is an example of an open loop system?

**Marks** 1

**Question ID:**  
2448

No	Options Details	Correct Option
1	Household Refrigerator	
2	Stabilization of air pressure entering into the mask	
3	Execution of program by computer	✓
4	Respiratory system of an animal	





**Q.46** A control system with excessive noise, is likely to suffer from

**Marks** 1

**Question ID:**  
2451

No	Options Details	Correct Option
1	Saturation in amplifying stages	✓
2	Loss of gain	
3	Vibrations	
4	Oscillations	

**Q.47** For getting 100% modulation, carrier amplitude should

**Marks** 1

**Question ID:**  
2452

No	Options Details	Correct Option
1	exceed signal amplitude	
2	be equal to signal amplitude	✓
3	be lesser than signal amplitude	
4	be equal to zero	

**Q.48** Modem is considered as high speed if data rate is

**Marks** 1

**Question ID:**  
2453

No	Options Details	Correct Option
1	10000	
2	20000	
3	5000	✓
4	30000	

**Q.49** A 400W carrier wave is modulated to a depth of 65%. Find the total power of modulated wave?

**Marks** 1

**Question ID:**  
2454

No	Options Details	Correct Option
1	512.5W	
2	493.0W	
3	484.5W	✓
4	609.6W	

**Q.50** The intermediate frequency of a super heterodyne receiver is 500KHz. What is the image frequency at 1200 KHz?

**Marks** 1

**Question ID:**  
2455

No	Options Details	Correct Option
1	700KHz	✓
2	500KHz	
3	650KHz	
4	200KHz	

**Q.51** Shot noise is generated in

**Marks** 1

**Question ID:**  
2456

No	Options Details	Correct Option
1	resistors	
2	inductors	
3	transistors and diodes	✓
4	capacitors	

**Q.52** Determine the Bandwidth of a FM wave when the maximum deviation allowed is 75KHz and the modulating signal has a frequency of 10KHz.

**Marks** 1

**Question ID:**  
2457

No	Options Details	Correct Option
1	170 KHz	✓
2	160 KHz	
3	107 KHz	
4	106 KHz	

**Q.53** Choosing a discrete value that is near but not exactly at the analog signal level leads to

**Marks** 1

**Question ID:**  
2458

No	Options Details	Correct Option
1	PCM error	
2	Quantization error	✓
3	PAM error	
4	Sampling error	

**Q.54** Which reduces the dynamic range of quantization noise in PCM?

**Marks** 1

**Question ID:**  
2459

No	Options Details	Correct Option
1	Adaptive quantizer	✓
2	Non-uniform quantizer	
3	Uniform quantizer	
4	Vector quantizer	

**Q.55** \_\_\_\_\_ is the mechanism of sending data bits multiple times to ensure consistency.

**Marks** 1

**Question ID:**  
2460

No	Options Details	Correct Option
1	Repetition	✓
2	Duplication	
3	Mirroring	
4	Redundancy	

**Q.56** Find the current density of a material with resistivity 20 units and electric field intensity 2000 units.

**Marks** 1

**Question ID:**  
2461

No	Options Details	Correct Option
1	400	
2	200	
3	300	
4	100	✓

**Q.57** Find the angle at which the potential due a dipole is measured, when the distance from one charge is 12cm and that due to other is 11cm, separated to each other by a distance of 2cm.

**Marks** 1

**Question ID:**  
2462

No	Options Details	Correct Option
1	15	
2	30	
3	45	
4	60	✓

**Q.58** The depth of penetration of a wave in a lossy dielectric increase with increasing

**Marks** 1

**Question ID:**  
2463

No	Options Details	Correct Option
1	Conductivity	
2	Permeability	
3	Wavelength	✓
4	Permittivity	

**Q.59** Consider a transmission line of characteristic impedance 50 ohm. Let it be terminated at one end by +j50 ohm. The VSWR produced by it in the transmission line will be

**Marks** 1

**Question ID:**  
2464

No	Options Details	Correct Option
1	+j	
2	0	
3	1	
4	infinity	✓

Q.60

The product of the phase and the group velocities is given by the

- (A) Square of the speed of light                      (B) (speed of light)/4  
(C)  $2 \times$  Speed of light                              (D) Speed of light/2

Marks 1

Question ID:  
2465

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

Q.61 The average age of 6 students is 11 years. If two more students of age 14 years and 16 Years Join find their average age.

Marks 1

Question ID:  
2466

No	Options Details	Correct Option
1	12 Years	✓
2	15 Years	
3	13 Years	
4	22 Years	

Q.62 30 Pens and 75 pencils were purchased for Rs.510. If the average price of a pencil was Rs. 2/- find the average price of a pen

Marks 1

Question ID:  
2467

No	Options Details	Correct Option
1	Rs. 15/-	
2	Rs. 12	✓
3	Rs. 16	
4	Rs. 18	

**Q.63** A : B = 5 : 7 and B : C = 6 : 11 so find A : B : C ?

**Marks** 1

**Question ID:**  
2468

No	Options Details	Correct Option
1	42 : 30 : 77	
2	30 : 42 : 77	✓
3	26:40:25	
4	30 : 44 : 77	

**Q.64** Find 10% of 5% of 320

**Marks** 1

**Question ID:**  
2469

No	Options Details	Correct Option
1	7/5	
2	9/5	
3	8/5	✓
4	6/5	

**Q.65** Find the gain or loss if selling price (sp) = Rs. 585 and cost price (CP) Rs. 485

**Marks** 1

**Question ID:**  
2470

No	Options Details	Correct Option
1	Rs. 95 gain	
2	10 gain	
3	105 gain	
4	100 gain	✓

**Q.66** A man purchased a table for Rs. 653 at what price should he sell it to gain Rs. 57?

**Marks** 1

**Question ID:**  
2471

No	Options Details	Correct Option
1	Rs. 700	
2	725	
3	710	✓
4	705	

**Q.67** Find the amount if principal = Rs. 8000 rate = 10% per annum (pa) and time 5 Years

**Marks** 1

**Question ID:**  
2472

No	Options Details	Correct Option
1	12000/-	✓
2	11000/-	
3	10000/-	
4	11500/-	

**Q.68** A man borrows Rs. 500 and Pays back after 18 months at 14% per annum. Find the simple Interest.

**Marks** 1

**Question ID:**  
2473

No	Options Details	Correct Option
1	Rs. 100	
2	105	✓
3	101	
4	120	

**Q.69** As 'Fan' is related to "breeze" in the same way 'Electricity' is related to which?

**Marks** 1

**Question ID:**  
2474

No	Options Details	Correct Option
1	Dark ness	
2	Current	
3	Light	✓
4	Attraction	

**Q.70** Find the distance covered by a man walking for 12 min at a speed of 3.5 KM

**Marks** 1

**Question ID:**  
2475

No	Options Details	Correct Option
1	500 M	
2	200 M	
3	800 M	
4	700 M	✓

**Q.71** Sound travels at the speed of 330 m/s How many kilometres will it travel in one hour

**Marks** 1

**Question ID:**  
2476

No	Options Details	Correct Option
1	1080	
2	1133	
3	1188	✓
4	1180	

**Q.72** A train covers a distance of 200 Km with a speed of 10 Km/h what time is taken by the train to cover this distance?

**Marks** 1

**Question ID:**  
2477

No	Options Details	Correct Option
1	30 h	
2	25 h	
3	20 h	✓
4	35 h	

**Q.73**

Length of rectangle = 300 m breadth = 50m then find area

a) 15002 m<sup>2</sup>    b) 14002 m<sup>2</sup>    c) 15500 m<sup>2</sup>    d) 15000 m<sup>2</sup>

**Marks** 1

**Question ID:**  
2478

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



**Q.74** The side of a square room is 12 meter. Find the cost of carpeting the room at the rate of Rs. 5 per square meter?

**Marks** 1

**Question ID:**  
2479

No	Options Details	Correct Option
1	700	
2	720	✓
3	725	
4	750	

**Q.75** 107 Cm is equivalent to

**Marks** 1

**Question ID:**  
2480

No	Options Details	Correct Option
1	10.7m	
2	1.07m	✓
3	0.107m	
4	1070	

**Q.76** 1 Km is equivalent to

**Marks** 1

**Question ID:**  
2481

No	Options Details	Correct Option
1	1000 mm	
2	100000 m	
3	10000 mm	
4	1000000 mm	✓

**Q.77** what time is 3h 40 min before 2.30PM?

**Marks** 1

**Question ID:**  
2482

No	Options Details	Correct Option
1	11.00am	
2	10.50am	✓
3	11.30am	
4	11.55am	

**Q.78** The value of 185 degree centigrade in Fahrenheit is \_\_\_\_\_?

**Marks** 1

**Question ID:**  
2483

No	Options Details	Correct Option
1	365	✓
2	360	
3	270	
4	400	

**Q.79** A student was asked to find the arithmetic mean of the numbers 3,11,7,9,15,13,8,19,17,21,14, and X. He found the mean to be 12 what should be the number in place of X.

**Marks** 1

**Question ID:**  
2484

No	Options Details	Correct Option
1	3	
2	7	✓
3	17	
4	31	

<b>Q.80</b>	9572 - 4018 - 2164=?	
<b>Marks</b>	1	<b>Question ID:</b> 2485
<b>No</b>	<b>Options Details</b>	<b>Correct Option</b>
1	3300	
2	3390	✓
3	3570	
4	7718	

<b>Q.81</b>	"Long Walk to Freedom" was written by	
<b>Marks</b>	1	<b>Question ID:</b> 2486
<b>No</b>	<b>Options Details</b>	<b>Correct Option</b>
1	Sachin Tendulkar	
2	Nelson Mandela	✓
3	M.K. Gandhi	
4	Gopalakrishna Gokhale	

<b>Q.82</b>	2018 Winter Olympics were held in	
<b>Marks</b>	1	<b>Question ID:</b> 2487
<b>No</b>	<b>Options Details</b>	<b>Correct Option</b>
1	Japan	
2	England	
3	Russia	
4	South Korea	✓

<b>Q.83</b>	Car (Petrol) was invented by	
<b>Marks</b>	1	<b>Question ID:</b> 2488
<b>No</b>	<b>Options Details</b>	<b>Correct Option</b>
1	Carrier	
2	Jean Lumiere	
3	Rudolf Diesel	
4	Karl Benz	✓

<b>Q.84</b>	Expand 'CAA'	
<b>Marks</b>	1	<b>Question ID:</b> 2489
<b>No</b>	<b>Options Details</b>	<b>Correct Option</b>
1	Civil Authority of Aviation	
2	Control Accounts and Audit	
3	Civil Aviation Authority	✓
4	Civil Aviation Association	

<b>Q.85</b>	Which state of India is exempted from right to information act of India 2005?	
<b>Marks</b>	1	<b>Question ID:</b> 2490
<b>No</b>	<b>Options Details</b>	<b>Correct Option</b>
1	Assam	
2	Meghalaya	
3	Jammu & Kashmir	✓
4	None of the above	

<b>Q.86</b>	The first Corona case was registered in India officially on	
<b>Marks</b>	1	<b>Question ID:</b> 2491
<b>No</b>	<b>Options Details</b>	<b>Correct Option</b>
1	January 30, 2020	✓
2	February 15, 2020	
3	March 20, 2020	
4	April 16, 2020	

<b>Q.87</b>	Martyr's Day is celebrated in Memory of this National Leader	
<b>Marks</b>	1	<b>Question ID:</b> 2492
<b>No</b>	<b>Options Details</b>	<b>Correct Option</b>
1	Subhash Chandra Bose	
2	Bhagath Singh	
3	Mahatma Gandhi	✓
4	Bala Gangadhar Tilak	

**Q.88** First recipient of Muppavarepu Venkaiah Naidu National Award (2020) is

**Marks** 1

**Question ID:**  
2493

No	Options Details	Correct Option
1	M.S. Swaminathan	✓
2	K. Gopal Rao	
3	G. Viswanathan	
4	Ravi Dube	

**Q.89** "The Reminiscence" was written by

**Marks** 1

**Question ID:**  
2494

No	Options Details	Correct Option
1	Sarojini Naidu	
2	Ravindranath Tagore	✓
3	A.B. Vajpayee	
4	Kuldip Nair	

**Q.90** ITF World Championship for men was given to

**Marks** 1

**Question ID:**  
2495

No	Options Details	Correct Option
1	Novac Djokovie	
2	Sainia Mirza	
3	Rafel Nadal	✓
4	Andy Murray	

Q.91

Man power is the \_\_\_\_\_ means of converting the other resource  
make mankind's use and benefit.

Pick out the most appropriate word from the below given words to fill in  
blank to make the above sentence meaningfully complete.

- (A) insuperable (B) indispensable  
(C) indomitable (D) innocent

Marks 1

Question ID:  
2496

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

Q.92

The soldiers have no choice but to carry \_\_\_\_\_ their officer's orders.

Choose the appropriate phrase.

- (A) out (B) on  
(C) through (D) away

Marks 1

Question ID:  
2497

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

Q.93

Find out which part of the sentence has an error.

On my request / Sarala introduced me/ to his friend / who is singer and scientist.

A

B

C

D

Marks 1

Question ID:  
2498

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

Q.94 The synonym of the word, yield, is

Marks 1

Question ID:  
2499

No	Options Details	Correct Option
1	crop	
2	ripple	
3	give	✓
4	develop	

Q.95 The antonym of the word, conquest, is

Marks 1

Question ID:  
2500

No	Options Details	Correct Option
1	victory	
2	surrender	✓
3	compare	
4	rejoice	

**Q.96** The meaning of the idiom, once in a blue moon, means

**Marks** 1

**Question ID:**  
2501

No	Options Details	Correct Option
1	rare occasions	✓
2	once in a month	
3	everyday	
4	bi-weekly	

**Q.97**

Fill in the blanks with the appropriate word

He made \_\_\_\_\_ his bungalow to an orphanage

(A) up

(B) out

(C) off

(D) over

**Marks** 1

**Question ID:**  
2502

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

**Q.98**

Improve the sentence with the appropriate word

They will leave at Chennai tomorrow.

(A) to

(B) for

(C) on

(D) about

**Marks** 1

**Question ID:**  
2503

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



Q.99

Fill in the blanks with the appropriate word

In \_\_\_\_\_ zoo, I saw \_\_\_\_\_ one-eyed beggar.

(A) a,a

(B) the, a

(C) a, the

(D) the, the

Marks 1

Question ID:  
2504

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

Q.100

Fill in the blanks with the appropriate word

The teacher warned the boy but he \_\_\_\_\_ to misbehave.

(A) continue

(B) continues

(C) is continuing

(D) continued

Marks 1

Question ID:  
2505

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