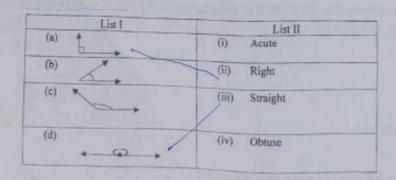
1.	In T.V	V., the picture signal is	
	A)	Amplitude modulated and at the low-frequency end of each channel allo	cation
	B)	Frequency modulated and at the low-frequency end of each channel allo	cation
	C)	Amplitude modulated and at the high frequency end of each channel allo	cation
	D)	None of above	
2.	A PA	AM signal can be demodulated using	
	A)	A High pass filter	
	B)	A Band pass filter	
	C)	A Low pass filter	
	D)	None of the above	
3.	In tir	me-division-multiplexing, each multiplexed signal occupies;	
	A)	A Fraction of the Transmission Bandwidth	
	B)	The Entire Transmission Bandwidth	
	C)	A Bandwidth Equal to the Bandwidth of each input signal	
	D)	None of the above	
			124
4.	Wha	at will be the upper sideband and lower sideband frequencies for dulation of a 5-kHz signal with 40-KHz carrier frequency?	ampiitude
	A)	42.5 kHz and 37.5 kHz, respectively	
	B)	45 kHz and 35 kHz, respectively	
	C)	50 kHz and 30 kHz, respectively	
	D)	25 kHz and 15 kHz, respectively	
5.	In I	FM to AM conversion, the input of the frequency-modulated signal con	verted into
3,	am	plitude modulated signal by	
	A)	Differentiator	
	B)	Integrator	
	C)	Comparator	
	D)		
	j. P ₁₁	alse amplitude modulation is a process whereby;	
`		ulse amplitude modulation is a process whereby; The position of the pulse is changed as a function of the sampled value The position of the pulse is varied as a function of time	
	A)	The position of the pulse is changed as a function of time The width of the pulse is varied as a function of time The width of the pulse is made proportional to the sampled value	
	B)	The width of the pulse is varied as a function of time The width of the pulse is waried as a function of time The height of a pulse is made proportional to the sampled value The height of a pulse is made proportional to the sampled value	
	C	The height of a pure	The state of the s
	D	(3)	[P.T.O.
	(Set - (

- 7. The amplitude modulation signal without a carrier is known as _____
 - A) SSB-SC
 - B) DSB-SC
 - C) Both A and B
 - D) None of the above
- 8. Choose the incorrect statement
 - A) SMPS is less sensitive to input voltage variations
 - B) SMPS is smaller as compared to rectifiers
 - C) SMPS has low input ripple
 - D) SMPS is a source of radio interference
- 9. The magnetic field produced in the stator of a three phase induction motor travels at
 - A) Rotating speed
 - B) Synchronous speed
 - C) Asynchronous speed
 - D) Slip speed
- 10. Alternating Current (AC) cannot be measured by DC ammeter because:
 - A) Alternating current cannot pass through the DC ammeter
 - B) Average value of complete cycle is zero
 - C) Alternating current changes its direction
 - D) None of the above
- 11. What is a common use of a Band Pass Filter in Radio Wave Propagation?
 - A) It allows only a specific range of frequencies to pass through
 - B) It allows all frequencies to pass through
 - C) It blocks all frequencies from passing through
 - D) It amplifies all frequencies equally
- 12. Classify the angle as acute, right, obtuse, straight:



Match I with II.

- A) a-ii, b-iv, c-i, d-iii
- B) a-ii, b-iv, c-iii, d-i
- C) a-ii, b-i, c-iv, d-iii
- D) a-ii, b-i, c-iii, d-iv

(Set - C)

13. Two statements are followed by four conclusions numbered in I, II, III, IV. You have to take the given statements to be true if they seem to be at variance from the commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts

Statements

- 1. All stars are planets.
- 2. All planets are trees.

Conclusions

- I. All planets are stars
- II. All stars are trees
- III. All trees are planets
- IV. Some trees are stars

Which of the conclusions follows logically?

- A) Only II and IV follow
- B) Only I and II follow
- C) All follow
- D) Only III and IV follow

Os plands 277

. Match List I with List II and select the correct answer using the codes given below the list

List - I

- i. Monitor
- ii. CPU
- iii. Information
- A) i-1, ii-2, iii-3
- B) i-3, ii-2, iii-1
- C) i-3, ii-1, iii-2
- D) i-1, ii-3, iii-2

List - II

- 1. Displays the information in the visual form
- Processor for controlling and executing instructions
- 3. Processed data useful for the user

- 15. Which one of the following is not a type of magnetic storage system?
 - A) Magnetic tape
 - B) Compact disk
 - C) Hard disk
 - D) Floppy disk
- 16. Which of the following device is not a media input device to computer?
 - A) Microphone
 - B) Webcam
 - C) Digital Camera
 - D) None of the above

(P.T.O.

-)	-				
17.	The f	functions of operating systems are			
2	i.	Process management			
	ii.	Memory management			
	iii.	File management			
	iv.	Device management			
	Cho	ose the correct Answer			
	A)	i, ii, iii			
	B)	i, iii, iv			
	C)	i, ii, iv			
	D)	i, ii, iii, iv			
,	/				
18.	Whi	ch of the following is not an output device?			
000000000	A)	Scanner			
	B)	Plotter			
	C)	Printer			
	D)	Projector			
19.	Whi	ch of the following is a spreadsheet applicati	on pr	ogram?	
	A)	MS Access			
	B)	MS Word			
	C)	MS Excel			
	D)	MS - DOS			
20.	Mate	ch List-I with List-II and Select the correct an	nswer	using the codes given belo	w the
		List - I		List - II	
	i.	Operating System	1.	Scanning Devices	
	ii.	Input Device	2.	Security Management	
	iii.	Output Device	3.	Projectors	
	A)	i-1, ii-2, iii-3			
	B)	i-2, ii-3, iii-1			
	C)	i-2, ii-1, iii-3			
	D)	i-1, ii-3, iii-2			
21	. Wh	ich one of the f. u			
, hi	A)	tich one of the following is typed in the Run of Winword	nalog	box to access MS Word?	
	B)				
		Word			
	C)	Msword			
	D)	Wordprogram			
(S	et - C)	(6)		13.2	

1						
32.		is the widely used and in Cal				
	and receive messages in an efficient way. Choose the correct answer to fill in the blanks. A) Storage device, computer					
	A)	Storage device, computer	in the blanks.			
	B)	Input device, super computer				
	C)	E-mail, Internet				
	D)	None of the above				
,						
23.	Wha	t are the options available in-home page of outer (Mozilla Firebox)?	google.com search engine in			
	I.	Google Search				
	II.	I'm Feeling Lucky	102.0			
	III.	Search Text Box				
	Cho	ose the correct answer.				
	A)	I, II				
	B)	11,111				
	C)	I, III				
	D)	I, II, III				
		Seattle belief that the same is a con-				
24.	If the	e wiring in a building as a 2.4 kW load, what water to earth for a 240 V system of supply?	vill be the permissible insulation			
	A)	0.08 ΜΩ	2/20 +0			
	B)	0.05 ΜΩ	V/2/A			
	C)	0.02 ΜΩ				
		0.12 ΜΩ				
	D)		cinduced rotor			
25.	A 3-	Phase 440 V, 50 Hz induction motor has 5% slip	. The frequency of induced			
100	emf	will be				
	A)	50 Hz				
	B)	2.5 Hz				
	C)	5 Hz	[P.T.O.			
	D)	2 Hz (7)	1.00			
(S	et - C)					

			72-11-11-11-11-11-11-11-11-11-11-11-11-11	ably used for residential and commercial
	2.5	amonent wiring systems mo	st prefer	ably used for resident
26.	The	ications.		
	арри	CTS		
	II.	TRS		
	III.	Cleat		
	IV	Conduit		
	Cho	oose the correct answer.		
		1, 111		
	B)	II, III		
	C)	I, II and IV		
	D)	III		Stallage mougo off con turbs, 1942)
26	The	minimum clearance of the Hig	h Voltage	e (HV) line from the ground across the road
#1.	ehou	ould be.		
	A)	6.1 m		
	B)	5.1 m		
	C)			
	D)	8.1 m		
	***		industing	n motor is increased two times, then, torque
28.	If th	he supply voltage of a 3 - phase	maucuoi	I motor is increased two times, area, area,
	is A)	Increased twice		
	B)			
	C)			
	D)			
26				(D) 1, II, III
29		start, the following information	i is corre	ct for induction motor.
	I. II.	Speed = 0 Slip=0.5		
	III.			
	IV.	The state of the s		
		noose the correct answer.		
	A)			
	B)	IV		
	C)			
	D)) I,II		
30	. Ma	atch the term in column 1 with:	to al-	A PROPERTY OF THE PROPERTY OF
	Co	atch the term in column-1 with i	is closes	meaning in column-2.
	i.	Lenz's law	1.	Column-2
	ii.	Senciator	2.	Application of electromagnetic induction
	iii.	High permeability	3.	Polarity of induced voltage
	iv,		4.	Inversely proportional to permeability Easily magnetized
	A)	hoose the correct option.		, implicazed
	B)	777 11 11 -4 11/-4		
	C)	3 13 4, III-3, IV-1		
	D	i-3, ii-2, iii-4, iv-1		
	Sat -			
	Set - (

131.	Wh	at is the transmission fragues and
	A)	at is the transmission frequency range of FM radio? 28 - 58 MHz
	B)	88 - 108 MHz
	C)	58 - 88 MHz
	D)	108 - 128 MHz
32.	Con	sider the following statements:
	Stat	tement (I): In AM systems the modulation index $(0 \le m \le 1)$ should be high.
	Stat	ement (II): The higher the value of m , the greater the power in the sidebands.
	Cho	ose the correct option.
	A)	Both Statement (I) and Statement (II) are individually true and Statement (II) is the
	DV	- Paradion of Statement (1).
	B)	Both Statement (I) and Statement (II) are individually true but Statement (II) is not the correct explanation of Statement (I).
	C)	Statement (I) is true but Statement (II) is false.
	D)	Statement (I) is false but Statement (II) is true.
		(1) is faise out Statement (II) is true.
33.	The	correct sequence of subsystems in an FM receiver is:
	A)	Mixer→RF amplifier→limiter→IF amplifier→discriminator → audio amplifier
	B)	Kr amplifier → mixer → limiter → discriminator → IF amplifier → audio amplifier
	C)	Rr amplifier → mixer → IF amplifier → limiter → discriminator → audio amplifier
	D)	Mixer →IF amplifier →limiter →audio amplifier →discriminator
34.	Whic	ch of the following is NOT a method for generating FM?
	A)	By reactance modulator
	B)	By varactor diode
	C)	By switching modulator
	D)	By Armstrong modulator
35.	The	ionosphere acts as the reflecting surface for the waves in which of the following
		es of propagation?
	A)	Ground wave
	B)	Space wave
	(G)	Sky wave
	D)	LOS
36.		arrier 15 kV at 1 MHz is amplitude modulated and modulation index is 0.8. Find the
	100	voltage of the signal.
	A)	18 kV
	B)	12 kV
	C)	18 kV 12 kV 18.75 kV
	D)	22 kV

(9)

(Set - C)

[P.T.O.

Permit better adjacent channel rejection A

37.

- Provide improved tracking B
- Increase the tuning range of the receiver 0
- Improve the rejection of the image frequency 0
- Which of the following statements about the matched filter in a communication receiver are correct? 38.
- It produces ISI.
- It maximizes the SNR at the detection instant.
- Its impulse response depends on the signal shape. H.
- It may produce signal dispersion. 1

Select the correct answer from the codes given below:

- II and III only A
- III and IV only B
- I, II and IV only 0
- II, III and IV only 0
- Match List-X (Modulation/Reception Techniques) with List-Y (Disadvantages) and select the correct answer using the codes given below the lists: 39.

List-X

Superheterodyne

Threshold effect

List-Y

Granular noise

7

- FM :::
- :::
- **PCM**
- Delta modulation
 - Codes:

43

Image frequency interference

3

Quantization noise

- := := A

1

8

0

4

- (Q
- (Set-C)

Match List-X (Frequencies) with List-Y (Range) and select the correct answer using the codes given below the lists:

List-X

- . Audio Frequency (AF)
- ii. Intermediate Frequency (IF)
- iii. Radio Frequency (RF)

10 MHz to 108 MHz

3 kHz to 300 GHz

List-Y

20 Hz to 20 kHz

7

- Codes:
- iii iii
- A) 2 1
- B) 3 1

2

0

- D) 3 2
- In TV transmission, the picture signal is amplitude-modulated and the sound signal is frequency-modulated. This is done because 41.
- it is not possible to frequency modulate the picture signal. A
- B) bandwidth requirement is minimized
- Sound signal is more susceptible to noise than a picture signal. 0
- D) synchronization of picture frames becomes easier.
- 42. The colour TV picture signal is a
- A) single channel, one dimensional signal
- B) three channel, three dimensional signal
 - C) three channel, one dimensional signal
- D) single channel, three dimensional signal
- Which of the following statements is correct regarding induction motor? 43.
- The power factor of a 1-phase induction motor is high, while the power factor of a 3-phase induction motor is low
 - 1-phase induction motors produce low starting torque, whereas 3-phase induction motors produce high starting torque B
- The efficiency of a 1-phase induction motor is more as compared to a 3-phase induction motor 0
 - D) All options A, B and C are correct

44.	For	a dipo	le anten	na			102	'	h
	A)	the c	urrent d	listribu	tion along	its length	is	uniform irrespective of its lengt	
	B)	the e	ffective	length	equals th	rice of its j	phy	ysical length	
	C)	the r	adiation	intens	ity is max	imum alon	ıg t	he normal to the dipole axis	
	D)	the in	nput im	pedanc	e is indep	endent of t	he	location of the feed point	
45.	Mat	tch Lis	st-X (M	ledium codes g	type) with	h List-Y (w the lists:	Fre	equency range) and select the c	orrec
		ist-X	•	Ш				List-Y	
	i.	Oper	n wire				i.	100 KHz	
	ii.	Twis	ted pair			2	2.	100 MHz	
	iii.		cial cabl			3	3.	5 KHz	
	Coc	les:							
		i	ii	iii					
	A)	3	2	1					
	B)	3	1	2					
	C)	2	3	1					
	D)	2	1	3					
46.	Fill (SS	in th	e blanl	k. "Th	e genera	tion of s	ing	gle sideband suppressed carr imination methods."	ier
	A)	Phas			1 19911	uis	CII	la matter metrous.	
	B)	Freq	luency						
	C)	Both	A and I	3					
	D)	Non	e of the	above					
47.	Wh	ich of t	he follo	wing b	est describ	es interlac	ed:	scanning in a picture tube?	
	A)	Scan	ning lin	es prog	ressively (from top to	bo	ottom in one pass	
	B)	Scan	ning od	d lines	first and th	en even lin	es	in two passes	
	C)	Scan	ning all	lines si	multaneou	isly in a sin	gle	pass	
	D)	Scan	ning hal	lf of the	lines in th	ne first pass	s an	nd the other half in the second pass	
Set	- C)					(12)			
						(14)			

(Se

- Match the following terms with their correct descriptions and select the correct answer using the codes given below the lists. List-X List-Y Progressive scanning Transmits only one sideband of the signal 1. ii. SSB 2. Scans each line in sequence iii. UHF Frequency ranges from 300 MHz to 3 GHz 3. iv.
 - v. Negative picture pulses

 4. Pulses represent darker areas with higher voltage

Codes:

	i	ii	iii	i
A)	1	2	3	4
B)	4	1	3	2
C)	2	1	3	4
D)	2	4	3	1

- 49. Which of the following is true about a composite video signal?
 - A) It includes audio, colour, and sync information in one signal
 - B) It contains only the video component with no sync or color information
 - C) It uses only one sideband in the transmission
 - D) It is used exclusively in SHF channels
- 50. Match the following terms with their correct descriptions and select the correct answer using the codes given below the lists.

List-X

- i. VHF
- ii. UHF
- iii. HF
- iv. SHF

List-Y

- 1. Commonly used for FM radio and TV channels
- 2. Used in cellular networks and TV broadcasting
- 3. Mainly used in amateur and shortwave radio
- 4. Often used in satellite communications

Codes:

i ii iii iv A) 1 3 2 4 B) 3 4 1 2 C) 4 3 2 1

D) 1 2 3 4

[P.T.O.

	Choose the correct alternative out of the four.	
51.		THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN T
	It was very kind of you to do the washing -p,	Something !
	A) didn't have to do	
	B) hadn't to do	
	C) mightn't have done	
	D) mustn't have done	
52.	Find out which part of a sentence has an error.	
	After knowing truth, (a)/ they took the right decision (b)/ in No error (d)	the matter. (c)
	A) a	
	В) ь	
	C) c	
	D) d	
53.	Out of the four alternatives, choose the one which can be substituted for sentence.	the given words/
	Prohibited by law or treaty from being imported or exported	
	A) contraband	
	B) smuggled	
	C) counterfeit	
	D) forged	
54.	In the following questions out of the four alternatives, choose the expresses the meaning of the given word. Inclement	one which best
	A) Selfish	
	B) Active	
	C) Unfavourable	
	D) Inactive	
55.	In the following questions ob-	
	In the following questions choose the word opposite in meaning to the g	iven word
	A) Vagueness	The state of the s
	B) Dullness	
	C) Unfairness	
	D) Unwillingness	
(Set	C) (14)	
	(14)	

	56. Find out which part of a sentence ha	
	If you turn the con-	s an error.
	No Error (d) Corner, (a) / you	s an error. will found a house (b) / built of stone. (c) /
	A) a	source (b) / built of stone. (c) /
	B) b	
	C) c	
	D) d	
e)/	57. Fill in the blank.	
	Everyone in this world is accoun	CONTROL CONTROL DO SERVICE DE SER
	A) about	table to God his actions.
	B) for	
	C) to	
	D) over	
ds/	58. Out of the four alternatives, choose the	ne one which can be substituted for the given words/
	sentence.	
	A person who shows off his learn	ng
	A) pedant	
	B) educationist	
	C) exhibitor	
	D) researcher	
est	R. S.	actly spelt. Find the correctly spelt word.
	59. Out of four words, one word is corr	cuy spenis
	A) dysentery	
	B) momentery	
	C) cemetary	
	D) comentary	C.I. 13°/Dhanna
	high best e	xpresses the meaning of the Idiom/ Phrase.
	60. Choose the alternative which	xpresses the meaning of the Idiom/ Phrase.
	to smell a rat	
	A) to smell foul	
	B) to see a rat	
	C) to chase a rat	(15) [P.T.O.
	D) to be suspicious	
	(Set - C)	

61.	Choose the alternative which best expresses the meaning of the Idiom/ Phrase
T CHIEFE	To let off steam, my friend started murmuring.
	A) to release his tension
	B) to show his anger
	C) to show his approval
	D) to show his displeasure
	b) to show his dispersions
62. I	dentify the best way to improve the underlined part of the given sentence.
	She is a very good sprinter. I can't run as fast as she does.
	as she do
	B) as she doing
	O) no improvement
63. 8	Select the word which many d
Money	Select the word which means the same as the group of words given. To express in an unclear way
	A) eloquent
	B) garbled
C	
D	The same of the sa
	, menigiole
64. S	elect the most appropriate and the second se
Т	he sky is quite assessed and a state of the blank.
A	he sky is quite overcast. We're to have rain today.
В	
C	
D	
65. Se	elect the most appropria
Ti	elect the most appropriate meaning of the given idiom.
(A)	he trouble makers took to their heels when they saw the police coming.
B)	ran away
C)	
D)	prepared to fight
(Set - C	
wei - C	(16)
4	

(Se

66. Which is the largest city in the Union Territory of Jammu and Kashmir? B) Srinagar
A) Jammu A) Jammu
B) Srinagar B) Srinagar
C) Anantnag
D) Leh
/ Company of the comp
A) Indus B) Ravi
A) Indus Allocated to Pakistan under the Indus Water Town
B) Ravi
C) Beas
D) Sutlej
A THE RESIDENCE OF THE PARTY OF
68. Gulmarg hill station lies in
A) Aravali Range
B) Pir Panjal Range
C) Langpangkong Range
D) Changkikong Range
/ Land to the state of the stat
69. Which of the following is known as the 'Valley of Shepherds'?
A) Pahalgam
B) Gulmarg
C) Sonamarg
D) Betaab Valley
70 V: CV 1 :-
70. King Harsha belongs to which dynasty of Kashmir?
A) Lohara B) Utpal
C
The state of the s
Which of the peak given in the choices is <u>NOT</u> one among the top 5 mountain peaks in India?
A) Trisul
B) Kangchenjunga
C) Kamet [P.T.O.
D) Nanda Devi (17)
(Set - C)

72.	The	book titled "Memories Never Die" was pu	ionshed as a triodic to whom:
	A)	Abdul Kalam	
	B)	Atal Bihari Vajpayee	
	C)	Pranab Mukherjee	
	D)	Manohar Parrikar	

73. Match the following Gold winning Paralympic athletes (Paris 2024) to the sports they were associated with:

1. Avani Lekhara

i. High Jump

2. Praveen Kumar

ii. Archery

3. Nitesh Kumar

iii. Shooting

4. Harvinder Singh

iv. Badminton

Choose the correct option:

A) 1-iii, 2-i, 3-iv, 4-ii

B) 1-i, 2-iii, 3-iv, 4-ii

C) 1-iii, 2-i, 3-ii, 4-iv

D) 1-i, 2-iii, 3-ii, 4-iv

74. In which year was English announced as the official language of the Government throughout India?

A) 1815

B) 1825

C) 1835

D) 1845

75. Who among the given options, had been conferred with the three Padma Awards and the Bharat Ratna Award as well?

A) Sachin Tendulkar

B) Bismillah Khan

C) Amartya Kumar Sen

D) L.K. Advani

Match the following Countries to its currency. Peso Chile ii. Kyat Georgia iii. Ruble Myanmar 4. iv. Lari Which of the pairs given above is/are correctly matched? 1-iii, 2-i, 3-iv, 4-ii 1-iii, 2-i, 3-ii, 4-iv B) 1-i, 2-iii, 3-iv, 4-ii C) 1-i, 2-iii, 3-ii, 4-iv D) The concept of the concurrent list in the Indian Constitution was adopted from the **British Constitution** A) B) Canadian Constitution Australian Constitution C) Irish Constitution D) 78. Match the following Dams to the rivers on which it is situated: River Dam Mahanadi Sardar Sarovar 1. ii. Periyar Hirakud -Narmada Bhakra Nangal 3. Sutlej iv. Which of the pairs given above is/are correctly matched? 1-iii, 2-i, 3-iv, 4-ii A) 1-iii, 2-i, 3-ii, 4-iv 1-i, 2-iii, 3-ii, 4-iv C) 1-i, 2-iii, 3-iv, 4-ii D) Of the following ,which is India's highest dam? Bhakra Nangal Dam A) Tehri Dam B) Nagarjuna Sagar Dam C) [P.T.O.

(19)

Nurek Dam

D)

(Set-C)

80. (Set-C) 84. 81. Match the 2024 Nobel Prize Award winners to their field: リ 9 B A SAARC Arbitration Council (SARCO) is situated in B 0 B A Choose the correct option. D A Match the above pairs appropriately. Match the following International organization to its Headquarters. Choose the correct option. 4 Match the International newspaper to its base country: D In which year, Indus Water Treaty was signed? D B B Bhutan John Hopfield Bangladesh India El Pais 1-iii, 2-i, Pakistan 1-111, Han Kang 1-1, 1-1. ICAO WWF The People's Daily The Guardian 1-1, Gary Ruvkun David Baker EU 1-iii, 2-i, 1-1, Kommersant 1-1, 1-iii, 2-i, 3-iv, 4-ii 1-iii, 2-i, INTERPOL 1965 1955 1-i, 2-iii, 3-ii, 4-iv 1960 l-iii, 2-i, 3-iv, 4-ii 2-iii, 3-ii, 4-iv 2-iii, 3-iv, 4-ii 2-iii, 3-iv, 4-ii 2-1, 2-111, 2-111, 3-ii, 4-iv 3-ii, 4-iv 3-11, 3-ii, 3-1V, 3-iv, 4-ii 4-11 4-iv 4-iv (20) E 7 F: -E: iv. E **:**: Spain Russia United Kingdom China Literature Physics Chemistry Medicine Brussels, Belgium Montreal, Canada Lyon, France Vaud, Switzerland

87.

00

(Ser-C

0

0

J What was the man as	
85. What was the mascot for the Khelo	India Winter Games, 2024?
A) Snow Leopard	
B) Musk Deer	
C) Red Fox	
D) Golden Eagle	
/	11 500 1 L. Gration must its consumption of
be reduced so as to keep the same	reased by 50% by what fraction must its consumption
	expenditure on its consumption
100	x1870
	The state of the s
C) 1/2	A STATE OF THE STA
D) 2/3	
or The average weight of a group of	seven boys is 56 kg. The individual weights (in kg) of
six of them are 52, 57, 55, 60, 59	seven boys is 56 kg. The individual weights (in kg) of and 55. Find the weight of the seventh boy.
A) 45 Kg	and 55. Find the weight of the 57 to 7 t
B) 54 Kg	110 110 160 120
C) 49 Kg	22840 52 3
D) 58 Kg	7 228
in each class this ratio changes classes in the beginning was	ses is in the ratio of 2:3:4. If 12 students are increased to 8:11:14. The total number of students in the three
A) 162	8.3 1 1 1 1 2 36
B) 108	a 4 2 + 12 - 4
C) 95-	はない またいできない
D) 54	48
89. A man riding a bicycle covers	s a distance of 60 km in the direction of the wind and
returns back in 8 hours. If speed	of the wind is 10 km/hour, find the speed of the bicycle.
A) 25 km/hour	
B) 20.5 km/hour	7V, 1 m/08
C) 20 km/hour	60 % 0100 x 0108
D) 30 km/hour	8 1000 1-
90. (0.08 × 0.007) is equal to	1000 1000 1 1 N
A) 0.056	3' /"
B) 0.0056	1.4
C) 0.00056	11 4 /o.
D) 0.56	to beat of the second
(Set - C)	(21) [P.T.O.

/		t an al	months required to get Rs. 25.5 as simple interest on Rs. 850
91.	Deter	mine the number of % per annum.	montant i
		10 months	2 (1 R) (1036)
		9 months	12 (100) Leaves (100)
		8 months	-11 + 36°) 10° -85°
		7 months	830
	D)	/ monuis	7800 42
0.5	Eind t	he missing number	in the following series:
92.		00, 200, 310, ?	10-100 7 (40)
			10x 310 430 310
	A) .4		(10) 100 200 H20 120
		420	90 100
	Transfer of	410	AND DESCRIPTION OF STREET OF STREET
	D)	440	
24	Fi. I	the migrice letters	in the following sequence in the correct order
93.			in the following sequence in the correct order
	-	_bcaab_ca_bbc_	in the following sequence in the correct order a abcacabbcabbca
	A)	ccaa	
	B)	abac	caab caab
	C)	abba	The second secon
	D)	bbaa	
94	If in	a certain language	PROSE is coded as PPOQE, how is LIGHT coded in that code?
<u></u>	A)	LIGFT	ROSE is coded as PPOQE, now is LIGHT coded in that code
	B)	LGGHT	PROSE.
	C)	LGGFT	CPPOOE
	D)	LLGFE	LHIOT
			PROSE is coded as PPOQE, how is LIGHT coded in that code. PROSE is coded as PPOQE, how is LIGHT coded in that code. PROSE is coded as PPOQE, how is LIGHT coded in that code.
95.	Intro	oducing a woman	The state of the only son of my father". How is that
	Won	nan related to the ma	in?
	A)	Husband	To the second se
	B)	Sister	
	C)	Wife	
	D)	Mother	(22) (A) A P
(Se	et - C)		(22)
			A CONTRACTOR OF THE CONTRACTOR

99.

100

(Set

