PART - I : GENERAL INTELLIGENCE

Construction of the second	ALL STREET, BURNER, CARLEN, LAND	ALL DISTRIBUTION	the second se
Directions (1-9) : In each of t		(b) Stream	22. Mrs. Susheela celebrated her
following questions, select t		(d) Pond	wedding anniversary on Tuesday,
related letter/word/number fro	m 12. (a) Konark	(b) Madurai	30th September 1997. When will
the given alternatives :	(c) Dilwara	(d) Ellora	she celebrate her next wedding
1. 8:9:56: ?	13. (a) RTW	(b) QOM	
(a) 90 (b) 73	(c) IKG	(d) IKM	anniversary on the same day ?
(c) 72 (d) 89	14. (a) EFH	(b) OPO	(a) 30 September 2003
2. ACEG : ZXVT :: BDFH : ?	Hirst BEFAR	Distances and the second	(ir) 30 September 2004
(a) YVSP (b, KAU1.20	15. (a) DH	server.c	OVIL FLAS Statibber 2002
(c) YUQM (d) YWUS	(c) IIK	(b) FJ	(d) 30 October 2003
3. BCFG : HILM :: NORQ : ?		(d) PR	23. A clock gains five minutes every
(a) TXUW (b) TUXW	16. (a) 24	(b) 49	hour. What will be the angle
(c) TVWX (d) TXWU	(c) 80	(d) 15	
4. Affluent : Qpulent :: Flourish : ?	Directions (17	-21) : In each o	traversed by the second hand in
(a) Prosper (b) Flatter	the following a	uestions, find the	one minute (
(c) Comprise (d) Outflow	odd letters/wor	d pair from the	(a) 300" (b) 360.5°
5. 25:37:49: 7	given alternative	es.	(c) 390° (d) 380°
(a) 56 (b) 60	17. (a) Confluence	Col Browner Ch	24. Sudha travels 8 km to the South.
(c) 65 (d) 41	(b) Concourse		Then she turns to the right and
6. ABCD : ZYXW :: EFGH : ?	(c) Radiation		walks 4 km. Then again she turns
(a) VUTS (b) EUTS	A COMPANY AND A COMPANY OF A DATA OF A COMPANY AND A C		to her right and moves 8 km
(c) POTS (d) UOTS	(d) Concentratio	n	
7. 7132::28 : ?	18. (a) cccgggkkk		forward. How many kin away is
(a) 128 (b) 126	(b) kkkooosss		she from the starting point ?
(c) 136 (d) 116	(c) tttxxxbbb		(a) 7 (b) 6
8. Gulp : Drink :: Rush : ?	(d) mmmqqqttt		(c) 4 (d) 8
(a) Jump (b) Hop	19. (a) Freedom at	Midnight and	25. A man started walking West. He
(c) Go (d) Run	Jawahar Lal 1	Nehru	turned right, then right again and
9. Joy : Delight :: Gloomy : ?	(b) Geetanjali an		finally turned left. Towards which
(a) Silent (b) Dull	Tagore		direction was he walking now ?
(c) Vague (d) Phain	(c) Godan and Mi	méhi Premehand	
	(d) Bhagwat Gita		
Directions (10-16) : Find the odd number/letters/ number pair from	20. (a) Dog	20-50-12-22-01-10-12-12-12-01-01-01-01-01-01-01-01-01-01-01-01-01-	
the given alternatives.	(c) Horse	(b) Cow	26. Some equations are solved on the
and the second		(d) Ox	basis of a certain system. Find the
Cr Cr Bi	21. (a) 532	(b) 761	correct answer for the unsolved
(c) Cardiology (d) Radiology	(c) 572	(d) 963	equation on that basis.

12-2-5 12-2-5 12-2-5	If $324 \times 289 = 35$, $441 \times 484 = 43$, $625 \times 400 - 45$, find the value of 256×729 .						45,	(a) $19+5-4 \times 2+4 = 11$ (b) $19 \times 5-4 + 2+4 = 16$	
	(a) 33 (b) 35				Sallor			(c) $19 + 5 + 4 - 2 \times 4 = 13$	
	(c) 43 (d) 34 7. If MEKLF is coded as 91782 and LLLJK as 88867,						0.70	(d) $19 + 5 + 4 + 2 + 4 = 20$	
41.	then how can IC				LLL	K as	88867,	33.	Which one of the given responses would be a
5.1花	(a) 97854	JHED	12000000000	64521	and the second			1	meaningful order of the following ?
	(c) 53410				Frank (1.2			1. Sentence 2. Word
28.	(c) 53410 (d) 75632 8. Two statements are given below followed by four					ved b	o four	37.6	3. Chapter 4. Phrase 5. Paragraph
220	alternative inferences. Select the one which is most							(a) $4, 3, 1, 2, 5$ (b) $2, 3, 5, 4, 1$	
新唐								(a) (a)	
	Statements :	WW	rw.e	sarn	cal	107	100	Sg.	Arrange the following words as per order in the
	(i) All radios s	old in	that sh	op are	of hig	h stand	lard.	34.	dictionary :
	(ii) Some of Mu							Ligen .	1. Inhabit 2. Ingenious
	Inferences :	Section				Sen in the			3. Inherit 4. Influence
日本	1. All radios o	f high	stand	ard an	e man	ufactu	red by	•	5. Infatuation
Profession of the	Murphy com					和法定	a filand	1.5	(a) 1, 2 3, 4, 5 (b) 5, 4, 1, 2, 3
中国	2. Some of the l							心影响	(c) 4, 5, 2, 1, 3 (d) 5, 4, 2, 1, 3
Sale B	 None of the 1 Some of the 1 							35.	Which one set of letters when sequentially places at the
新品	in that shop.	warpn	y radio	sorm	gn stan	idard a	re sola	1002	gaps in the given letter series shall-complete it ?
RISH.	(a) 1 and 2 infe	rences	only					1	ab b aba abab
	(b) 2 and 4 infe					Same in			(a) abbaa (b) bbaab
	(c) 1 and 3 infer					1943	MAR.	2	(c) abaab (d) aaaba
1.1	(d) 1 and 4 infe	rences	only		1.20	1.2 miles		36.	In a row of trees, a tree is 7th from left end and 14th from
	Directions (29-		Select	the m	ssing	numbe	r from		the right end. How many trees are there in the row ?
	the given respon	nses ;		9 3		Ser and		ter a	(a) 18 (b) 19
29.	7 3 2				2.986			in the second	(c) 20 (d) 21
ALC: N	4 9 6							37.	Shan is 55 years old, Sathian is 5 years junior to Shan
	2 1 5		(1)					12	and 6 years senior to Balan. The youngest brother of
和許	69 91 7		11. 出版					1710	Balan is Devan and he is 7 years junior to him. So what
			信託的	5.85				Sausu Sausu	is the age difference between Devan and Shan ?
	(a) 58		(b)	51					(a) 18 years (b) 15 years (c) 13 years (d) 7 years
	(c) 65	新改制	(d)	64	301				(c) 13 years (d) 7 years Two statements are given followed by four inferences.
30.	T	Stor.						30.	Select the alternative which is most appropriate.
	(? 8)							S AL	Statements :
	[]				. ta .		172	153	I. India is becoming industrialised.
	216 64	didam						s spect	II. Pollution is a problem associated with
	~···							and its	industrialisation.
S. Alt	(a) 343	ie - 4	(b)	512			No. 19	2013b	Inferences :
	(c) 729	電影	(d)	1000					I. All industrial centres are polluted.
31.	The population	of rats	is inci	easing	vear	ifter ve	ar in a		II. India is polluted.
	village. Find o							A SEA	III. Polluted nations are industrialised.
	following infor			mg pe	putati	on no	in the		IV. India may become polluted.
Str.	tonowing inton	manon	Series?	1.1.1.	1.2			To all	(a) All are appropriate
师常	Years :	1990	1991	1992	1993	1994	1995	E DES STE	(b) None is appropriate
	and a concerning of the second		8					14	 (c) Only IV is appropriate (d) Only II is appropriate
	Population :	4	8	16	?	44	64	20	From the given alternative words, select the word
(a) 22 . (b) 32				Finit	33.	which can be formed using the letters of the given			
ALL ST	(c) 28			34		a) and			word :
32	If '-' stands for	divisi			ultiplic	cation	'+' for		DETERMINATION
subtraction and 'x' for addition, then which one of the							100	(a) DECLARATION (b) NATIONAL	
following equations is correct?				on one	1	(c) TERMINATED (d) DEVIATION			
53. X	ionowing equa	aons R	F		-		- where		(b) intermetting



T 1 T A

(a) 59, 11, 56, 22, 44, 65 (b) 00, 11, 56, 02, 10, 58 (c) 59, 89, 67, 22, 98, 21

(d) 13, 78, 01, 67, 55, 79

N S N E 8 E A

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NGUSH LANGUAGE 01

the it is the transfilm	1918-19	entence is free from errors,	1911	(a) in case (b) thus
Directions (51-57) : A part of the		slacken the reviangle		(c) although (d) unless
sentence is Bold. Below are given		corresponding to (d) in		Directions (69-71) : Choose the
alternatives to Bold part a, b and		Unesponding to 14	22	word opposite in meaning to the given
c which may improve the	્ ગુલ	he Answer Sheet.	42.33	word and mark in the Answer Sheet
sentence. Choose the correct	58. 1	Drinking and driving/(a) are/(b) a		ABANDON
alternative. In case no	No. A	najor cause of accidents./(c) No		
improvement is needed, your		error (d)		
answer is 'd'.	59.	They are standing/(a) at the gate		
51. Prasad bowls faster than Sringth.	- 1	f the audit rium/(b) as there is no		GUMBLE (b) Powerful
fs not it ?	ca	ILD LELOS BRYENCO L	1/1	
(a) is not Prasad	60.	He is/(a) having many/(b) friends	1.10	
		here ((c) No error (d)	71,	EXEMPTIONS
(b) Does he	61	Looking forward/(a) to meeting		(a) Generalisation
(c) Does not he (d) No improvement	22623	you/(b) in person./(c) No error (d)		(b) Liberalisation
52. The authorities requested the	62	Galileo proved that/(a) the earth		(c) Exclusions
52. The aumonties requested the		revolves/(b) around the Sun./(c)		(d) Inclusions.
spectators to keep with the track.		No error (d)		Directions (72-74) : Out of the
(a) To keep on	67	I want/(a) they you should/(b)		Jour alternatives, choose the one
(b) To keep away	05.	perform well./(c) No error (d)		which best expresses the meaning
(c) To keep out of		Directions (64-68) ; Sentences		of the given word and mark it in
(d) No improvement 53. Hearing deformity is one of the	and l	are given with blanks to be filled		the Answer Sheet.
53. Hearing deforming is one of the most common birth defects in		in with an appropriate words(s).	72.	CONCEALED
India.	1	Four alternatives are suggested		(a) Covered (b) Closed
	LAR.	for each question. Choose the		(c) Sealed (d) Hidden
(a) Improvement (b) Detection	1.12	correct alternative out of the four	73.	RELISH
(c) Impairment	1711年	and indicate it in the Answer		(a) Realise (b) Taste
(d) No improvement		Sheet.	10.25	(c) Enjoy (d) Reveal
54. He is having many friends here.	64	The department head insisted that	74.	ACUTE
(a) Have	1999	he absolute authority to		(a) Dull (b) Drowsy
(b) Has	1.33	regulate office work.	-	(c) Unpleasant (d) Sharp
		(a) gives	123	Directions (75-76) : Group of
(c) Will have		(b) is given		four words are given. In each
(d) No improvement	1921	(c) would give	. 42	group one word is correctly spell.
55. The Commissions are set up to		(d) would be given		Find the correctly spelt word and
ask into the incidents.	65	Vinod, two of brothers	915	mark it in the Answer Sheet.
(a) Inquire	03.	attend primary school, wishes to	75.	(a) aknoledge
(b) demand	Rech	be a school teacher after his		(b) acknowledge
(c) look	Story.	graduation from the University.		(c) acknoledge
(d) No improvement		(a) whom (b) them		(d) acknolege
56. I am angry upon you.	1101	(c) whose (d) which	1 70.	(a) posess (b) possess
(a) Against	66	The deadline was nearby, so Mrs.		(c) posses (d) possus
(b) With	00.	Sweth had her students their	日常	Directions (77-81) : Four
(c) On (d) No improvement	1.2	cssays.	e i	alternatives are given for the idiom/ohrase Bold in the
57. Do not stay out late. Doine home		(a) complete (b) to complete		
soon.		(c) completing (d) completed		sentence. Choose the alternative which best expresses the meaning
	67	Our new digital photo-print	112	
(a) Quickly		machine, the manual is lost	13420	of the idiom/phrase and mark it in the Answer Sheet
(b) Fast	100	awaits to be set up properly.	-	
(c) Early (d) No	230		177.	She was on the horns of a
improvement	1	(a) of what (b) where	N. Att	dilemma as she had either to leve
Directions (58-63) : Some of the		(c) by whom (d) of which	h já	her Job or divorce her husband.
sentences have errors and some		Ramu is in the habit of revising just once, but Suresh never		 (a) in nervous condition (b) in terrible mood
are correct. Find out which part of				(c) in difficult situation
a sentence has an error and mark		understands a subject he	L. IS	
the appropriate letter (a. b, c). If a		revises it for atleast three times.		(d) in suspense

AND A DESCRIPTION OF THE REAL PROPERTY AND A DESCRIPTION		have a provide the second state of the second
78. He died in harness.	85. Place that provides refuge :	91. (a) weapons (b) bullets
(a) ceased to live	(a) shelter (b) house	(c) guns (d) targets
(b) died of a disease	(c) country (d) asylum	
		92. (a) industries (b) products
(c) died for his country	Directions (86-100) : Some of the	
(d) died while working	words have been left out. Firs.	
79. All his schemes ended in smoke.	read the passage over and try to	
(a) came to nothing	understand what it is about. Then	² 94. (a) friends (b) animals
(b) got on fire	fill in the blanks with the help of	(c) women-folk
(c) burnt up	the alternatives given. Mark your	
(d) atracted everybody	answer in the Answer Sheet.	(a) neighbours
	PASRAGE-J	95, (a) reliable
80. The young boy we liching in	LCOLTO Caterinto disent Auroles Child	111/ RGATELIAAsable
heels inspite of his mother's stern		
warnings.	(86) and from the(87) he	
(a) playing happily	finds, he is able to(88) the	
(b) kicking someone	daily lives of men and women	70 0 0 0 0 0 0 0 0 0
(c) wasting time	who lived thousands of years ago.	
(d) passing a gesture of disrespect	He makes a (89) study of those	
81. Fathima felt that she had been	things which those men and women	Bangal's hill resort that (97) at
made a scapegoat for her son's	left(90) them. From the	the foothills of the mighty
	(91) he judges the size of the	Himalayas(98) while in
incompetence.	animals their owners could kill,	
(a) fool (b) witness	from their tools he learns what	
(c) fall guy (d) proxy	(92) they had minstered and	gets the better of you,(99) the
Directions (82-85) : Out of the	from their pots, needles and combs,	and a second
four alternatives choose the one		in the set of the set
which can be substituted for the	he (93) the domestic skills of	
given words/ sentence.	their (94) Thus is has been	
82. A small room in a big house,	possible to write a generally	
hotel, ship etc. where glasses,	(95) account of human	96. (a) against (b) from
	evolution going back some half a	(c) with (d) to
dishes, spoons, food etc. are kept :	milion years.	
(a) Portico (b) Pantry	86. (a) rocks (b) history	97. (a) nestles (b) cuddles
(c) Mezzanine (d) Kitchen	(c) past (d) future	(c) sleeps (d) rests
83. A foreigner who settles in a	87. (a) witness (b) evidence	98. (a) so (b) and
country :	(c) knowledge (d) matters	(c) but (d) since
(a) Immigrant (b) Emigrant		99. (a) ask (b) take
(c) Alien (d) Visitor		(c) pick (d) pay
84. Doing something according to	(c) rebuild (d) reconstruct	
one's own free will :	89. (a) scientific (b) historic	100. (a) adjoining
	(c) realistic (d) research	(b) surrounding
(a) Wilfully (b) Obligingly	90. (a) with (b) behind	(c) skirting
(c) Voluntarily (d), Compulsorily	. (c) under (d) below	(d) bordering
	and the second	
	- III : QUANTITATIVE APTITI	UDE
101. P and Q are two points observed	103. A, O, B are three points on a line	(a) $\frac{1}{\sqrt{5}}$ (b) $\frac{1}{2}$
from the top of a building 10√3 m	segment and C is a point not lying	$\sqrt[40]{\sqrt{2}}$ $\sqrt[40]{\frac{1}{2}}$
high. If the angles of depression	on AOB_1 if $\angle AOC = 40^\circ$ and	(c) 1 (d) $\sqrt{2}$
of the points are complementary		
and $PQ = 20$ m, then the distance	OX, OY are the internal and	105. In the following figure, O is the
of P from the building is ;	external bisectors of ZAOC	centre of the circle and XO is
(a) 25 m (b) 45 m	respectively, then \BOY is :	perpendicular to OY. If the area of
(c) 30 m (d) 40 m		the triangle XOY is 32, then the
102. If A and B are complementary	(a) 70° (b) 80°	area of the circle is :
angles, then the value of	(c) 72° (d) 68°	
	104. If $x \sin^3 \theta + y \cos^3 \theta = \sin \theta \cos \theta$	
$-\tan A \tan B$	$104. \text{ If } x \sin^2 \theta + y \cos^2 \theta = \sin \theta \cos \theta$	$\left(\circ \right)$

 $\frac{\sin A \cos B + \cos A \sin B}{-\tan A \tan B} + \sec^2 A - \cot^2 B \text{ is };$ 10

(a) 2 (b) 0 (c) 1 (d) -1 and $x \sin \theta = y \cos \theta$ $\theta \sin \theta \neq 0 \cos \theta \neq 0$ th

 $\begin{array}{c} \theta, \sin \theta \neq 0, \cos \theta \neq 0, \\ x^2 + y^2 \text{ is :} \end{array}$ (a)

(a) 64π (b) 256π

(c) 16π (d) 32π	(a) $\frac{7}{-}$ (b) 1	122. If the difference between S.I. and
106. The side BC of $\triangle ABC$ is	3	C.I. for 2 years on a sum of money lent at 5% is ₹ 6/-, then the sum is :
	(c) 9 (d) 3	(a) ₹ 2,200/- (b) ₹ 2,400/-
	A reduction of 20% in the price of	(a) ₹ 2,200/- (b) ₹ 2,000/- (c) ₹ 2,600/- (d) ₹ 2,000/-
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	an apple enables a man to buy 10 apples more for ₹ 54/ The reduced	123. A hemisphere and a cone have
(4) 50 (0) 12	price of apple per dozen is :	equal bases. If their heights are
(c) 100 (d) J	(a) ₹ 4.32 (b) ₹ 12.96	also equal, the ratio of their
107. Two cheres of faun 4 chi and > chi	(a) $\langle 4.52 \rangle$ (b) $\langle 12.96 \rangle$ (c) $\gtrless 10.80 \rangle$ (d) $(12.96 \rangle$	curved surface will be :
respectively touch ener other	Price of a commodity has	(a) $1:\sqrt{2}$ (b) $\sqrt{2}:1$
externally at a point and a 116.	interring a commonly mas	
the points P and Q respectively.	cent must a consumer reduce the	(12) If the radius of a circle is
	consumption of the commodity so	increased by 50%, its area is
side PO, is :	as not to increase the expenditure ?	increased by :
(a) 97 sq cm (b) 194 sq cm	(a) 37' (b) 37.5	(a) 125% (b) 100%
	(c) 40.5 (d) 60	(e) 75% (d) 50%
	The cost of an apple is twice that	125. A and B working separately can
point P to circle at A and B. O is	of a banana and the cost of a	do a piece of work in 9 and 12
the centre of the circle. If	banana is 25% less than that of a guava. If the cost of each type of	days respectively. If the work for a day alternately with a beginning,
$\angle AOP = 60^\circ$, then $\angle APB$ is :	fruit increase by 10%, then the	
(a) 120° (b) 90° (c) 60° (d) 30°	percentage increase in cost of 4	
(c) 60° (d) 30° 1 109. If each interior angle is double of	bananas, 2 apples and 3 guavas is :	(a) $10\frac{1}{3}$ days (b) $10\frac{1}{2}$ days (c) $10\frac{1}{2}$
each exterior angle of a regular	(a) 10% (b) 12%	$(c) 10^{-1} days (d) 10^{-1} days$
polygon with n sides, the value of	(c) 16% (d) 18%	4
n is ; 118.	Walking 6/7th of his usual speed,	
(a) 8 (b) 10	a man is 12 minutes too late. The	10 days. B and C together can do
(c) 5 (d) 6	usual time taken by him to cover	
110. If $x^4 + \frac{1}{x^4} = 23$, then the value of $\begin{pmatrix} 1 \\ 1 \\ 1 \end{pmatrix}^2$ in the	that distance is : (a) 1 hour	together can do the work in 12
The second s	(b) 1 hour 12 minutes	days. Then A, B and C together can do the work in:
$\left(x-\frac{1}{x}\right)^2$ will be:	(c) 1 hour 15 minutes	(a) 28 days (b) 14 days
	(d) 1 hour 20 minutes	(a) 20 days (0) 1 daya
(a) 7 (b) -7 [119 (c) -3 (d) 3 [119	. If I walk at 5 km/hour, I miss a	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	train by 7 minutes. If, however,	
111. The value of	walk at 6 km/hour, I reach the	threefourth of the time. If together
$\sqrt{[6+\sqrt{\{6+(6+,upto\infty)\}}]}$ is	station 5 minutes before the departure of the train. The	uley take to days to complete a
	departure of the train. The distance (in km), between my	work; now much unic shall b take
(a) 3 (b) 10 and at	house and the station is :	. eo do temono i
(c) 8 (d) 2	(a) 6 (b) 5	(a) 30 days (b) 35 days (c) 40 days (d) 45 days
112 If $x + \frac{1}{2} = 3$ the value of $x^{5} + \frac{1}{2}$	(c) 4 (d) 3	(c) 40 days (d) 45 days 128. If a wire is bent into the shape of a
equal to : (a) 3 (b) 10 (c) 8 (c) 8 (d) 2 112. If $x + \frac{1}{x} = 3$, the value of $x^5 + \frac{1}{x^5}$ 120	. ₹ 800/- becomes ₹ 956/- in 3 year	square, then the arca of the square
is:	at a certain rate of simple interest	so formed is \$1 cm ² When the
(a) 123 (b) 126 (c) 113 (d) 129	If the rate of interest is increase	wire is ement into a semicircular
(c) 113 (d) 129	by 4%, what amount will ₹ 800/	shape, then the area (in cm2) of
113. If $\sqrt{6} \times \sqrt{15} = x\sqrt{10}$, then the	become in 3 years ? (a) ₹ 1020.80/- (b) ₹ 1025/-	the semicircle will be :
value of x is :	(c)₹1052/=* (d)₹1050/-	$\left(\text{Take } \pi = \frac{2}{7} \right)$
value of x is : (a) 3_{-} (b) ± 3 (c) $\sqrt{3}_{-}$ [12]	Simple interest on a certain sum i	s 7)
(d) √6	16/25 of the sum. The rate percer	it (a) 22 (b) 44
114. In the xy-coordinate system, if	if the rate per cent and time (i	n (e) 77 (d) 154
(a,b) an $(a+3,b+k)$ are two	ycars) are equal, is :	129. Marbles a diameter 1.4 cm are
points on the line defined by the	(a) 6% (b) 8%	dropped into a cylindrical beaker
equation $x = 3y - 7$, then $k : \frac{1}{2} y ^{-1}$	(c) 10% (d) 12%	containing some water and are

fully submerged. The diameter of the beaker is 7 cm. 139, By selling an article for ₹ 144/-, a person gained such Find how many marbles have been dropped in it if the water rises by 5.6 cm :

(a)	50	(b) 150
(c)	250	(d) 350

- 130. Water is flowing at the rate of 3km/hr through a circular pipe of 20 cm internal diameter into a circular cistern of diameter 10m and depth 2 m. In how much time will the cistern be filled ?
 - (a) | hr (b) 1 in 40 mins
- (c) 1 hr 20 mins (1) 2 1 1 49 raises 131. At each comer of a mangular field of sides 26 nr. 28 m and 30 m, a cow is tothered by a rope of length 7 m. The area (in m⁴) unglazed by the cows is :
 - (h) 259 (a) 336
 - (c) 154 (d) 77
- 132. A shopkeeper allows 23% commission on his advertised price and still makes a profit of 10%. If he gains'₹ 56/- on one item, his advertised price of the item, in ₹ is :
 - (a) 820 (b) 780 (c) 790 (d) 800
- 133. The ratio of the ages of Ram and Rahim 10 years ago
- was 1 : 3. The ratio of the their ages five years hence will be 2:3. Then the ratio of the their present ages is : (a) 1:2 (b)3:5
 - (c) 3:4 (d) 2:5
- 134. The incomes of A, B and C are in the ratio 7:9:12 and their spending are in the ratio 8 : 9 : 15. If A saves 1/4 th of his income, then the saving of A, B and C are in the ratio of :

(a) 69:56:48	(b) 47 ; 74 ; 99
(c) 37:72:49	(d) 56:99:69

- 135. The average of 25 observations is 13. It was later found that an observation 73 was wrongly entered as 48. The new average is :
 - (a) 12.6 (b) 14 (c) 15 (d) 13.8
- 136. An article is marked 40% above the cost price and discount of 30% is allowed. What is the gain or loss percentage?

(a) 10 % gain	(b) 5% gain
(c) 2% loss	(d) 12% loss

- 137. A main bought oranges at the rate of 8 for ₹ 34/- and sold them at the rate of 12 for ₹ 57/-. How many oranges should be sold to carn a net profit or ₹ 45/-? (a) ₹ 90/-
 - (b)₹100/-(c) ₹135/-(d)₹150/-
- 138. A man sells two articles for ₹ 5,000 each neither losing nor gaining in the deal. If he sold of them at a gain of 25%, the other article is sold at a loss of :

(a) $15\frac{2}{3}\%$	(b) $16\frac{2}{3}\%$,
c) $17\frac{1}{3}\%$	(d) $18\frac{1}{3}\%$

- that the percentage gain equals the cost price of the article. The cost price of the article is :
 - (a) ₹ 90/-(b) ₹ 80/-(c) ₹ 75/-(d)₹60/-
- 140. The average age of 11 players of a cricket team is increased by 2 months when two of them aged 18 years and 20 years are replaced by two new players. The average age of the new players is :

(a) 19 years 1 month. (b) 19 years 6 month

Directions (141-25) : Study the following graph carefully to answer these questions :

Details about the distribution of employees and expenditure of an organization (Distributed proportionately across the departments)

Annual expenditure on different items Total Expenditure =₹ 12 crores



Department wise distribution of employees Total number of employees = 1200



- 141. What was the total expenditure on Accounts department?
 - (a) ₹16.8 lakhs (b) ₹ 1680 lakhs
 - (c) ₹ 18.6 millions
 - (d) ₹ 16.8 millions
- 142. What was per employee expenditure on medical ?
 - (a) ₹ 12,000/-(b)₹13,000/-
 - (c) ₹ 12.500/-(d) ₹ 13,500/-
- 143. What was the total expenditure on salary of employees in Marketing department ?
 - (a) ₹ 6.12 lakhs (b) ₹ 61.2 millions
 - (c) ₹ 6.12 millions (d) ₹176 lakhs
- 144. What was the amount spent on electricity ? (a) ₹ 132 millions
 - (b) ₹ 13.2 millions
 - (d) ₹ 12.6.1akhs

(c) ₹126 millions

145. What was the expenditure on telephone for employees	(a) 10% prolit
in computer department?	(b) 12% profit
(a) ₹ 11.52 lakhs (b) ₹ 11.52 millions	(c) 10% loss
(a) \$ 10.72 lakba (d) \$ 10.72 millions	(d) No profit no loss
Directions (146-150) : Study the following graph 1	147. If the income of company A increased by 10% in year
carefully and give answers.	2007 from year 2006 and profit carned in 2006 was
Account of income and expenditure (in crores)	20%, what was its expenditure in 2006 ? (The value
of seven companies in the year 2007.	upto two decimal places in crores)
	(a) 36.36 . (b) 32.32
60 Expenditure [] Income	(c) 30.30 (d) 28.41
Vanount in coo 400 + 5, 25 200 + 0 A B C D E F G Companies	 (a) For every luck of entry. (f in 2007 was 20% more than its expenditure in the year 2006 and the company earned a profit of 10% in 2006, what was the company's mean in 2006 (in % errore)? (a) 37.5 (b) 41.25 (c) 34.09 (d) Can't be determined (b) 41.25 (c) 34.09 (d) Can't be determined (c) 41.09 (d) Can't be determined (d) Which of the following companies had the highest percentage of profit/loss in 2007? (a) B (b) C (c) F (d) A (b) What is the approximate percentage of profit earned by all the companies together in 2007? (a) 11 (b) 11.5 (c) 10.5 (d) 12
146. Approximately what is the percentage of profit/loss that companies C and D had together ? PART - IV : GENER	
151. Which of the following statements is/are correct ?	(a) Paris (b) London (c) New York (d) Tokyo
Article 26 of the Constitution of India states that	
subject to public order, morality and health, every	155. In which one of the following Sessions was the Indian
religious denomination or any section thereof shall	National Congress split into Moderates and Extremists?
have the right	(a) Nagpur (b) Allahabad
 to establish and maintain institutions for religious and charitable purposes. 	(c) Surat (d) Calcutta
 to manage its own affairs in matters of religion. 	156. Who among the following was the first Governor
3. to own and acquire movable and immovable	General of India ?
property.	(a) Lord Amherst
(a) 1 only (b) 2 and 3 only	(b) Lord William Bentinck
(c) 1 and 3 only (d) 1, 2 and 3	(c) Sir Charles Metacalfe
152. Who among the following was not a party to the	(d) Robert Clive
coalition that fought against the English in the Baule of	157. Which one of the following has geographical position
Buxar?	 of 0° latitude and 0° longitude ?
(a) Mir Kasim	(a) In the South Atlantic Ocean
(b) Mir Jafar	(b) In the Mediterranean Sca
(c) Shuja-ud-daulah	(c) In Ghana, a West African country
(d) Shah Alam II	(d) At Greenwich Observatory in England
153. Who among the following had founded the	158. Arrange the following in chronological order :
Theosophical Society in the United States of America ?	1. Third Carnatic War
(a) Swami Dayanand Saraswati	2. First Burmese War
(b) Madame Blavatsky	
(c) Madame Camas	3. First Mysore War
(d) Lala Hardayal	4. Second Afghan War
154. In which one of the following cities, was the East India	(a) 1-4-3-2 (b) 1-3-2-4
Association founded by Dadabhai Naoroji in 1866?	(c) 2-4-1-3 (d) 3-1-2-4

 159. After 1857, who of the following announced, at a Darbar at Allahabad, the assumption of the Government of India by the Sovereign of Great Britain ? (a) Lotd Canning (b) Si John Lawrence (c) Lord Mayo (d) Lord Northbrook 160. With which one of the following did the Civil Disobedience Movement in India commence ? (a) The Dandi March (b) No Tax campaign by Sardar Patel (c) The unfurling of the national flag by Jehru (d) Mahatma Gandin's going on the Governor-General of India immediately preceding Chakravarthi Rajagopalaciati? (a) The Marquess of Linlithgow (b) Lord Mountbatten (c) Lord CheImsford 162. Meghnad Saha is known for his contribution in which 	 (d) All of above 167. In which one of the following places is the Indira Gandhi Centre for Atomic Research located ? (a) Thiruyananthapuram. (b) Sritharikota (c) Kalpakkam (d) Trombay
one of the following fields ?	List-I List-II
(a) Physics (b) Medical Science	A. Jeev Milkha Singh 1. Archery
(c) Environmental Science	B. Jayanta Talukdar 2. Cricket
(d) History	C. N. Kuniarani Davi 3. Power lifting
163. Which one of the following days is observed as the World Environment Day ?	D. Jhulan Goswami 4. Golf
(a) 28th February	
(b) 4th March	A B C D (a) 4 1 3 2
(c) 5th June	(b) 4 3 1 2
 (d) 16th September 164. Who of the following State Chief Ministers recently 	(c) 2 3 1 4
won United Nation's Public Service Award for his	(d) 2 1 3 4 169. Who among the following fast bowlers has taken a
Mass Contact Programme ?	hat-trick in the very first over of a Test Cricket match?
(a) Oommen Chandy (Kerala)	(a) Glenn McGrath (b) K. Pietersen
 (b) J. Jayalalitha (Tamil Nadu) (c) Prithviraj Chavan (Maharashtra) 	(c) C. Walsh, (d) Irfan Pathan
(d) Narendra Modi (Gujarat)	170. In the final match of Indian Premier League 2013,
165. Match the following :	Mumbai Indians defeated Chennai Super Kings to lift its First IPL Trophy. Who of the following was the
List-II List-II	captain of Mumbai Indians in the final match ?
A DIO A	(a) Sachin Tendulkar (b) Rohit Sharma (c) Ricky Ponting (d) MS Dhoni
	171. In which country of the world, the largest Buddhist
B. Zakir Hussain 2. Classical dance	temple is located ? (a) Japan (b) Indonesia
C. Ulhas Kashalkar 3., Painting	(a) Japan (b) Indonesia (c) China (d) India
D. Yamini Krishnamurty 4. Vocal classical	172. Which of the following rights was considered by Dr. Ambedkar as the 'Heart and Soul' of the Indian
ABCD ABCD	Constitution ?
(a) 3 1 4 2 (b) 2 4 3 1	(a) Right to Equality
(c) 2 3 4 1 (d) 3 4 1 2	(b) Right to Freedom of Religion
166. Below is the list of persons who recently scaled the	(c) Right to Freedom of Speech(d) Right to Constitutional Remedies
Mount Everest. Choose the correct match ?	(d) Kight to Constitutional remotions

173. Which of the following countries	181. For outstanding lifetime	(c) HDFC Bank
joined hands to develop new	achievement in which one of the	(d) All of the these
climate-resilient varietics of rice	following areas is the Abel Prize,	188. Unique Identification Authority
and wheat, two of the major crops.	an international prize, awarded ?	of India (UIDAI) recently
in the world?	(a) Ecology and Environment	inaugurated new Aadhaar-enabled
(a) India, Russia, Bangladesh	(b) Medical Science	services which would in turn help
(b) India, Russia, USA	(c) Mathematics	the residents of India in
	(d) Biotechnology and Genetic	authenticating their identity
(c) Russia, Japan, India	the second se	anywhere and anytime via any
(d) India, USA, Australia	Engineering	digital platform. Which of the
174. Which of the following gases is	182. Which of the following banks	and plant plant in the of the
produced during lightning "	meently tice up with Western	
(a) Nitrous Oxide	ucalingarassaaksakes	
(b) Nitrogen Dioxide	to provide effective foreign	(a) e-KYC
(c) Nitric Oxide	exchange payments for SMEs or	(b) OTP (one time pin)
(d) Nitrogen .	small and medium enterprises in	authentication
175. From which language is the word	India?	(c) Iris authentication
'alphabet' derived ?	(a) Indusind Bank	(d) All of the above
(a) Greek	(b) Axis Bank	189. Which one of the following
(b) French	(c) World Bank	· pharmaceutical companies filed
(c) German	(d) Asian Development Bank	writ petitions against Government
(d) Latin	183. Recently India and Singapore	of India not others, to plead
176. Which of the following diseases	reaffirmed their strong and	against the rejection of its patent
usually spreads through Milk ?	long-standing defence tics as they	application by a Patent Office in
(a) Plague	renewed a bilateral agreement for	Chennai ?
(b) Polionyelitis	the conduct of joint army training	(a) Aventis
(c) Typhoid	and exercises. When was this	(b) Cipla
(d) Diphtheria	agreement first signed ?	
	(a) 2009 (b) 2010	(e) Glaxo-SmithKline
177. Which of the following is the	(d) 2009 (d) 2007	(d) Novartis AG
world's oldest capital city ?		190. Which one of the following
(a) Canberra (b) Damascus	184. Which one of the following	locations does not have a steel
(c) Oslo (d) Accra	countries has its military base in	plant of SAIL ?
178. The National Police Academy at	the Indian Ocean island of Diego	(a) Bhilai
Hyderabad is named after which	Garcia?	(b) Bokaro
of the following personalities ?	(a) France (b) Russia	(c) Rourkela
(a) Jawaharlal Nehru	(c) U.K. (d) U.S.A.	(d) Visakhapatnam
(b) Mahatma Gandhi	185. Where is the Headquarters of	191. The CTS-2010 standards made
(c) Lal Bahadur Shastri	NATO located ?	compulsory by the RBI from
(d) Sardar Vallabh bhai Patel	(a) Amsterdam (b) Brussels	April 1, 2013 refer to which of the
179. NASA sent its unmanned	(c) Berlin (d) Paris	following ?
spaceship Mars Lender to	186. Recently India signed a treaty for	
Mars for searching water and	the extradition of runaways	(a) Cheque Tracking System
many more chemicals.	wanted for terrorism,	(b) Cheque Truncation System
(a) Éternity	transnational crimes, economic	(c) Cheque Transaction System
(b) Phoenix	offences and other serious crimes	(d) Cheque Testing System
(c) Xavier	which will shortly eliminate a safe	192. Who of the following is an
(d) Cassini	refuge for criminals with which of	
	the following countries ?	(a) Monu Mazumdar
'180. The Uttarakhand government is	(a) Thailand (b) Kenya	(b) Shiv Kumar Sharma
building a new Vidhan Sabha	(c) Iceland (d) Finland	(c) Satish Gujral
Bhawan (Legislative Assembly		(d) Dinanath Mishra
building) in which is	187. The Reserve Bank of India	193. Which printer is very commonly
being developed as the summer		
, capital of the state.	following banks for violation of	The second second second in the second s
(a) Kashipur	KYC norms and anti-money	
(b) Gairsain	laundering guidelines ?	(b) Inkjet printer
(c) Rishikesh	(a) Axis Bank	(c) Daisywheel printer
(d) Roorkee	(b) ICICI Bank	(d) Dot matrix printer

194. An output device that uses words or messages recorded on a		helicopters to tanks.
magnetic medium to produce		C. The treaty would create
audio response is :	above is/are correct ?	requirements for all the
(a) Magnetic tane	(a) 1 and 2	countries to review the
(b) Voice response unit	(b) 3 only	cross-border contracts in
(c) Voice recogniion unit	(c) 2 and 3	order to make sure that these
(d) Voice band	(d) 1 and 3	weapons would not be used
195. Contaminated water can cause the	198. Which one among the following	for the illegal purposes such
following diseases except which	states has more population than	as organised crimes, human
one of the following?	Icationobserver.col	A Party abuses, violation of
(a) Hepatitis A	(a) Gujarat	J muthannan iaw as well as
(b) Typhoid	(b) Madhya Pradesh	terrorism.
(c) Measles	(c) Orissa	(a) Only A
(d) Cholera	(d) Rajasthan	(b) Only B
196. Which one of the following		(c) Only C
diseases is caused by bacteria and	199. Recently more than 65 Countries	(d) All of these
spreads through faecal matter by	across the world signed the Arms	200. During the reign of Alauddin
houseflies ?	Trade Treaty. Which of the	Khilji, who were amils ?
(a) Pertussis	following is /are the objective/s of	(a) Local landlords at village
(b) Typhoid	Arms Trade Treaty ?	level
(c) Diphtheria	A. Arms Trade Treaty is required	(b) Government agents to collect
(d) Chickenpox	for controlling the	land revenue
197. Consider the following statements :	unrestrained flow of the arms	(c) Khurasani and Multani
1. Ranjit Sagar Dam is on the	as well as antipunition.	traders of foodgrains
river Beas.	B. This treaty is to set the	(d) Banjaras who carried the
2. Hirakud Dam is on the	standards for the purpose of	food-grains from villages to
river Damodar.	cross-border transfers of	towns

apons ranging from attack icopters to tanks.