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Directions : Which one set of le ters when sequentially placed at th	2 less than four times the so age. Find the present age of t	
gaps in the given letter series sha	11 father.	
complete it ?	(1) 30 years (2) 40 years	c = 5 (?) 12
23. aebd_fjgi_koln_	(3) 31 years (4) 29 years	(1) 299 (2) 289
(1) cmh (2) chm	32. Six persons A, B, C, D, E, F sit	in (3) 279 (4) 280
(3) cg m (4) cj 1	2 rows, 3 in each. If E is not	at Directions : Find the missing
Directions (24-30) : In each o	any end. D is second to left of	F. number from the given responses.
the following questions, find the miss	C is neighbour of E and is sitti	
ing number/ letters/figure from th given responses.	e diagonally opposite to D and B neighbour of F, who will be opp	11s 2 4 4 po- 4 5 9
24. 5255. 5306 5408, 5459	site to B ?	
(1) 5057 (2) 5357	(1) A (2) E	3 2 3 50 70 2
(3) 2257 (4) 5157	(3) C (4) D	
25. b 3 P. c 6 R, d 12 T. e 24 V. ? (1) f 48 X (2) f 46 Y	33. A is the father of B, C is the daug	
(1) f 48 X (2) f 46 X (3) f 48 W (4) g 48 X	ter of B, D is the brother of B, is the son of A. What is the reli- tionship better	E 41. In a square-shaped field A, B, C,
26. Question Figures	between C and F 9	
	(1) Brother and sister	
t[[9 0]	(2) Cousins	
1 2	(3) Niece and uncle	followed as shown in the figure.
	(4) Uncle and aunt	
Answer Figures	Directions (34 - 35) : In each o	C I A
	alternatives coloridations, from the given	N N
	not be formed using the which can	D
	given word.	В
	34. REPUBLICAN	SK Y
(1) (2) (3) (4)	(1) CLIP (2) PURE	U W
27. guestions Figures	(3) ANKLE (4) DANK	C
	SO. ESTRANGE	and the second sec
	(1) GENERATE	If A moves clockwise $2\frac{1}{2}$ sides
	(2) SERGEANT	sides
× Add X S	(3) REAGENTS	anda
	(4) GREAT	and D moves anti-clockwise $2\frac{1}{2}$
Answer Figures	36. If SEVEN is coded as 23136 and	sides they will be in
I am I and I am	bioin as 343/9, what will be the	(1) South and West region
TA A A	CODE IOF NINE ?	(2) North and East region
	(0) 0004	(3) South and North region
x x x x	(3) 6346 (4) 6436 37. In a code language di	(4) North and West as a
(1) (2) (3) (4)	37. In a code language, the following alphabets are coded in a particular way	*** My Iriend and L storted
cegi	in my .	
28. $\frac{c}{6}, \frac{e}{10}, \frac{g}{14}, \frac{i}{18}, ?$	A B C D E G N R L M	
Sector Wards		
(1) $\frac{k}{22}$ (2) $\frac{k}{11}$	which word can be decoded from	
(1) $\frac{\kappa}{22}$ (2) $\frac{k}{11}$	and ronowing r	and goes 20 m and then turns right again and comes back to the
P	offo # 4 + 4 + offo	
(3) $\frac{p}{22}$ (4) $\frac{p}{11}$	(1) GARAGE (2) GARDEN	
	(3) GARGLE (A) CAMPLE	
	. Which one of the following is own	the chi us at this point of time?
(a) wain	rect ? 96 * 6 * 8 * 2	(1) 50 m (2) 20 m
(3) WXYZ (4) WYXA 30, 2 65 7 50 10 50	(1)	(3) 30 m (4) 40 m
30. 2, 65, 7, 59, 12, 53, <u>2</u> , <u>2</u> (1) 15, 42 (2) 17, 45	(1) \div , =, x (2) x, =, \div 4	13. Two positions of a cubical block
(3) 17, 47 (4) 18, 48 39 31. A father's age to 39	Some equations are solved on the	
times of his son's and than 5	basis of certain systems. On the same basis find out the correct	another position of the cube, if there is one triangle at the bot-
years, the father's age would be		toni, now many triangles udli h-
and a dec would be	ternatives for the unsolved equa-	there on the top face ?



44. Choose from the four answer figures, the figure that will be formed when the question figure is folded into a box.



Answer figures



Directions (45 - 46) : In each of the following questions of the following, a statement is followed by two conclusions I and II. You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given conclusions can definitely be drawn from the given statements. Indicate your answer.

- 45. Statement : Religious minded and God fearing people will not cheat. Conclusions :
 - 1. Those who cheat are atheists.
 - II. Religion nurtures virtues.
 - (1) Only I follows
 - (2) Only II follows
 - (3) Both I and II follow
 - (4) Neither I nor II follows
- 46. Statement : India is a multilingual country, Hindi is the national language of India.
 - Conclusions :
 - I. All Indians should learn many languages.
 - II. To be an Indian one needs to learn Hindi.
 - (1) Only I follows
 - (2) Only II follows
 - (3) Neither I nor II follows
 - (4) Both I and II follow
- 47. Which one of the following four diagrams represent correctly the relationship between Musicians, Instrumentalists, Violinists?

48. Which answer figure will complete the question figure ? **Question** Figure

(2)



Answer Figures



49. In the following figure in a garden, square represents the area where Jackfruit trees are grown: circle represents Mango trees and triangle represents Coconut trees. Which number represents the common area in which all types of trees are grown ?



swer figures, select the one in each in which the question figure is hidden/ embedded.

50. Question Figure



Answer Figures



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Directions (51-55) : In the following questions, some of the sentences have errors and some have none. Find out which part of a sentence has an error. The number of that part is the answer. If there is no error, your answer is (4) i.e. No error.

- 51. The Secretariat (1)/ comprises of (2)/ many air-conditioned rooms. (3) / No error (4)
- 52. It is high time (1)/ he stood on his own (2)/ two legs. (3)/ No error (4)
- 53. You should avoid (1)/ to travel (2)/in the rush hour. (3)/ No error (4)
- 54. There is (1)/ only one of his novels (2) / that are interesting. (3) / No error (4)
- 55. He denied (1)/ to have (2)/ been there. (3)/ No error (4)

Directions (56-60) : In the following questions, out of the four alternatives, choose the one which best expresses the same meaning of the given word.

SC DECREPITUDE

56.	DECREPTIOD	
	(1) disease	(2) coolness
	(3) crowd	
	(4) feebleness	
57.	TRANSITION	
	(1) position	(2) translation
	(3) change	(4) movement
58.	ACCUSED	
	(1) indicated	(2) indicted
	(3) induced	(4) instigated
59.	BECKONED	
	(1) accused	(2) called
	(3) sent	(4) acquitted
60.	GENUINE	
	(1) generous	(2) healthy
	(3) natural	(4) original
3	Directions (6)	-65) : In the fol-
lowin	ng questions.	choose the word
		g to the given word
61.	ABUNDANT	
	(1) short	(2) limited
	(3) petty	(4) meagre
62.	HARASS	
	(1) reward	(2) praise
	(3) flatter	(4) relieve
63.	CHARMING	
	(1) insolent	
	(2) indignant	
	(3) repulsive	
	(4) handicapp	ed
-		

64 GRUESOME (1) attractive (2) beneficial (3) gracious (4) amicable 65. DESPISE (1) appease (2) flatter (3) admire (4) appreciate Directions (66-70) : In the following questions, four alternatives are given for the idiom/phrase in bold in the sentence. Choose the alternative which best expresses the meaning of the idiom/phrase. 66. The student is on the verge of breakdown. (1) on the brink of (2) at the outset of (3) in the midst of (4) at the risk of 67. My repeated attempts to get refund from the civic authorities were of no avail. (1) unsuccessful (2) postponed (3) useless (4) delayed 68. He was progressing by leaps and bounds because of his hardwork. (1) rapidly (2) slowly (3) peacefully (4) strongly 69. To emerge out of thin air means to (1) appear suddenly (2) descend gradually (3) fall down quickly (4) enter from space 70. The news of the accident came as a bolt from the blue. (1) something unexpected (2) something unpleasant (3) something horrible (4) something unexpected and unpleasant Directions (71-75) : In the following questions, out of the four alternatives, choose the one which can be substituted for the given words/ sentence. 71. A short stay at a place (1) Halt (2) Interlude (3) Intermission (4) Sojourn 72. A raised place on which offerings to a god are made

(2) Chapel

(4) Archives

lion.

73. To talk much with hosted by education observer com/forum the point help a lion. (1) Verbosity Directions (81-85) : In each of the (2) Garrulousness (3) Loguacity (4) Circumlocution 74. That which can be easily broken (1) Brittle (2) Attempt (3) Cemetery (4) Breakable 75. A place where a wild animal lives (1) Forest (2) Stable (3) Lair (4) Sanctuary Directions (76-80) : In the following questions, a sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice. 76. One should keep one's promise (1) One's promise should be kept by us. (2) One's promise has to be kept. (3) A promise should be keeping (4) A promise should be kept. 77. Who is creating this mess ? (1) Who has created this mess? (2) By whom has this mess been created ? (3) By whom this mess is being trite. created ? (4) By whom is this mess being created ? 78. The clown was being laughed at by them. (I) They were laughing at the clown. (2) They were laughing on the clown. (3) They laughed at the clown. (4) The clown was laughed at by them. (4) No improvement 79. I saw him leaving the house. (1) He had been seen leaving the house. (2) He was seen to be leaving the house. (3) He was seen to be leaving the house. (4) He was seen leaving the house by me. 80. A lion may be helped even by a (1) at little mouse. (3) about (1) A little mouse may even help a lion. (2) Even a little mouse may help a lion. (3) A little mouse can even help a

following questions, a part of the sentence is printed in **bold**. Below are given alternatives to the bold part at (1), (2) and (3) which may improve the sentence. Choose the correct alternative. In case no improvement is needed. vour answer is (4). 81. The only way to solve the racial problem is by education (1) because of (2) thanks to (3) on account of (4) No improvement 82. He may be poor now but he appears to be rich. (1) to seem rich (2) rich to be (3) to have been rich (4) No improvement 83. The suspected couple was taken away from the airport through a side entrance to the police station for interrogation. (1) whisked (2) rushed (3) guided (4) No improvement 84. She left the room feeling con-(1) sorry for what she had done (2) rather ill (3) extremely irritated (4) No improvement 85. The transport workers have organised a strike asking for more salary. (1) demanding (2) begging (3) requesting

Directions (86-90) : In the following questions, sentences are given with blanks to be filled in with appropriate word (s). Four alternatives are suggested for each question. Choose the correct alternative out of the four. 86. I complimented him his success in the examination. (2) on

(4) for 87. Security arrangements have been tightened up in all _____ areas. (1) sensible

(2) sensual

(3) sensitive

(4) sensational

A 1661 1	Files is the state	advactionabaanvar aam/farum
88. The dramatist must cater	(3) Material progression and solet y	education
the taste of the audience.	(4) We have assumed to progress	QUANTITATIVE APTITUDE
(1) to (2) over	92. What does the writer attribute	The second secon
(3) into (4) for	to modern economics?	101. If $x = 2 + \sqrt{3}$, then $x^3 + \frac{1}{x^3} = \frac{1}{x^3}$
so Suitable steps are taken to uning	(1) That our lives are easier than	101. If $x = 2 + \sqrt{3}$, then $x + \frac{1}{x^3} = 7$
the cost of living.	before	
(1) up (2) over	(2) The progress is a natural pro-	IN TANK WIT (A) BRITTIN
(3) on (4) down	cess	
on If I had worked here, I very	(3) That material progress leads	(3) 54 (9) 50 102. If $\frac{9^n + 3^2 \times (3^{-n/2})^{-2} - (27)^n}{3^{3m} \times 2^3} = \frac{1}{27}$.
high marks in the examination.	to higher satisfaction and	Contraction of the state
(1) scored (2) would score	well-being	then $m - n = ?$
(3) could score	(4) That it forces us to assume	(1) 3 (2) 2
(4) would have scored	progress	(3) 4 (4) 8 (6) (4)
Directions (91-95) : In the fol-	93. What is the writer's image of the	103. If the product of two numbers is
lowing questions, you have a brief	primitive people?	2160 and HCF is 6, then the ra-
passage with five questions following	(1) Their life was harsh	tio of HCF and LCM is
the passage Read the passage care-	(2) They did no work	(1) 21 : 60 (2) 60 : 21
fully and choose the best answer to	(3) They were lazy	(3) 1 : 60 (4) 60 : 1
each question out of the four alterna-	(4) Search for food was their pri-	104. The next term of the sequence 3.
tives.	mary focus in life	14, 39, is (1) 42 (2) 53
Faith in progress is deep within	94. What is the key to understand-	(1) 42 (2) 55 (3) 65 (4) 84
our culture. We have been taught to	ing the primitive people's	105. The value of
believe that our lives are better than the lives of those who came before us.	behaviour according to the pas-	
The ideology of modern economics	sage?	$\sqrt{0.2304} + \sqrt{0.1764}$
suggests that material progress has	(1) They had no desires	$\sqrt{0.2304} - \sqrt{0.1764}$ is
vielded enhanced satisfaction and well-	(2) They had everything they	
being. But much of our confidence	needed	(1) 6 (2) 28 (3) 18 (4) 15
about our own well-being comes from	(3) They had limited desires	(3) 18 (4) 15 106. P and Q can finish a work in 15
the assumption that our lives are easier	(4) They kept their wants high	and 10 days respectively. 9
than those of earlier generations.	95. How does the writer appreciate	starts the work and leaves it af-
The lives of the so-called primi-	the primitives ?	and the second second second second
tive peoples are thought to be harsh-	. (1) They have a low degree of wants	in which P can complete the work
their existence dominated by the 'in-		is
cessant quest for food'. In fact, primi-	(2) They are the masters of their time owing to their content-	1 1
tives did very little work. By contem-	edness	(1) $6\frac{1}{2}$ days (2) $7\frac{1}{2}$ days
porary standards we'd have to judge	(3) They are materially poor	(3) 8 days (4) 9 days
them very lazy.	(4) They are highly satisfied	
The key to understanding why	Directions (96-100) : In the fol-	107. A tank can be filled by pipe A in 2 hours and by pipe B in 3 hours.
these 'stone-age people' failed to act	lowing questions a group of four words	An outlet C can empty the tank
like us - increasing their work effort	are given . In each group one word is	in 6 hours. If all the three are
to get more things-Is that they had lim-	misspelt . Find the misspelt word.	opened simultaneously, the tank
ited desires. In the race between want-	96. (1) ordinal (2) cardinal	will be filled in
ing and having, they had kept their wanting low-and, in this way ensured	(3) ancastry (4) heritage	1
their own kind of satisfaction. They	97. (1) purview	(1) 1 hour (2) $1\frac{1}{2}$ hours
were materially poor by contemporary	(2) provisions	
standards, but in at least one dimen-	(3) confidence	(3) 2 hours (4) $1\frac{1}{3}$ hours
sion-time-we have to count them	(4) pakage	
richer.	98. (1) negotiations (2) disclosore	108. The difference (in rupees) in dis-
91. What is the basis for progress	(3) accident (4) essential	counts between two successive
and growth according to the	99. (1) financial (2) interveiw	discounts of 8% each and a single
writer ?	(3) securities (4) mechanism	discount of 16% on ₹1,000 is
(1) Faith in progress is deep-	100. (1) apparently	(1) 64 (2) 6.40
(1) Faith in progress is deep	- (2) manufacture	(3) 4.60 (4) 46

(3) aggregate

(4) quartar

(1) Faith in progre rooted in our culture

> (2) We have been taught that progress in necessary

109. If a shopkeeper marks the price of goods 50% more than their cost price and allows a discount of 40%, what is his gain or loss percent ?

(1) Gain 10% (2) Gain 15% (3) Loss 15% (4) Loss 10%

- 110. Two numbers are in the ratio 9: 16. If each number is increased by 15. then the ratio becomes 2: 3. The numbers are (1) 18 and 32 (2) 24 and 36 (3) 36 and 48 (4) 27 and 48
- 111. The weights of zine, copper and aluminium in an alloy are in the ratio 2 : 3 : 7. In the alloy weighing 48 kg, the difference in weights of zine and aluminium is (1) 5 kg (2) 16 kg

(1) 5 kg (2) 16 kg (3) 20 kg (4) 4 kg

112. A cricketer scored 180 runs in the first test and 258 runs in the second. How many runs should he score in the third test so that his average score in the three tests would be 230 runs?

(1) 210 (2) 245 (3) 270 (4) 252

113. The average weight of 8 persons is increased by 2.5 kg when one of them whose weight is 56 kg is replaced by a new man. The weight of the new man is (1) 20 kg (2) 64 kg

(3) 58.5 kg (4) 76 kg

- A bought a computer system for
 40.000 and sold it to B at a loss of 4%. If B sold it to C for \$40,320, profit percent for B is (1) 4
 (2) 5
 (3) 4(4) 6
- **115.** If $x^2 = y + z$; $y^2 = x + z$ and $z^2 =$

 $x + y, \text{ then } \frac{3}{x+1} + \frac{3}{y+1} + \frac{3}{x+1} = 7$ (1) 2 (2) 3
(3) 4 (4) $\frac{1}{2}$

116. Out of a total population of 5,000 people in a village, men increased by 10% and women by 15%. Now the total population becomes 5,600 in a year. The women population in the village was originally (1) 2,000 (2) 3,000 (3) 4,000 (4) 3,500

- 117. Ratan's expenditure and savings are in the ratio 5 : 1. If his salary is increased by 25% and savings by 15%, the percentage increase in his expenditure is
 - (1) 18% (2) 27%
 - (3) 28% (4) 32%
- 118. Cylist A started his journey on cycle at 7.30 a.m. at a speed of 8 km/hr. After 30 minutes, cyclist B started from the same place but with a speed of 10 km/hr. At what time did B overtake A?

(1) 8 a.m. (2) 10 a.m.

- (3) 9 a.m. (4) 9.30 a.m.
- 119. If the simple interest on a certain sum of money for three years is ₹225 and the compound interest on the same sum at the same rate for 2 years is ₹153, then the principal invested, in rupces, is (1) 1.500 (2) 2.250

(1) 1,500 (2) 2,250 (3) 3,000 (4) 1,875

- 120. If from a point inside an equilateral triangle, the lengths of perpendiculars on the sides are 5 cm. 10 cm, and 15 cm, respectively, then the height of the triangle is
 - (1) 10 cm (2) 30 cm
 - (3) 40 cm (4) 20 cm
- 121. The areas of a square and a rectangle with equal perimeter are denoted by S and R respectively. Which one of the following is correct ?

(1) S = R (2) S > R

- (3) S < R (4) S = 2R
- 122. If the radius of a circle is increased by 10%, then percentage of increase of its area is
 (1) 12 (2) 15
 (3) 17 (4) 21
- 123. Semi-vertical angle of a right circular cone is 30°. If the ratio of the numerical value of the volume and slant surface area be 1 : 3, the radius of the base is

(1) I unit (2) $\frac{2}{\sqrt{3}}$ units

- (3) √3 units (4) 3 units
- 124. If the height and radius of a hemisphere and a right circular cylinder are respectively equal, then ratio of the volume of the hemisphere and the cylinder is

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 - 125. Each of the five angles of a polygon is equal to 172° and the other angles are 160° each. The number of sides of the polygon is

(1) 20 (2) 21 (3) 22 (4) 23

126. The volume of a solid hemisphere is numerically equal to its total surface area. Its radius is

(1) 3 units (2) $1\frac{1}{2}$ units

(3) $4\frac{1}{2}$ units (4) 9 units

127. If x = 2t and $y = \frac{2t-1}{3}$, then

what is the value of t for which x = y holds ?

(1)
$$\frac{1}{4}$$
 (2) $-\frac{1}{2}$
(3) $\frac{1}{3}$ (4) $-\frac{1}{4}$

128. If x and y be two real numbers and x + y = 8, then the greatest value of xy is

(1) 12 (2) 15 (3) 16 (4) 18

129. If
$$x = \sqrt{\frac{\sqrt{5}+1}{\sqrt{5}-1}}$$
, value of $x^2 + x - 1$

is

(1) $\sqrt{5}$ (2) $\sqrt{5}+1$

(3) - 15 (4) 0

130. The value of k for which the system of equations x + 2y = 5, 3x + ky + 15 = 0 has no solution, is (1) 6 (2) -6

(3) 2 (4) -2

131. Equations of the straight lines containing two sides of a right-angled triangle are given by y = x and y = 0. Of the following, the equation which cannot represent the third side is

(1) x = 5 (2) x = 2

(3) x = 0 (4) x = -3

132. If in any triangle ABC, the base BC is produced in both ways, the sum of the exterior angles at B and C is



(3)
$$\frac{\pi}{2} + A$$
 (4) $\pi - \frac{A}{2}$

133. In the figure below, lines k and l are parallel. The value of $\alpha^{*} + b^{*}$, is



(1) 45° (2) 100° (3) 180° (4) 360°

134. SR is a direct common tangent to the circles of radii 8 cm and 3 cm respectively, their centres being 13 cm apart. If the points S and R are the respective points of contact, then the length of SR is

(1) 12 cm (2) 11 cm

(3) 17 cm (4) 10 cm

135. The bisector of the angle BAC of a triangle ABC intersects the side BC at the point D and meets the circumcircle of the AABC at E. Then, it is always true that

 $\begin{array}{ccc} AB & AC + DE & AE = \\ (1) & AD^2 & (2) & AE^2 \\ (3) & CE^2 & (4) & CD^2 \end{array}$

- **136.** In \triangle ABC, \angle B = 90°, \angle C = 45° and D is the midpoint of AC. If
 - AC = $4\sqrt{2}$ units, then BD is
 - (1) $2\sqrt{2}$ units (2) $4\sqrt{2}$ units

(3) $\frac{5}{2}$ units (4

- (4) 2 units
- **137.** sin²21° + sin²69° is equal to (1) 1 (2) 0 (3) 2sin²21° (4) 2sin²69°
- 138. The angles of elevation of the top of a tower from two points at a distance x and y from the foot of the tower are complementary. The height of the tower is

(1)
$$\sqrt{\frac{x}{y}}$$
 (2) $\sqrt{x+y}$
(3) \sqrt{xy} (4) $\frac{x}{y}$

 $sin^{2} 5^{\circ} + sin^{2} 25^{\circ} + sin^{2} 45^{\circ} + sin^{2} 85^{\circ} + sin^$

(4) None of these
 141. If 3sin² α + 7 cos² α = 4, then the value of tan α is (where 0 < α < 90°)

(1)
$$\sqrt{2}$$
 (2) $\sqrt{5}$

(3) $\sqrt{3}$ (4) $\sqrt{6}$

Directions (142–145) : The following line-graph gives the annual percent profit earned by company during the period 1995-2000. Study the linegraph and answer the questions.





Years

- 142. Profit earned by the company is maximum in the year (1) 1995 (2) 1999
- (3) 2000 (4) 1997143. The period in which the profit of the company has increased fast
 - est is

- 139. The value of File hosted by educations bac by educations bac by educations bac by education bac by education bac by education by e
 - 144. The range of profit made by the company is (in percentile)

(1) 25 (2) 20 (3) 15 (4) 30

145. The expenditure of the company during the year 1995 was ₹20 thousand crores. Then the income of the company in that year was (in thousand crore₹)

(1)	15	1	2)	28	
(3)	25	(4)	12	

Directions (146-150) : Monthly budget plan of a man, having monthly income ₹18,000 is given below in the ple-chart. Study the ple-chart and answer the questions.



 Monthly expenditure on food, in rupees, is

(1) 3,500	(2) 5,250
-----------	-----------

- (3) 4,000 (4) 3,250
- 147. Monthly savings is more than the monthly expenditure on education by
 - (1) ₹750 (2) ₹500
 - (3) ₹700 (4) ₹450
- 148. Monthly expenditure on education is less than that on rent by

(1) ₹750 (2) ₹500

(3) ₹250 (4) ₹200

149. Expenditure on rent is more than that on miscellaneous purpose by

(1)
$$25\frac{1}{3}\%$$
 (2) $42\frac{6}{7}\%$

(3) 62.5% (4) 75%

 Monthly expenditure on miscellaneous, in rupees, is

 (1) 2,000
 (2) 3,500
 (3) 2,500
 (4) 3,250

	12) Regionalism ile hosted by	eduqatianabservernaamafaatum
PART-IV	(3) Socialism	(3) Riboflavin (4) Dextrose
GENERAL AWARENESS	(4) Casteism	169. Cockroach cannot survive in the
dente	161. Which one of the following com-	water because its respiratory or-
151. Which of the following is deduct-	mittees is NOT a Standing Com-	gan is
ed from GNP to arrive at NNP?	mittee of the Parliament?	(1) Gill (2) Trachca
(1) Depreciation (2) Interest	(1) Public Accounts Committee	(3) Book lung
(3) Tax FII Subsidy	(2) Estimates Committee	(4) Pulmonary Sac
152. Which one is correct about the duration of the Eleventh Five Year	(3) Committee on Public Un-	170. Mercury poisoning in man caus-
Plan?	dertakings	es the disease
(1) 01.01.2005 to 31.12.2010	(4) Consultative Committee to.	(1) Black lung (2) Arsenicosis
	the Ministry of Finance	(3) Minamata (4) Tai-Etai
(2) 01.04.2007 to 31.03.2012 (3) 01.01.2006 to 31.12.2011	162. Which country is following One	171. Chromosomes consist of
(3) 01.01.2006 to 31.12.2011 (4) 01.04.2006 to 31.03.2011	Party System?	(1) DNA and lipids
(4) 01.04.2006 to 31.03.2011153. In the first expansion of SAARC	(1) Mongolia (2) Spain	(2) RNA and amino acids
153. In the first expansion of SAARC which one of the following coun-	(3) Chile (4) China	(3) DNA and proteins
tries joined as eighth member of	163. The mountains which are not a	(4) RNA and sugar
SAARC?	part of the Himalayan chain:	172. The yellow colour of urine is due
(1) Myanmar (2) Iran	(1) Aravalli (2) Kunlun	to presence of
(3) Afghanisthan (4) Thailand	(3) Karakoram (4) Hindukush	(1) Bile (2) Lymph
154. For an inferior good, demand falls	164. Match the following :	(3) Cholesterol (4) Urochrome
when	Dar s Rivers	173. Heavy rainfall during the months
(1) price rises (2) income rise	a. Hirakud l. Beas	of October and November is re-
(3) price falls (4) income falls	b. Pong Dam 2. Bhagirathi	ceived by
155. The marginal propensity to con-	c. Tehri Dam 3. Ravi	(1) Gharo, Khasi and Jaintia hills
sume lies between	d. Thein Dam 4. Mahanadi	(2) Chota Nagpur Plateau
(1) 0 to 1 (2) 0 to ∞	a b c d	(3) Coromandel Coast
(3) 1 to ∞ (4) = tn ∞	(1) 4 3 1 2 (2) 4 1 2 3	(4) Malwa Plateau
156. Which of the following is an ex-		174. A crop grown in zaid season is
ample of Joint-Sector enterprise in India?		(1) Watermelon (2) Soyabean
(1) Maruti Udyog Limited	(4) 1 2 4 3 165. The Revolt of 1857 took place at	(3) Maize (4) Jute
(2) The Indian Oil Corporation	the following places. Give their	175. Afforestation is the process of
(3) Hindustan Antibiotics Ltd.	correct sequence.	(1) clearing forests
(4) Bharat Aluminium Ltd.	(1) Jhansi (2) Meerut	(2) planting more trees
157. The idea of Lokpal is taken from	(3) Delhi	(3) cutting down trees
(1) Britain	(4) Barrackpore	(4) collecting forest resources
(2) America	(1) 1.2.3.4 (2) 1.2.4.3	176. Ozone layer in the outer atmo-
(3) Scandinavian Countries	(3) 2,3,4, 1 (4) 4,2,3,1	sphere helps us in
(4) France	166. The famous ruler of ancient In-	(1) reflecting radio waves and
158. During whose reign did Chengiz	dia who, towards the end of his	makes radio communication
Khan attack india's borders in	life, is said to have converted to	(2) regulating the temperature of
pursuit of Jalauddin?	Jainism, was	atmosphere
(1) Gutb-ud-din Aibak	(1) Samudragupta	(3) absorbing cosmic ray parti-
(2) Iltutmish	(2) Bindusara	cles
(3) Balban	(3) Chandragupta	(4) absorbing U-V radiations
(4) Nasiruddin Khusrau	(4) Ashoka	177. What is meant by the term "mid-
159. 'Satyameva Jayate', engraved on	167. Which of the following is wrongly	night sun"?
the Indian emblem is taken from	matched with his contemporary	(1) Twilight (2) Rising Sun
(1) Rig Veda	Mughal King?	(3) Very bright moon
(2) Matsyapurana	(1) Rana Sanga - Babar	(4) Sun shining in the polar cir-
(3) Bhagavad Gita	(2) Prithviraj Chauhan - Akbar	cle for long time
(4) Mundakopanishad	(3) Jujhar Singh-Shahjahan	178. Virus in a computer is a
160. Which of the following does not	(4) Jaswant Singh - Aurangzeb	(1) Chemical that attacks silicon
pose a challenge to India?	168. What is the other name for Vita-	(2) Micro-organism that disturbs
(1) Communalism	min B ₂ ?	integrated circuits

(3) Programme that damages the computer software	Ĩ
(4) None of the above	
79. Which of the following is known	
as 'grave yard' of RBCs?	
(a) and a second s	
(3) Spleen (4) Appendix	
80. Water is used in hot water bags	1
because	
(1) It is easily obtained	
(2) It is cheaper and is not harm-	
ful -	
(3) It has high specific heat	1
(4) It is easy to heat water	
81. Water drops cannot stick to the	
oily surface due to	
(1) lack of adhesive force	
(2) surface tension	
(3) cannot mix each other	
(4) water is lighter than off	
92 Which of the following properties	
is generally found in non-metals?	
(1) Brittleness	
(2) Conductivity	
(3) Ductility	
(4) Malleability	
183. Which of the following is the best	
fuel in terms of energy released	
per gram of fuel? (1) Hydrogen (2) Methane	
(1) 10	L
(3) Ethanol (4) Butane 184. Who among the following took over	L
184. Who among the following took over	Ľ
as the new Director-General of the Central Reserve Police Force	
on August 17, 2013?	L
(1) Pranay Sahay	ł
(2) Subhash Joshi	
(3) Dilip Trivedi	T
(4) Ajay Chadha	ł
185. Alta Vista is a	
(1) Programme	P
(2) Software	d
(3) Browser	ľ
(4) Search Engine	
186. One carat of diamond is equal to	
(1) 100 mg (2) 150 mg	I
(3) 200 mg (4) 250 mg	
187. The main use of salt in the diet is	
to	
(1) increase the solubility of the	1
food particles in water	
(2) produce in small amounts the	
hydrochloric acid required	1
for the digestion of food	

-1 13 1

	and the second sec	
(3) ease the proce	ss of cooking	
(4) make the tas	te of the food	
better	5 3 [3	
188. Which of the follo	wing is biode-	
gradable?		
(1) Paper (2) D. D. T	
(3) Aluminium (4) Plastic	
189. The longest dam in	n India is	
(1) Bhakra Dam		
(2) Nagarjuna Sag	ar Dam	
(3) Hirakud Dam	1	
(4) Kosi Dam	Second and a little	
190. Match the followin,	g:	
Tribes	Regions	
a. Bhil	1. Terai	
b. Tharu	2. Nilgiri	
c. Gond	3. Bastar	
d. Toda	4. Malwa	
a b c	d	
- (1) 4 1 3	2	
(2) 1 3 4	2	
(3) 4 2 1	3	
(4) 3 1 2	4	
191. Which of the follow been found effect	wing weeds has	
water pollution ca	used by indus-	
trial affluents?	abea of mana	
(1) Water hyacinth	1	
(2) Elephant Gras		
(2) Elephant Grass (3) Parthenium		
(3) Parthenium (4) Both (2) and (3)		
(4) Both (2) and (3) 192. The World Environment Day		
192. The World Environment Day is observed on		
(1) 15th June	(2) 5th June	
(3) 10th October		
(4) 8th March	ALC: NOT	
193. Electro-static pre	cipitator is used	
to control	121.11/11/1	
(1) Chemical Polls		
(2) Radio-active P		
(3) Water Pollutar		
(4) Air Pollutants		
194. ATM is the abbre	eviation for	
(1) Automatic Tel	ller Machine	
(2) Automated Te	eller Machine	
(3) Authentic Tel		
(4) Authorised To	eller Machine	
195. Child Sex Ratio as per the provi		
sional results of the 2011 Cen		
sus in India is	(2) 924	
(1) 927	(2) 924 (4) 914	
(3) 917		
196. Which one of the was the venue for	e following cities	
pic Games?	I LIE AAA Olym	
pic Games?		

		ver.com/forum
	(1) Liverpool (2) La	

(1) Liverpool (2) Lancashire			
(3) Las Vegas (4) London			
197. W	197. Which of the following countries		
re	-launched trading of its trea-		
	uy bond futures on September		
	2013, 18 years after banning		
it			
	Japan (2) Brazil		
	Mexico (4) China		
	udumalal Sanctuary is famous		
for			
(1)			
	Birds (4) Elephants		
199. Th	e four "Mathas" (Shrines) at		
Sr	ingeri, Badrinath, Dwarka and		
Pu	ri were founded by		
(1)	Ramanuja (2) Ashoka		
(3)	Adi Shankaracharya		
(4)	Madhava Vidyaranya		
200 No	abel Prize winner Seamus		
He	eaney of Ireland passed away		
or	August 30, 2013 in Dublin.		
UL LL	e won the 1995 Nobel Prize in		
(1)	Physics (2) Medicine		
(1)	Literature (4) Economics		
(3)	Literature (4) Economico		