

ANSWER KEY - IIFT 2014-16

1	C	2	A	3	B	4	D	5	A	6	B	7	A	8	C	9	B	10	B
11	A	12	D	13	C	14	B	15	C	16	D	17	C	18	D	19	B	20	A
21	D	22	D	23	A	24	B	25	C	26	A	27	A	28	C	29	C	30	B
31	B	32	D	33	C	34	B	35	A	36	D	37	A	38	B	39	A	40	D
41	D	42	C	43	D	44	D	45	A	46	A	47	D	48	B	49	D	50	C
51	B	52	*A	53	C	54	C	55	D	56	C	57	B	58	A	59	B	60	B
61	D	62	A	63	D	64	C	65	D	66	B	67	B	68	*	69	C	70	C
71	D	72	C	73	A	74	B	75	B	76	D	77	C	78	A	79	B	80	D
81	B	82	C	83	C	84	C	85	D	86	D	87	C	88	B	89	B	90	C
91	B	92	D	93	B	94	A	95	D	96	C	97	A	98	C	99	D	100	B
101	A	102	C	103	B	104	D	105	C	106	A	107	D	108	C	109	C	110	C
111	D	112	D	113	B	114	B	115	D	116	A	117	D	118	A	119	C	120	B
121	C	122	D	123	B	124	D	125	B	126	D	127	A	128	D				

SOLUTION IIFT - 2014-16

29. C 'Anthromorphous' means resembling human form. 'Anachronistic' means occurring in the wrong time period. 'Anthology' means a collection of extracts from the writings of various authors. 'Ascension' means to move upwards. Thus, the correct answer is option (C).
30. B 'Cacology' refers to poor choice of words. 'Ethology' means the study of human character. 'Misology' refers to the hatred of reasoning. 'Cryology' refers to the study of snow and ice. Therefore, the correct answer is option (B).
31. B Option (B), 'envisages', meaning to picture something, fits all the blanks appropriately and is thus, the correct answer. 'Seeks' means to search for or to try to discover something, and does not fit into sentences (iii) and (iv). 'Hopes', which means wanting something to happen or to be true, does not fit into the sentences it requires a preposition after it, like for example, China *hopes for* social stability in Ukraine. 'Demands' also will be inappropriate for sentence (iv) because a company cannot 'demand' a good year but rather hope for or envisage it.
32. D 'Prepared', meaning to make ready, does not fit into sentence (iii) because "The will prepared that each child..." does not make any sense. The word 'equipped' is incorrect as it does not fit in sentences (ii), (iii) and (iv) because it makes them logically flawed. 'Arranged', though fits in sentences (i), (ii) and (iii); is not the right word to fill the blank in sentence (iv). 'Provide' is the correct word as it logically and grammatically fits in all the sentences. Hence, option (D) is the answer.
33. C Statement (ii) talks about the way Gauhar thought about gaining the goodwill of the Bengali babus – that is, by singing Bengali songs. Statement (i) follows this up by talking of how she went about her plan – by including 'the songs composed by Rabindranath Tagore'. Statements (iv) and (iii) form a mandatory pair as (iv) says how Gauhar was not afraid to defy norms and hardly used the tunes that Tagore set his songs to and (iii) follows by saying what she did instead – rendered those songs in her own style. Hence, the correct sequence is ii, i, iv, iii and this, option (C) is the correct answer.
34. B Statement (iii) talks of the happenings in the afternoon, immediately followed up by the author's description at dusk in statement (i). He talks of Adele running downstairs at dusk. He is left alone, of which he talks in statement (iv). Statements (iv) and (ii) form a mandatory pair as (iv) talks about the author going upto the window but seeing nothing and statement (ii) gives the reason for this – 'twilight and darkness had together thickened the air'. Hence, the correct answer is option (B).
35. A The given pair of words have an antonymous relationship with each other. 'Alleviate' means to reduce and 'Aggravate' means to increase. Similarly, 'Elastic' means capable of change, while option (A) 'Rigid' means incapable of change. Thus, option (A) is correct.
36. D 'Benevolent' is synonymous with 'Kind'. Similarly, 'Unclear' is synonymous with 'Muddy'. Thus, option (D) is correct.
37. A A person who knows or speaks many languages is called a 'Polyglot', making option (A) correct. Option (B) – 'Potable' refers to something that is safe enough to drink, option (C) – 'Plebiscite' is a vote by which the people of a country or region express their opinion for or against an important proposal and option (D) – 'Paramour' refers to an illicit lover.
38. B A person deserving blame for an offence or crime is 'Culpable', making option (B) correct. Option (A) – 'Hedonist' is a person who believes that the pursuit of pleasure is the most important thing in life, option (C) – 'Misanthrope' is a person who does not like other people and option (D) – 'Regicide' is the crime of killing a king or queen.
39. A 'To have a jaundiced eye' means to be prejudiced. Therefore, option (A) is correct.
40. D 'To be uncertain of one's bearings' means to be uncertain of one's position. Hence, the correct answer is option (D).
41. D Option (D) is grammatically incorrect because 'is' should replace 'are' and 'dancer' should replace 'dancers' for 'neither Priya nor Shikha' warrants the use of a singular verb and not a plural verb.
42. C Since 'each of the girls' is singular, 'were' in options (B) and (A) makes them incorrect. The sentence talks about two actions – that of the girls being ill-treated and then being abandoned. In such cases, the past perfect tense is used to show which action happened earlier. Hence, option (C) is the correct answer. Option (D) reverses the tenses and is thus, incorrect.
43. D A simile is a phrase that uses 'as' or 'like' to describe something by comparing it with something. 'As busy as a bee' is a therefore a simile rendering option (D) correct. An oxymoron is a combination of words that have opposite or very different meanings, a metaphor is a word or phrase for one thing that is used to refer to another thing in order to show or suggest that they are similar and an adage is an old and well-known saying that expresses a general truth.
44. D 'Amelioration' is the incorrectly spelt word. The correct spelling is 'ameliorate', which means to make something less painful.
45. A 'Gazzette' is the incorrectly spelt word. The correct spelling is 'gazette' which means an official journal or a newspaper.
46. A 'Apocryphal' means something that is well-known but probably not true. The correct antonym is 'authentic', making option (A) correct.
47. D 'Capricious' means inconsistent, making option (D) 'consistent' the correct answer.
48. B When changing a sentence from active to passive, the subject of the sentence becomes the object and the object becomes the subject. Further, if the given sentence is in past continuous tense, 'being' is added while changing it to the passive voice (was/were + being + past participle). Only option (B) follows this rule, making it the correct answer.

49. D The author nowhere mentions the reason why Ruth Madoff and her sons did not flee. Bernie Madoff's pleading guilty has no bearing on the fact that his family did not flee. In fact, the passage says that 'the public outcry against Ruth Madoff and her sons began almost from the instant of Madoff's arrest and did not cease. By the time he pleaded guilty, it was deafening' which means that the public still considered the family guilty even after Bernie had made a formal admission. Hence, option (A) is incorrect. The author also mentions in the passage that the Madoff family had the means to flee. Further, in the penultimate paragraph the author himself disproves the theory that Bernie Madoff turned him in to save his family. This makes options (B) and (C) incorrect as well. Therefore, the correct answer is option (D).
50. C The last line of the first paragraph states that all the media frenzy surrounding the Madoff family drove them into exile. In other words, this means that the family stayed away from the public eye. Therefore, option (C) is the correct answer.
51. B While the author mentions that traditionally media did not target the families of mafia and dons, the Madoff case highlighted a marked departure from that tradition when the media pointed fingers at the Madoff family. Thus, the treatment of the organized-crime defendants has changed over the years.
- 52*. A The first line of the sixth paragraph states that "the facts in the Madoff case did not seem to be consistent with the family's guilt", meaning that the facts did not point to the family of Bernie Madoff as guilty. This makes option (A) the correct answer. However, in the same paragraph, the sentence "Surely, Madoff, before turning himself in, would have handed his sons the keys to the company jet..." and the second sentence in the penultimate paragraph implies that Bernie Madoff was arrested following his confession. This makes option (B) correct too. But then, option (A) is more likely to be deemed correct by IIFT.
53. C The 'Grey Poupon' has been termed as 'magic' because the number of people who converted to it from normal mustard, after tasting this mustard, was unheard of. Therefore, option (C) is the correct answer.
54. C The author talks of 'Grey Poupon' as small business in the early seventies. Later, he mentions that 'Grey Poupon' had become the most powerful brand in mustard by the end of the 1980's. This constitutes a time of roughly 15-20 years and hence, option (C) is the correct answer.
55. D The author mentions the advertisement that Grey Poupon used in order to increase its sales – an ad which included a chauffeur driven Rolls-Royce. Also, the last line of the third paragraph states that with the image of the Rolls-Royce in the advertisement, Grey Poupon seemed to project something that was 'truly different and superior'. Hence, it can be understood that the brand was trying to reach out to the rich and sophisticated people. Therefore, option (D) is the correct answer.
56. C In the last paragraph of the passage, the author mentions that the ratio of tomato solids to liquid in World's Best Ketchup was much higher than that of Heinz, which means that World's Best Ketchup was thicker than Heinz. Hence, option (C) is the correct answer.
57. B In the second paragraph, the author mentions that greed entails himsa, but does not mention ahimsa to be entailed by greed. Hence, option (A) is incorrect. Option (C) is again incorrect because the author only says that to be pro-market means to believe in competitive markets but he does not talk of it as a means of becoming richer. The author mentions in the passage that self-interest, only when in excess can breed selfishness, while rational self-interest is healthy. Thus, option (B) is the correct answer.
58. A A 'conundrum' is a confusing situation, and can be used interchangeably with the word 'enigma'. By the given sentence, the author means to say that the enigma of the human existence is that vices and virtues can result from the same inner forces. Hence, option (A) is the correct answer.
59. B The last line of the penultimate paragraph of the passage states that once there is enough wealth in India, the country "might again return to its old character of renunciation". Therefore, option (B) is the correct answer.
60. B The author clearly mentions in the sixth paragraph that "being pro-market leads to 'rules-based capitalism'; 'pro-business' often leads to 'crony capitalism'". Hence, option (B) goes against the views expressed in the passage and is thus, the correct answer. Options (A), (C) and (D) have all been mentioned in the passage. Thus, option (B) is the correct answer.
61. D The author mentions in the penultimate paragraph that inspite of being the world's leading exporter of a number of products, Brazil is still one of the most closed economies in the world. In the last paragraph, he states that due to heavy taxes, skill formation in Brazil is suffering. In the last line of the fourth paragraph, the author talks of little spending on infrastructure by Brazil, resulting "in un-China like growth". Thus, options (A), (B) and (C) are correct. Hence, option (D) is the correct answer.
62. A Refer to the sixth paragraph of the passage. There, the author clearly says Brazil's quest for "stability at any cost" stems from its history of financial crisis and the hyperinflation that had started in the 1980s and peaked in the 1990s. Hence, option (A) is the correct answer. Option (C) is incorrect as the urge for enhancing economic growth further has been mentioned in the context of China and not Brazil.
63. D In the seventh paragraph of the passage, the author mentions that Brazil has constantly been battling inflation ever since hyperinflation came under control in 1995. Therefore, option (D) is a false statement. All other options find mention in the passage. Hence, option (D) is the correct answer.
64. C The author mentions sugar, orange juice, coffee, poultry and beef as Brazil's exports in the penultimate paragraph of the passage. Iron ore and soybeans are also mentioned by the author as Brazil's exports in the first paragraph. Only croissants and bikes have not been mentioned as Brazilian exports in the passage, making option (C) the correct answer.
65. D Total number of black balls = 16
Total number of red balls = $4a^2 - 24a + 24$
Total number of balls = $4a^2 - 24a + 40$
Probability that a ball selected is black
- $$= \frac{16}{4a^2 - 24a + 40}$$
- $$= \frac{4}{a^2 - 6a + 10}$$
- For the probability to be the maximum, the number of red balls in bag 4 should be 0 i.e. $a^2 - 6a + 3 = 0$.
- Hence, the required probability = $\frac{4}{7}$.

66. B According to the question,
 $a \times b \times c \times d = 3094 = 2 \times 7 \times 13 \times 17$
 Since $1 < a < b < c < d$, $b = 7$ and $c = 13$.
 Hence, $b \times c = 7 \times 13 = 91$.

67. B Let the number of girls be x and the number of boys be y .
 $\therefore 3.3x + 2.9y = 249$
 Option B satisfies this equation.
 Hence, Mrs. Sonia bought 57 strawberry flavoured and 21 chocolate flavoured candies.

68. * Data inconsistent

69. C The required number of words
 $= ({}^8C_4 \times {}^5C_3) \times 7! = 5040 \times 700 = 3528000$.

70. C $x^2 + 3x - 10 = (x + 5)(x - 2)$
 Let $p(x) = 3x^4 + 2x^3 - ax^2 + bx - a + b - 4$
 $(x + 5)$ is a factor of $p(x)$.
 $\therefore p(-5) = 3(-5)^4 + 2(-5)^3 - a(-5)^2 + b(-5) - a + b - 4 = 0$
 $\Rightarrow 1875 - 250 - 25a - 5b - a + b - 4 = 0$
 $\Rightarrow 26a + 4b = 1621 \quad \dots (i)$
 $(x - 2)$ is also a factor of $p(x)$.
 $p(2) = 3(2)^4 + 2(2)^3 - a(2)^2 + b(2) - a + b - 4 = 0$
 $\Rightarrow 48 + 16 - 4a + 2b - a + b - 4 = 0$
 $\Rightarrow 5a - 3b = 60 \quad \dots (ii)$
 From (i) and (ii), we get, $a = 52$ and $b = 67$.

71. D The product of n positive numbers is n^n .
 For the sum to be the minimum, all the numbers must be equal to n .
 Hence, the minimum value of the sum is $(n \times n)$ i.e. n^2 .

72. C The ball travels a distance of 180 m in the first fall and then the height to which it reaches after subsequent falls follow a geometric progression, with common ratio $(r) < 1$.

$$\text{Sum of the series} = \frac{a}{1-r} = \frac{108}{1-\frac{3}{5}} = 270$$

Hence, the total distance traveled by the ball = $2(270) + 180 = 720$ m.

73. A Number of ways of selecting two men and two women who are not couples = ${}^9C_1 \times {}^8C_1 \times {}^7C_1 \times {}^6C_1 = 3024$

$$\text{Hence, the required number of ways} = \frac{3024}{2} = 1512.$$

74. B Probability that train P will be late = $P(P) = \frac{7}{9}$

$$\text{Probability that train Q will be late} = P(Q) = \frac{11}{27}$$

Probability of Q will be late in case P is late

$$= P\left(\frac{Q}{P}\right) = \frac{P(P \cap Q)}{P(P)} \quad [\text{Using conditional probability}]$$

$$\Rightarrow \frac{7}{9} \times \frac{8}{9} = P(P \cap Q) \Rightarrow P(P \cap Q) = \frac{56}{81}$$

Probability of either P or Q or both being late

$$= P(P) + P(Q) - P(P \cap Q)$$

$$= \frac{7}{9} + \frac{11}{27} - \frac{56}{81} = \frac{40}{81}$$

Hence, the probability that neither of the trains will be late

$$= 1 - \frac{40}{81} = \frac{41}{81}$$

75. B Probability that an applicant is good in Logical reasoning = $P(LR) = 0.8$
 Probability that an applicant is good in Quantitative aptitude = $P(QA) = 0.2$
 Probability that an applicant is good in Data interpretation

$$\text{given that he is good in Quantitative aptitude} = P\left(\frac{DI}{QA}\right) = 0.87$$

Probability that an applicant is good in Data interpretation

$$\text{given that he is good in Logical reasoning} = P\left(\frac{DI}{LR}\right) = 0.15$$

Probability that an applicant is good in Data interpretation given that he is good in Quantitative aptitude

$$= P\left(\frac{DI}{LR}\right) = \frac{P(QA) \times P\left(\frac{DI}{QA}\right)}{P(QA) \times P\left(\frac{DI}{QA}\right) + P(LR) \times P\left(\frac{DI}{LR}\right)}$$

$$= P\left(\frac{DI}{LR}\right) = \frac{0.2 \times 0.87}{0.2 \times 0.87 + 0.8 \times 0.15} = 0.6.$$

76. D Radius of the cap = 14 cm
 Height of the cap = 26.5 cm

$$\text{Slant height} = \sqrt{14^2 + 26.5^2} \approx 30 \text{ cm.}$$

$$\text{Surface area of the cap} = \pi r l = \frac{22}{7} \times 14 \times 30$$

$$= 1320 \text{ sq.cm}$$

$$\text{Hence, the required area} = 7 \times 1320 = 9240 \text{ sq cm.}$$

77. C Area of the garden = $34 \times 21 = 714$ sq m
 Area covered by the corridors = $(4 \times 34) + (4 \times 21) - (4 \times 4)$
 $= 136 + 84 - 16$
 $= 204$ sq. m.
 Hence, the area under the flowers = $714 - 204 = 510$ sq. m.

78. A According to the question,

$$\frac{70}{100}(100 - X) = \frac{60}{100}(100 + X)$$

$$\Rightarrow 7(100 - X) = 6(100 + X)$$

$$\Rightarrow 13X = 100 \Rightarrow X = 7.69$$

$$\text{Now, } X \text{ percent of } 50 = \frac{X}{100} \times 50 = \frac{X}{2} = \frac{7.69}{2} = 3.84.$$

79. B For the total length to be the minimum, the length of each part should be the LCM of 12, 18 and 32, i.e. 288.
 Hence, the required length of the rod = $3 \times 288 = 864$ units.

80. D $\log_{10} x - \log_{10} \sqrt[3]{x} = 6 \log_x 10$

$$\Rightarrow \log_{10} \frac{x}{\sqrt[3]{x}} = 6 \log_x 10$$

$$\Rightarrow \log_{10} x^{\frac{2}{3}} = 6 \log_x 10$$

$$\Rightarrow \frac{2}{3} \log_{10} x = 6 \log_x 10$$

$$\Rightarrow \log_{10} x = 9 \log_x 10$$

$$\Rightarrow \log_{10} x = \frac{9}{\log_{10} x}$$

$$\Rightarrow (\log_{10} x)^2 = 9$$

$$\Rightarrow \log_{10} x = \pm 3$$

$$\Rightarrow x = 10^3 \text{ or } 10^{-3}$$

$$\Rightarrow x = 1000.$$

81. B Let the time (in hours) taken to complete cooking by the mother alone be A, that by the elder son be B, and that by the younger son be C.

Cooking together, they can complete cooking in 1 hour.

$$\therefore \frac{1}{A} + \frac{1}{B} + \frac{1}{C} = 1 \quad \dots(i)$$

$$\text{Also, } \frac{1}{C} + \frac{1}{B} + \frac{3}{C} = 1$$

$$\Rightarrow \frac{4}{C} + \frac{1}{B} = 1$$

$$\Rightarrow \frac{4}{C} + \frac{1}{B} = \left(\frac{1}{A} + \frac{1}{B} + \frac{1}{C} \right)$$

$$\Rightarrow \frac{3}{C} = \frac{1}{A} \Rightarrow \frac{1}{C} = \frac{1}{3A} \quad \dots(ii)$$

The time taken by elder son to complete cooking is 1 hour more than the mother.

$$\therefore B = A + 1$$

$$\Rightarrow \frac{1}{B} = \frac{1}{A+1} \quad \dots(iii)$$

Putting the values of $\frac{1}{B}$ and $\frac{1}{C}$ in equation (i), we get

$$\frac{1}{A} + \frac{1}{A+1} + \frac{1}{3A} = 1 \Rightarrow A = 2$$

Hence the total work done by the mother in 1 hour is 50%.

82. C Let the distance (in km) of Rohit's home from the doctor's chamber be x.

Total time (in hours) taken by Rohit to take his mother from

$$\text{home to doctor's chamber} = \frac{x}{30}$$

Total time (in hours) taken by Rohit to take his mother from

$$\text{doctor's chamber to home} = \frac{x}{12}$$

Total time taken in travelling

$$= \frac{x}{12} + \frac{x}{30} = \frac{7x}{60} \text{ hours} = 7x \text{ minutes}$$

According to the question,

$$7x = 5 \times 60 - 48$$

$$\Rightarrow 7x = 252$$

$$\Rightarrow x = 36.$$

83. C Let the percentage of Aluminium in alloy of weight 8 and 16 kg be 'a' and 'b' respectively, the weight of the piece cut be 'x' kg and the percentage of Aluminium in the resulting alloy (in both cases) be 'm'.

$$\therefore \frac{ax + b(16 - x)}{x + 16 - x} = m \quad \dots(i)$$

$$\text{and } \frac{bx + a(8 - x)}{x + 8 - x} = m \quad \dots(ii)$$

From (i) & (ii), we get,

$$ax + b(16 - x) = 2[bx + a(8 - x)]$$

$$\Rightarrow 3ax - 3bx = 16a - 16b$$

$$\Rightarrow x = \frac{16(a - b)}{3(a - b)} = \frac{16}{3} = 5.33.$$

84. C The total amount of money spent in buying flat, car and shares = Rs. 70 lakhs

Money invested in bank = Rs. 30 lakhs

Total amount withdrawn from the bank after 3 years

$$= 3000000 \left(1 + \frac{12}{100} \right)^3 = 3000000 \left(\frac{28}{25} \right)^3$$

$$= \text{Rs. } 4214784$$

Let the present net value of flat, car and shares be Rs. x.

The increase in the value of assets is 5%.

$$\therefore 4214784 + x = \frac{105}{100} \times 10000000$$

$$\Rightarrow x = 6285216$$

$$\therefore \text{The required percentage} = \frac{6285216}{7000000} = 89.8$$

= 90 (approx.).

$$85. D \log_{13} \log_{21} \{ \sqrt{x+21} + \sqrt{x} \} = 0$$

$$\Rightarrow \log_{21} \{ \sqrt{x+21} + \sqrt{x} \} = 13^0$$

$$\Rightarrow \sqrt{x+21} + \sqrt{x} = 21^1$$

$$\Rightarrow \sqrt{x+21} = 21 - \sqrt{x}$$

$$\Rightarrow x + 21 = 441 + x - 42\sqrt{x}$$

$$\Rightarrow 42\sqrt{x} = 420 \Rightarrow \sqrt{x} = 10$$

$$\Rightarrow x = 100.$$

$$86. D \quad 3x^2 - 4x + 7 = (\sqrt{3}x)^2 - 2\sqrt{3}x \cdot \frac{2}{\sqrt{3}} + \frac{4}{3} + \frac{17}{3}$$

$$= \left(\sqrt{3}x - \frac{2}{\sqrt{3}} \right)^2 + \frac{17}{3}$$

Hence, the minimum value of the expression = $\frac{17}{3}$

87. C The average of 7 consecutive numbers will be the 4th number in the sequence.
Let the 4th number be x .
When the next 3 numbers are also added, the average will be the mean of the 5th and the 6th of the sequence,
$$\therefore \frac{(x+1) + (x+2)}{2} = \frac{2x+3}{2} = x+1.5$$

Hence, the average shall increase by 1.5.
88. B Let the duration, distance, velocity, number of carriages and diesel used per km be 't', 'd', 'v', 'C' and 'D' respectively.
$$\therefore t \propto \frac{d}{v} \text{ and } v \propto \frac{\sqrt{D}}{C}$$

$$\Rightarrow t = k \frac{d}{v} \text{ and } v = m \frac{\sqrt{D}}{C}$$

$$\Rightarrow t = k \frac{d}{m \frac{\sqrt{D}}{C}} = \frac{kdC}{m\sqrt{D}} \Rightarrow \frac{k}{m} = \frac{t\sqrt{D}}{dC}$$

Putting the values,
$$\Rightarrow \frac{3}{4} = \frac{k(70)15}{m\sqrt{10/70}} \Rightarrow \frac{k}{m} = \frac{\sqrt{10/70}}{1400} = \frac{1}{1400\sqrt{7}}$$

Let the required amount of diesel consumed be 'x'.
$$\therefore \sqrt{x} = \left(\frac{50 \times 18}{\frac{1}{2}} \right) \times \frac{1}{1400\sqrt{7}}$$

$$\Rightarrow x \approx 11.8.$$
89. B Let x be the amount of work done by tap X in 1 hour and y be the amount of work done by tap Y in 1 hour.
$$\therefore \frac{y}{x} = \frac{8}{5}$$

The part of the tank filled by both of tanks in 1 hour
$$= \frac{1}{40}$$

$$\therefore x + \frac{8x}{5} = \frac{1}{40}$$

$$\Rightarrow x = \frac{5}{520}$$

$$\Rightarrow y = \frac{8}{5} \times \frac{5}{520} = \frac{1}{65}$$

 \therefore The total time taken by Y alone to fill the tank = 65 hours.
90. C Out of the given sectors, the increase in FDI inflows from 2007 to 2012 was the highest for Automobile Industry and it was equal to $(4.9 - 1.9) = 3.0$.
91. B The simple average of share of FDI inflows has been the lowest for Drug and Pharmaceuticals i.e. 2.61 and was the second lowest for the Automobile industry was i.e. 3.95
92. D During 2007 to 2010, the percentage shares of FDI inflow in Chemicals (other than Fertilizers) sector were 1.3, 1.9, 1.7 and 2.1. Hence FDI inflow in Chemical (other than Fertilisers) did not witness continuous increase.
93. B In 2011, the construction development sector was ranked fifth in terms of percentage share of FDI inflow in the country. Also in 2009, the Computer Software and Hardware sector was ranked sixth in terms of percentage share of FDI in flow in the country. Thus, A and B are true.
The rankings of Drugs and pharmaceuticals in terms of percentage share of FDI inflow in 2012 is the third lowest. Hence, only statement III is false.
94. A Increase in FDI inflow percentage share for Telecommunications sector between 2007 and 2008 was the maximum among the given four options and it was $(8.3 - 5.5)$ i.e. 2.8, which was the second highest among the given options.
95. D The highest year to year decline in absolute terms for North African region was the highest from 2009-10 to 2010-11 and the decline witnessed was
 $|1.59 - 1.75| = 0.16.$
96. C For North American region the export shares declined the maximum number of times in a year and it was equal to 7.
97. A The annual growth rate in India's export share in percentage was the lowest for North Africa and has been $\frac{1.59 - 1.75}{1.75} \times 100 = 9.14\%.$
98. C India's simple average export share to Latin America during 2002-03 and 2004-05 was the highest and it was
$$\frac{2.06 + 2.15}{2} = 2.105$$
99. D The annual growth rate in India's (percentage) export share between 2002 -03 and 2003-04 has been highest for South Asia and not for West Asia. Hence, D is false.
100. B The average managerial wage was the highest for Industry 6 and it was equal to
$$\frac{6084 - 3117}{4271 - 3333} = \frac{2967}{938} = 3.163 \text{ lakh.}$$
101. A Profit expressed as ratio of net value added is the highest for Industry 6 and it was
$$\frac{31219}{42434} = 0.7357.$$
102. C The required difference is the maximum for option (c) and it was equal to
$$= \left(\frac{71739 + 25674}{7508} \right) - \left(\frac{2284 + 149}{877} \right) = 10.20.$$
103. B Expenses on fuel as a percentage of input cost was the highest for Industry 7 and it was
$$\frac{32178}{171246} \times 100 = 18.79\%.$$
104. D Only option D is true as the Emoluments expressed as percentage of net value added for industry 5 was the lowest and it was
$$\frac{9284}{71739} \times 100 = 12.94\%.$$

105. C If the countries are ranked according to the number of days required to start a business, the top three countries would be Paraguay, United Kingdom and Chile. Among these three, the country with the least cost to per capita income ratio is Paraguay.
106. A Ratio of the number of days required for export to import is the least for U.K and it is $\frac{13}{17} = 0.764$.
107. D In Georgia, the number of days required for exporting is 22 and the number of days required for importing is 23, so the days required for exporting is lower than required for importing. Hence, option D is the true statement.
108. C The number of days required for importing in Georgia is less than the number of days required for exporting in Niger. Hence, option C is false.

For questions 109 to 114: The given information can be tabulated as:

Institution	Jupiter	Mars	Mercury	Neptune	Pluto	Uranus
Room no	204	205	201	206	203	202
No. of Journals	4	8		16	12	24
No. of Institutions donated to	18			24	8	

109. C The professor from Mars is staying in room no. 205.
110. C The professor from Jupiter has donated to 18 institutions.
111. D The professor from Neptune is staying in room no. 206.
112. D The professor from Neptune donated to 24 institutions last year.
113. B The professor from Uranus published in the maximum number of journals.
114. B The professor from Jupiter published 4 journals.
115. D Since the first letter is a consonant and the last letter is a vowel, both of these letters will be coded as 0. According to the table. Hence, the code for NFRSCA is 053%20.
116. A Since the first and last letters are vowels, both of these letters will be coded as %. Hence, to the table the code for ARFTHE is 0358#%.
117. D None of the options satisfies the given relation. Going through the first three options, it can be seen that none of the options represents the required relationship. Hence, option (d) is the correct answer.
118. A The order of the houses is S – Q – P – T – R. Hence, the house which is in the middle is P.
119. C The passage mentions two important points about the Asatra Vriksh. The first point is the presence of a fleshy, poisonous fruit. Therefore, option (C) is correct. The second point refers to the discovery of Purol, a promising new antidepressant drug. Option (A) is incorrect because the passage makes no reference to healthy people. Also, Purol is a new drug and no successes for it have been mentioned as of yet, making option (B) incorrect. Nothing about the treatment for depression prior to Purol's discovery is mentioned. Hence, option (D) is incorrect.

120. B The word "agnosvitriblunin" is most likely to mean "black widow spider" in the artificial language.
121. C The passage draws a conclusion regarding the probability of being employed based upon the number of unemployed educated youth and employed educated youth. The passage states that since these numbers are equal, education doesn't enhance the probability of being employed. Such a conclusion can be correctly drawn only if one is aware of the total numbers of educated youth and of uneducated youth. In other words, the percentages of unemployment in educated youth and unemployment in uneducated youth would give the correct basis for a logical comparison between the two. Option (C) provides this data and hence would help in validating the given conclusion. Option (A) is incorrect as, even though the passage tends to draw a general conclusion (probability of employment) based on a specific piece of information (employment in youth), the information in option (A) gives only absolute numbers and not percentages and hence cannot help validate the conclusion. Options (B) and (D) are incorrect as they provide information that has no bearing on the conclusion being drawn.

For questions 122 to 124: The given information can be tabulated as:

Person	Sex	Sport	Marital Status
P	F		Unmarried
Q	M	Badminton	
R	F	Tennis	Married (Wife)
S	F		Unmarried
T	M	Chess	Married (Husband)

122. D The group "PRS" has only ladies.
123. B R is the tennis player.
124. D R is the wife of T.
125. B Angle between the hands of a clock is given by,
- $$\left| \frac{11}{2}m - 30h \right|$$
- $$= \left| \frac{11}{2} \times 20 - 30 \times 2 \right|$$
- $$= |110 - 60| = 50^\circ.$$
126. D The term cabbac is getting repeated and the sequence formed is cabbac, cabbac, cabbac. Hence, the correct answer is option D i.e. a, c, b, c, b.
127. A The subscript moves in cyclic order and increases by 1.
128. D In each term, the alphabetic position of the first letter decreases by three. The differences between the numbers in consecutive terms are in A.P. Hence, the correct answer is option D i.e. J15.