

# IIFT 2008 (23/11/08)

## Section - 1

1. While packing for a business trip Mr. Debashis has packed 3 pair of shoes, 4 pants, 3 half pants, 6 shirts, 3 sweater and 2 jackets. The outfit.....  
A. 567                      B. 1821                      C. 743                      **D. None of the above**
2. If  $\tan x + \tan(x + \frac{\pi}{3}) + \tan(x + \frac{2\pi}{3}) = 3$  than which of the following is correct?  
A.  $\tan x = 1$                       B.  $\tan 2x = 1$                       **C.  $\tan 3x = 1$**                       D. None of the above
3. DSBO company produces Z units of output at a total cost of RS. R where  $R = \frac{1}{10}z^3 - 5z^2 + 10z + 5$ . At what level of output will the average variable cost attain its minimum?  
A. 20                      B. 33                      **C. 25**                      D. None of the above
4. If  $H_1, H_2, H_3, \dots, H_n$  are n Harmonic means between 'a' and 'b' ( $\neq a$ ), then value of  $\frac{H_1 + a}{H_1 - a} + \frac{H_n + b}{H_n - b}$  is equal to:  
A.  $n - 1$                       **B. 2n**                      C.  $2n + 3$                       D.  $n - 1$
5. If  ${}^{n+2}C_8 : {}^{n-2}P_4 = 57 : 16$ , then n =  
A. 20                      B. 22                      C. 15                      **D. None of the above**
6. Suppose a, b, and c are in Arithmetic Progression and  $a^2, b^2$  and  $c^2$  are in geometric Progression. If  $a < b < c$  and  $a + b + c = \frac{3}{2}$  then the value of a =  
A.  $\frac{1}{2\sqrt{2}}$                       B.  $\frac{1}{2\sqrt{3}}$                       C.  $\frac{1}{2} - \frac{1}{\sqrt{3}}$                       **D.  $\frac{1}{2} - \frac{1}{\sqrt{2}}$**
7. McDonald's ran a campaign in which it gave game cards to its customers. These game cards made it possible for customers to win hamburger, .....  
A. 0.10                      B. 0.15                      C. 0.12                      **D. None of the above**
8. If three positive real numbers a, b, and c ( $c > a$ ) are in Harmonic Progression, then  $\log(a + c) + \log(a - 2b + c)$  is equal to  
A.  $2 \log(c - b)$                       B.  $2 \log(a - c)$                       **C.  $2 \log(c - a)$**                       D.  $\log a + \log b - \log c$
9. Sum of the series  $1^2 - 2^2 + 3^2 - 4^2 + \dots + 2001^2 - 2002^2 + 2003^2$  is  
**A. 2007006**                      B. 1005004                      C. 200306                      D. None of the above
10. The number of ways in which a mixed double tennis game can be arranged amongst 9 married couples if no husband and wife play in the same game is  
A. 1514                      **B. 1512**                      C. 3024                      D. None of the above

11. The interior angles of a polygon are in Arithmetic Progression. If the smallest angle is  $120^\circ$  and common difference is  $5^\circ$ , then number of sides in the polygon is :  
 A. 7                                      B. 8                                      **C. 9**                                      D. None of the above
12. A ladder 25 meters long is placed against a wall with its foot 7 meters away from the foot of the wall. How far should the foot be drawn out so that the top of the ladder may come down by half the distance of the total distance if the foot is drawn out?  
 A. 6 meters                              B. 8 meters                              **C. 8.75 meters**                              D. None of the above
13.  $2 - \frac{\sqrt{6407522209}}{\sqrt{3600840049}}$   
**A. 0.666039**                              B. 0.666025                              C. 0.666009                              D. None of the above
14. If the positive real numbers a, b, and c are in Arithmetic Progression such that  $abc = 4$  then minimum possible value of b is:  
 A.  $2^{\frac{1}{2}}$                                       **B.  $2^{\frac{2}{3}}$**                                       C.  $2^{\frac{1}{3}}$                                       D. None of the above
15. If one root of the equation  $ax^2 + bx + c = 0$  is double of the other, then  $2b^2 =$   
**A.  $9ca$**   
 B.  $c\sqrt{2a}$   
 C.  $2\sqrt{3ac}$   
 D. None of the above
16. A boat goes 30 km. upstream and 44 km. downstream in 10 hours. In 13 hours, it can go 40 km upstream and 55 km down stream. The speed of the boat in still water is:  
 A. 3 km/hour  
 B. 4 km/hour  
**C. 8 km/hour**  
 D. None of the above
17.  $\text{Cot}^{-1} \left[ \frac{\sqrt{1+\sin a} + \sqrt{1-\sin a}}{\sqrt{1+\sin a} - \sqrt{1-\sin a}} \right] =$   
 A.  $2\pi - a$   
**B.  $\pi - \frac{1}{2}a$**   
 C.  $\frac{1}{2}a - 3\pi$   
 D. None of the above
18. A pole has to be erected on the boundary of a circular park of diameter 13 meters in such a way that the difference of its.....  
 A. 8 metres  
 B. 8.25 metres  
**C. 5 metres**  
 D. None of the above

19. A spiral is made up of 13 successive semicircles, with center alternately at A and B,.....
- A. 144 cm
  - B. 143 cm**
  - C. 174 cm
  - D. None of the above
20. The mean salary of ICM Ltd. was Rs. 1500, and the standard deviation was Rs. 400.....
- A. 460
  - B. 480**
  - C. 580
  - D. None of the above
21. A medical clinic tests blood for a certain disease from which approximately one person.....
- A. 47
  - B. 25**
  - C. 21
  - D. None of the above
22. The game of "chuck-a-luck" is played at carnivals in some parts of Europe. Its .....
- A. 0.52
  - B. 0.753
  - C. 0.42**
  - D. None of the above

**Directions:** For questions 23 – 25; Answer the questions based on the following information.  
Rajat is sales manager of Dubin computers Ltd. and looks after Delhi market. ....  
Rajat narrows down on three choices, which are as follows;

23. The expected present value of the five years cumulative profit with choice 3 is:
- A. Rs 12.7 crores
  - B. Rs 10.6 crores**
  - C. Rs 11.7 crores
  - D. None of the above
24. Which of the following statement is TRUE?
- A. Choice 1 is more profitable than Choice 2
  - B. Choice 3 is more profitable than Choice 2
  - C. Choice 3 is more profitable than Choice 1
  - D. None of the above**
25. If the Distributor M/s James claims a coverage of 55% instead of 25% and probability of this claim is true is 0.70 instead of 0.20 then which of the following statement is true?
- A. Choice 1 is more profitable than Choice 2
  - B. Choice 2 is more profitable than Choice 3**
  - C. Choice 3 is more profitable than Choice 1
  - D. None of the above

26. If D is the midpoint of side BC of a triangle ABC and AD is the perpendicular to AC then:
- A.  $3AC^2 = BC^2 - AB^2$   
 B.  $3BC^2 - AC^2 = 3AB^2$   
 C.  $BC^2 + AC^2 = 5AB^2$   
 D. None of the above
27. A cylinder, a hemisphere and a cone stand on the same base and have the same heights. The ratio of the areas of their curved surface is:
- A. 2 : 2 : 1  
 B.  $2 : \sqrt{2} : 1$   
 C.  $\sqrt{2} : 3 : 1$   
 D. None of the above

## Section - 2

**Directions for question 28 – 32:** Answer the question based on the following graph:

28. In which year the annual growth rate of total production (of all products) is highest?  
 A. 1991                      B. 1992                      C. 1993                      D. 1995
29. If the stability of the production during 1990 to 1995 is defined as,  

$$\frac{\text{Average production}}{\text{Maximum production} - \text{Minimum production}}$$
 then which product is most stable?  
 A. Product P                      B. Product Q                      C. Product R                      D. Product S
30. If four products P, Q, R, and S shown in the graph have sold at price of Rs. 9, Rs.4, Rs.13 and Rs.3 respectively during 1990-1995 then the total revenue of all the lowest in which year?  
 A. 1991                      B. 1992                      C. 1993                      D. None of these
31. Individual revenue of P, Q, R and S for the entire period (1990-1995) is calculated based on the price of Rs. 9, Rs. 4, Rs.13 and Rs. 3 respectively, which product fetches the lowest revenue?  
 A. Product P                      B. Product Q                      C. product R                      D. product S
32. Four P, Q, R and S shown in the graph are sold at price of Rs.9, Rs.4, Rs.13 and Rs.3 respectively during 1990-1995. Which of the following statement is true?  
 A. Product R fetches second highest revenue across products in 1991  
 B. Sum of revenue of P, Q and S is more than the revenue of R in 1994  
 C. Cumulative revenue of P and Q is more than the revenue of S in 1993  
 D. None of the above

**Directions for Question 33 -37**

33. Mark the highest FDI inflow growth rate among the following  
 A. Annual FDI inflow growth rate in Gujrat in 2006  
 B. Annual FDI inflow growth rate in Kerala in 2004  
 C. Annual FDI inflow growth rate in Haryana in 2007  
 D. Annual FDI inflow growth rate in Punjab in 2004

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34. Mark the LOWEST FDI inflow growth rate among the following:
- A. Annual FDI inflow growth rate in West Bengal in 2001.
  - B. Annual FDI inflow growth rate in Kerala in 2002.
  - C. Annual FDI inflow growth rate in Maharashtra in 2004.
  - D. Annual FDI inflow growth rate in Haryana in 2005.
35. Mark the TRUE statement:
- A. The decline in annual FDI growth rate for Gujarat in 2001 was.....
  - B. The annual growth rate of FDI in Kerala in 2001 was greater than the.....
  - C. The annual growth rate of FDI in Kerala in 2005 was greater than the.....
  - D. None of the above.
36. Mark the FALSE statement:
- A. The absolute annual increase in FDI inflow in Bihar in 2001 is .....
  - B. The annual FDI growth rate in West Bengal in 2006 was higher than .....
  - C. The absolute annual increase in FDI inflow in Madhya Pradesh in.....
  - D. None of the above.
37. Mark the TRUE statement:
- A. The absolute annual increase in FDI inflow in Haryana in 2006.....
  - B. Annual all states, in 2003 the absolute annual increase in FDI inflow.....
  - C. The absolute annual increase in FDI inflow in Bihar in 2003 is .....
  - D. The FDI inflow in Kerala over 2002 to 2007 was consistently the.....

**Directions:** For question 38 – 43: Answer the questions based on the following table.

38. Find out the TRUE Statement:
- A. The number of covered wagons expressed as a percentage of total .....
  - B. The special type wagons express as a percentage of total wagon.....
  - C. The open high sided wagons expressed as a percentage of total.....
  - D. None of the above.
39. The special type wagons express as a percentage of total wagons were at almost same level during the following pair of years:
- A. 1995 and 2001
  - B. 1998 and 2004
  - C. 2000 and 2002
  - D. 1993 and 1994
40. The departmental wagons expressed as a percentage of total wagons was maximum during:
- A. 2002
  - B. 2005
  - C. 2004
  - D. 2003
41. Find out the LOWEST annual growth rate among the following
- A. Annual growth rate of total wagons 1999
  - B. Annual growth rate of covered wagons 1998
  - C. Annual growth rate of special type wagons 2002

42. Find out the FALSE statement:
- A. The annual growth rate covered wagon in 1996 was higher than the same in 2000
  - B. The annual growth rate of open high sided wagons in 1997 was higher than the same in 2003
  - C. The annual percentage growth rate of average wagon capacity has been maximum in 1999.
  - D. None of above
43. Find out the HIGHEST annual growth rate among the following
- A. Annual growth rate of total wagons in 1995
  - B. Annual growth rate of covered wagons in 2002
  - C. Annual growth rate of open low sided wagons in 1998
  - D. Annual growth rate of departmental wagons in 2000.

**Direction for questions 44 – 48:**

44. Mark the lowest percentage among the following
- A. Export from Canada expressed as a proportion of export from North America in 200.
  - B. Export from Germany expressed as a proportion of export from Europe in 2004
  - C. Export from China expressed as a proportion of export from Asia in 2004.
  - D. Export from Japan expressed as a proportion of export from Asia in 2003
45. Identify the TRUE statement:
- A. The annual export growth rate of Argentina in 2003 was lower than the corresponding figure for US in 2006
  - B. The annual export growth rate of Africa in 2004 was lower than the corresponding figure for Latin America during the same period.
  - C. The annual export growth rate of US in 2004 was lower than the corresponding figure for Canada in 2005.
  - D. None of above
46. Mark the HIGHEST annual growth rate among the following
- A. Annual growth rate of world export in 2005
  - B. Annual growth rate of North America export 2004
  - C. Annual growth rate of India's export in 2002
  - D. Annual growth rate of Japan's export in 2003
47. Mark the False
- A. The exports from Argentina expressed as a proportion of export from Latin America in 2001 was greater than the exports from Nigeria expressed as a proportion of exports from Africa in 2004
  - B. The exports from UK expressed as a proportion of exports from Europe in 2000 is lower than the exports from Argentina expressed as a proportion of export from Latin America in 2005
  - C. The annual export growth rate of Argentina in 2004 was higher than the corresponding figure for Asia in 2005.
  - D. The exports from South Africa in 2001 expressed as a proportion of exports from Africa is lower than the exports from China expressed as a proportion of exports from Asia in 2003.

48. Mark the FALSE statement:
- A. The absolute annual increase in exports from Asia in 2003 was less than the corresponding figure in 2006
- B. The absolute annual increase in exports from Asia in 2003 was less than the corresponding figure in 2006**
- C. The absolute annual increase in exports from Brazil in 2005 was higher than the corresponding figure for Japan in 2002.
- D. None of the above
49. In which year per unit is HIGHEST?
- A. 2002                      **B. 2001**                      C. 2005                      D. 2007
50. What is the approximate average quantity sold during the period 2000-2-10?
- A. 64 units                      **B. 70 units**                      C. 77 units                      D. 81 units
51. If volatility of a variable during 2000-2010 is defined as .....
- A. price per unit has highest volatility
- B. Cost per unit has highest volatility
- C. total profit has highest volatility**
- D. Revenue has highest volatility
52. If the price per unit decreases by 20% during 2000-2004 and last per unit increases by 20% during 2005-2010, then the commutative profit = the entire period 2000-2010 decrease by:
- A. Rs. 1650                      **B. Rs. 1550**                      C. RS. 1300                      D. Rs. 1250
53. If the price per unit decreases by 20% during 2000-2004 and ..... 2000-2010 decreases by
- A. Rs. 1650                      B. Rs. 1550                      C. Rs. 1300                      D. Rs. 1250

### Section – 3

#### Passage – 1

Turning the business around, involved more than segmenting and pulling out of retail. It also meant maximizing every strength we had.....

54. Find out the TRUE statement:
- A. According to the passage, the working of the direct model was being heavily exploited by all players in the software business.
- B. Analysis of the supply chain of the product reveals that the product is sent to the warehouse by the dealer, and any delay at that stage leads to an obvious increase in cost.
- C. The nature of the computer industry is such that the production decision at factory level is usually undertaken after getting the customer demand feedback from the distributors.
- D. Whenever the production of some old-fashioned model of a product by a company exceeds the existing demand, the market forces create a downward pressure on its price.**

55. Find out the FALSE statement:
- A. The company mentioned in the passage could attain efficiency on raw material inventory management because they were procuring components only in line with their timely requirement.
  - B. Generally the more the amount of quality information about the consumer needs and the market a firm possess, the less is its inventory requirement.
  - C. In order to serve the market more efficiently, the firm mentioned here reconfigured their computers with increased proportion of low-cost parts and a fewer types of high-priced parts.
  - D. The conventional manufacturing system always ensured that no competitor can lower prices to reduce profit for everybody.**
56. Choose the option which best matches the following sets:
- A. 1-iv, 2-ii, 3-i, 4-iii
  - B. 1-iii, 2-i, 3-iv, 4-ii
  - C. 1-iv, 2-iii, 3-ii, 4-i**
  - D. 1-iii, 2-ii, 3-iv, 4-i
57. Find out the FALSE statement:
- A. Having less amount of inventory is better in the computer industry as with time better quality components with enhanced capacity reach the market with lower price.
  - B. Before improving the inventory management system under the direct model, the firm first removed in its cost-cutting attempt.
  - C. The efficient inventory management allowed the firm to enhance productivity as well as the flexibility to enter or exit a market.
  - D. The companies with long.....**

### Passage-2

My comrade and I had been quartered in Jamaica, and from there been drafted off to the British settlement of Belize, lying away West and North of the Mosquito coast.....

58. Find out the TRUE statement:
- A. During the time of the narration, the total number of pirates at Belize was much more than the same in the Caribbean seas.
  - B. From the accounts presented here, when the narrator of the passage made the journey.....
  - C. The author and his friends used to consider Dooce as the most .....**
  - D. While talking with Charker, the narrator came across a barrack like.....
59. Find out the FALSE statement:
- A. According to the passage, the silver that was being stored in the place where the.....
  - B. The narrator noted that the silver was being transported from the mine to the coast on .....**
  - C. Although the sea-voyage near Belize was being threatened by the presence of one .....
  - D. The Island the author talks here about was considered to be a good point for .....
60. Find out the true statements:
- A. The author was initially staying in Jamaica, which is located in the West and North of .....
  - B. A casual review of the place by the narrator revealed that the store for keeping the silver was heavily guarded.....
  - C. The narrator and his companion noticed the South American flag and the union .....
  - D. When the ship entered the harbor, both its captain and lieutenant .....**



61. Mark the FALSE statement:
- A. It was being difficult to capture the pirates because they to hide in uncommon .....
  - B. The local cones were employed by the miners to bring the silver from the coast to .....
  - C. The lifestyle of the island was not exactly British as it had to adjust itself with the local south American .....
  - D. When Corporal charkas and serenest gill were walking around the harbors, they .....

**Passage - 3**

We now come to the second part of our journey under the sea. ....

62. Find the TRUE sentence
- A. According to the narrator, the above mentioned.....
  - B. According to conseil, the captain of the Nautilus in which they were traveling.....
  - C. It is implied form the passage that although the author was witnessing many interesting.....
  - D. From the chronicle, it is understood that the Nautilus was in the vicinity of the island of creso on the 25<sup>th</sup> of January
63. Find the FALSE sentence:
- A. After entering the Northern Hemisphere the narrator witnessed several sea.....
  - B. On 25<sup>th</sup> January the second officer of Nautilus came to the platform for measuring the altitude of the sun and for that purpose took observations with the sextant
  - C. After January 24, Nautilus started traveling at a relatively reduced speed, and .....
  - D. The course of Nautilus took them near the Keeling island, which had earlier been visited by Mr. Darwin and captain Fitzroy

64. Match the following:

1	molluscs	i	Colourless
2	Sharks	ii	Tentacles
3	Infusoria	iii	Coco
4	Coral	iv	Snouts

- A. i-ii, 2-iv, 3-i, 4-iii
- B. 1-iii, 2-i, 3-iv, 4-ii
- C. 1-iv, 2-iii, 3-ii, 4-i
- D. 1-iii, 2-ii, 3-iv, 4-i

65. Find the true statement:
- A. During 22<sup>nd</sup> to 24<sup>th</sup> of January, Nautilus was traveling at the rate of two hundred any fifty leagues in twenty-four hours, which means a speed of twenty-two miles an hour.
  - B. On 26<sup>th</sup> January for approximately an hour the narrator witnessed a shoal of mollusks, and he enjoyed watching their spiral-shaped and fluted shells.
  - C. On the 25<sup>th</sup> of January the narrator came across a steamboat, which was owned by P.O. Company, which travels between Ceylon to Sydney.
  - D. The electric lamp of the submarine was an example of efficiency and effective fixture.

**Directions for questions 66 – 69:** Selection the option which is having similar analogy vis-à-vis the analogy given in the question.

66. **TRAVESTY : PARAGON ::**  
A. autonomy : subordination  
B. disqualification : ineptitude  
C. sentinel : creed  
D.
67. **CONTRITE : OB DURATE ::**  
A. grievous : lamentable  
B. aphoristic : esoteric  
C. sophisticated : cultured  
D. favorable : assenting
68. **PECCADILLO : FLAW ::**  
A. clandestine : openness  
B. nick : score  
C. forensics : judiciary  
D. invasion : putsch
69. **MUTTER : INDISTINCT ::**  
A. define : easy  
B. blunder : polished  
C. articulate : well-spoken  
D. expedite : completed

**Directions for questions 70 – 72:** Select the most opposite of the given word from the given choices.

70. **REQUIEM**  
A. Humility  
B. Prerequisite  
C. Resolution  
D. Reign
71. **ASPERSION**  
A. Infamy  
B. Restriction  
C. Tradition  
D. Obeisance
72. **STOLIDITY**  
A. Posterity  
B. Proximity  
C. Agility  
D. Sobriety

**Directions for questions 73 – 75:** Find the most appropriate word from the given choices which is described by the meaning provided in the question.

73. Meaning a bowl-shaped drinking vessel  
A. ramble  
B. fracas  
C. aquifer  
D. chalice
74. Meaning: definition of a substance, especially a strong acid, erosive, mordant.  
A. vitriolic  
B. briny  
C. puerile  
D. Prophylactic
75. Meaning: an upward slope or grade (as in a road); rise, raise, climb, upgrade.  
A. maelstrom  
B. acclivity  
C. alacrity  
D. slighting

**Directions for question 76 – 79:** Select the most appropriate word(s) from the given choices to fill the blank(s).

76. Justice Minister Bola Ige, confronted with the general incivility of local police, placed a \_\_\_\_\_ on the cadets. Said the Hon, Bola Ige, "I pray that God will make big holes in their pockets."  
A. malediction      B. sanction      C. proscription      D. plea
77. i \_\_\_\_ (i) \_\_\_\_\_ that he will pass his exam and get a good job.  
i will make a \_\_\_\_ (ii) \_\_\_\_\_. There will be a new government in less than a year.  
A. i. prophecy ii. prophesy      B. i. prophesy ii. prophecy  
C. i. prophecy ii. prophecy      D. i. prophesy ii. prophecy
78. Imagine an \_\_\_\_\_ publish figure attacked by press and public, who is facing an inquiry into allegations of having obtained money by deception.  
A. empowered      B. endangered      C. embattled      D. engrossed
79. His listeners enjoyed his \_\_\_\_\_ wit but his victims often \_\_\_\_\_ at its satire.  
A. lugubrious      B. bitter, smarted      C. lugubrious      D. trenchant, winced

**Directions for questions 80 – 83:** In each of the following sentences, part or all of the sentence is underlined. The answer choices offer four ways of phrasing the underlined part if you think the original sentence is better than

80. Had the president's Administration not lost the vote on the budget reduction package, his first year in office would have been rated an A.  
A. Had the presidents' Administration not lost the vote on the budget reduction package, his first year in office would have been rated an A.  
B. Had the President's Administration not lost the vote on the budget reduction package, it would have been rated an A in the first year.  
C. If the President had not lost the vote on the budget reduction package, the Administration's first year in office would have been rated an A.  
D. Had the President's Administration not lost the vote on its budget reduction package, his first year in office would have been rated an A.
81. The rise in negative attitude toward foreigners indicate that the country is becoming less tolerant, and therefore that the opportunities are ripe for extremist groups to exploit the illegal immigration problem.  
A. indicate that the country is becoming less tolerant, and therefore that  
B. indicates that the country is becoming less tolerant, and therefore  
C. indicates that the country is becoming less tolerant, and therefore that  
D. indicates that the country has become less tolerant, and therefore
82. This century began with war brewing in Europe.....  
**Answer: A**  
A. War brewing in Europe, the industrial revolution well-established, and a nascent communication age
83. Due to chemical spill, the commute into the city will be delayed by as much as 2 hours.  
**Answer: A**  
A. Due to the chemical spill, the commute into the city will be delayed by as much as 2 hours

84. 1. The economy's performance is expenditure seems was even poorer.....  
 II. On an Output basis--- the government's.....  
 III. Data from statistics New Zealand, a government.....  
 IV. This was the first construction since late 2005.....

**Answer: C**

**C. III, II, IV, I**

85. I. Matti Meri, a teacher trainer at Helainki University.....  
 II. By the time comprehensive reached the more population.....  
 III. Grammar-school teachers were quite afraid of the .....  
 IV. They used to teach only one third of the students.....  
 V. Comprehensive schools were introduced in 1972.....

**Answer: A**

**A. V, I, III, IV, II**

86. I. It is a clear illustration of the major role played by diet and culture.....  
 II. Little is known about its effects but changing its levels.....  
 III. Chinese and Japanese people are very similar at a .....  
 IV. Metabolomics can provide very specific .....  
 V. For Instance be found an unexpected metabolic .....

**Answer: D**

**D. III, I, IV, V, II**

87. There are four statements S1.....

**Answer: D**

**D. S2, S4**

88. There are sentences S1, S2, S3, S4 where the underlined.....

**Answer: C**

**C. S1, S4**

89. **D. Albania**

90. 1. Pandit Ravi Shankar                      1999  
 2. Ustad Bismillah Khan                    2001  
 3. M S Subbulakshmi                        1998  
 4. Satyajit Ray                                 1992

**A. 1-ii, 2-iii, 3-iv, 4-i**

91. **Select the wrong Country-River – Currency Match**

	Country	River	Currency
<b>A.</b>	Nigeria	Benue	Naira
<b>B.</b>	South Korea	Nakdong	Wong
<b>C.</b>	Colombia	Magdalena	Peso
<b>D.</b>	Malaysia	Siouguluan	Ringgit

92. Select the WRONG International Organization Location of Headquarter – Country match:

	International Organization	Location of Headquarter	Country
A	International Atomic Energy Agency	Vienna	Austria
B	World Health Organization	Geneva	Switzerland
<b>C</b>	International Monetary Fund	New York	USA
D	International Court of Justice	The Hague	Neitherlands

93. Select the WRONG Venue of Hockey World Cup – Year – Winner match:

	Venue of Hockey World Cup	Year	Winner
A	Kuala Lumpur	1975	India
B	London	1986	Australia
<b>C</b>	Sydney	1994	Netherlands
D	Moncheglandbach	2006	Germany

94. Select the WRONG Book- Author match:

	Book	Author(s)
A		
<b>B</b>	Accidental Empires: How the Boys of Silicon Valley Make Their Millions. Battle Foreign Competition, and Still Can't Get a Date	Robert X. Kennedy
C		
D		

95. Select the WRONG Country – Name of Parliament match:

	Country	Name of Parliament
A		
<b>B</b>	Norway	Riksdag
C		
D		

96. Which one of the following books has been authored by P. Chidambaram?

**Answer: A**

A. View from the outside: Why good economics works for everyone

97. Which of the treaty was signed amongst the European nations for entering into the monetary union?

**Answer: C**

C. Maastricht Treaty

98. Which of the following Indian automobile major has a tie-up with a German insurer?

**Answer: C**

C. Bajaj

99. Which Indian company has acquired General Chemical Industrial Products Inc. of USA in 2008?

**Answer: A**

A. Tata Chemicals

100. Which of the following is not part of the Central Police Forces under the Union Government of India?

**Answer: A**

A. Sashashtra Seema Ball

101. In Descending order, which of the following group of countries is correct about the length of India's land borders with its neighbours?

**Answer: D**

D. Bangladesh, China, Pakistan, Nepal, Myanmar

102. Chronologically which one of the following is correct?

**Answer: C**

C. (1) International Atomic Energy Agency set up. (2) France conducts first nuclear test, (3) China conducts its first nuclear test

103. Which of the following mountain peak is not located in India?

**Answer: A**

A. Daulagiri

104. Select the correct Organization – Purpose match:

	Organization		Purpose
A.	NABARD	i	Financial assistance for warehousing
B.	NCDC	ii	Refinancing agricultural credit
C.	SCARDB	iii	Inter-state sale of agricultural products
D.	NAFE;D	iv	Land development

A. 1 – ii, 2 – i, 3 – iv, 4 – iii

105. In descending order, which one of the following is the correct sex ratio of states in India?

A. Kerala, Chhatisgarh, Tamil Nadu, Andhra Pradesh, Orissa

106. Select the correct Artists – Instruments match:

Artists	Instruments
i. N. Rajam	a. Santoor
ii. Staish Vyas	b. Violin
iii. Vilayat Khan	c. Rudra Vina
iv. Asad Ali Khan	d. Sitar

B. i-b, ii-a, iii-d, iv-c

107. Select the correct Sobriquets – Primary Names match;

Sobriquets	Primary Names
i. Emerald Island	a. Bahrain
ii. Island of pearls	b. Ireland
iii. Holy land	c. Bhutan
iv. Land of thunderbolts	d. Palestine

C. i-b, ii-a, iii-d, iv-c

108. Which of the following is an incorrect Award – Person match?

A. Indra Nooyi – Padmi Shri

109. The antibiotic penicillin is obtained from:

B. Fungus

110. Select the correct Railway Zone Head Quarter match:

Railway Zone	Head Quarter
i. South-East Central	a. Jablpur
ii. North-East Frontier	b. Maligon
iii. North Eastern	c. Bilaspur
iv. West Central	d. Gorakhpur

A. i-c, ii-b, iii-d, iv-a

111. Select the correct inventions discoveries match:

Inventions/Discoveries	Inventor/discoverer
i. Cassette (Audio)	a. Philips CO.
ii. Super computer	b. J.H.Van Tassel
iii. Cloning (Mammal)	c. Wilmur, etal
iv. HIV	d. Mortagnier

A. i-a, ii-b, iii-c, iv-d

112. Select the correct diseases – plants affected match:

Diseases	Plants affected
i. Black Heart	A. Peas
ii. Red Rot	B. Wheat
iii. Karnal Bunt	C. sugarcane
iv. Powdery Mildew	D. Patatoes

B. i-d, ii-c, iii-b, i-a

113. In April 2008 ISRO launched the following satellite from Sriharikota:

- A. KITSAT-3
- B. CARTOSAT-2A
- C. HAMSAT
- D. INSAT-4CR

114. Which of the following country is not a member of G8 group of countries?

- A. United Kingdom
- B. China
- C. Germany
- D. Canada

115. Which prominent intergovernment organization launched the movement “Education For All”(EFA)?

D. UNESCO

116. Which of the following country is a member of OECD group?

D. South Africa

117. Select the correct Year-Olympic host cities match:

	Year		Olympic host cities
1	1976	I	London
2	1992	II	Tokyo
3	1964	III	Montreal
4	2012	IV	Barcelona

D. 1-III, 2-IV, 3-II, 4-I

118. Select the correct IPL Franchise owner Match:

	IPL Franchise		Owner
1	Mumbai Indians	I	UB Group
2	Royal Challengers	II	GMR Holdings
3	Chennai Super kings	III	Reliance Industries
4	Delhi Daredevils	IV	India Cements

B. 1-iii, 2-I, 3-iv, 4-ii

## Section – 6

### Directions for questions 119 – 120:

In each below.....

119. Statements:

- I. Some drivers are technicians
- II. All technicians are engineers
- III. Some engineering are lectures

Conclusions

- 1. Some technicians are lectures
- 2. Some lectures are drivers
- 3. All engineers are technician
- 4. Some engineers are drivers

A. only 3 follows

B. only 4 follows

C. Only 3 and 4 follows

D. None of the above

120. Statement

- I. Some barbers are fashion designers
- II. No fashion designers are businessman
- III. Some businessman are traders

Conclusions:

- 1. No Fashion designers are trader
- 2. Some traders are not fashion designers
- 3. Some fashion designers are traders
- 4. Some barbers are not businessman

A. Either 1, 2, and 4 or 3, 2, and 4 follow

B. Either 1 and 4 or 3 and 4 follow



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C. Either 1 and 2 or 3 and 2 follow

D. None of the above

121. Pointing to Priya, father of Pritu says, "She is the daughter of the daughter of the wife of the only son of the grandfather of my sister. "How is Sushma related to Priya if Sushma is the sister of Pritu?

A. Mother

B. Aunt

C. Niece

D. None of above.

122. Three children won prizes in the 'Tech .....is not Badal.

Which of the following statement is TRUE?

A. 1<sup>st</sup> prize Rahman (Leelavati), 2<sup>nd</sup> prize Binod (Columbus), 3<sup>rd</sup> Prize: Badal (Lancer)

123. Mother dairy sells milk packets in boxes..... box for Mother Dairy?

A. 2400 packets

B. 3000 packets

C. 4000 packets

D. none of above

124. All employees have to pass through three..... offices on the annual day?

A. Rs. 40

B. Rs. 36

C. Rs. 25

D. Rs. 42

**Directions for questions 125 – 126:** Answer the questions based on the following information.

Director of an institute wants to distribute teaching assignment of HRM,..... on an assignment if Prof. Acharya gets one.

125. Which of the following is a valid faculty-assignment combination if all the faculty preferences are considered?

**Answer: B**

Prof. Chaudhury – HRM, Prof Das-Psychology, Prof, Acharya-Development studies, Prof. Bank-Trade policy, Prof. Eswar-Finance

126. If Prof. Acharya gets HRM and Prof. Chaudhury gets Finance, then which of the following is not a correct faculty-assignment combination assuming all faculty preferences are considered?

**Answer: D**

Prof. Bank-Development Studies, Prof, Das-Trade Policy

**Directions for questions 127 – 129:** Answer the questions based on the following information.

Five women decided to go for shopping to South Extension, New Delhi. .... largest amount and Chandrima the smallest.

127. What was the amount spent by Heena?

A. Rs. 1193

B. Rs. 1340

C. Rs. 2234

D. Rs. 2517

128. Which of the following amount is spent by one of the women?

A. Rs. 1139

B. Rs. 1378

C. Rs. 2571

D. Rs. 2518

129. The lady who spent Rs. 1193 is:

A. Aradhana

B. Chandrima

C. Deepika

D. Heena

**Directions for questions 130 – 132:** Answer the questions based on the following information.

In a motor race competition certain rules are given for the participants to follow. To control direction and speed of the ..... after crossing the previous signal).

130. Total distance traveled by Kartikay from starting point till last signal is:  
A. 9 km                      B. 10 km                      C. 8 km                      D. 12 km
131. What would be the final position of Kartikay if one guard with red cap and two guards with green caps were placed at the first signal point after the starting point?  
A. 3.0 km to the west and 2.0 km to the south  
B. 3.0 km to the west and 4.0 km to the north  
C. 5.0 km to the east and 4.0 km to the north  
D. 2.0 km to the west and 4.0 km to the south
132. If at the starting point Kartikay was heading towards south what would be his final position?  
A. 3.0 km to the east and 4.0 km to the south  
B. 5.0 km to the east and 4.0 km to the south  
C. 3.0 km to the west and 4.0 km to the south  
D. 5.0 km to the west and 2.0 km to the north

**Directions for questions 133 – 136:** Answer the questions based on the following information:

Mr. Mansingh has five sons ..... Rohit who was born just before Janki, plays hockey.

133. Arun is the ..... child of Mr. Mansingh.  
A. 2<sup>nd</sup>                      B. 3<sup>rd</sup>                      C. 6<sup>th</sup>                      D. 5<sup>th</sup>
134. Sourav is a student of which school?  
A. Trinity                      B. St. Stefan                      C. Mansorover                      D. Cannot be determined
135. What game does Tamanna play?  
A. Cricket                      B. Hockey                      C. Football                      D. Cannot be determined
136. Which of the following pairs was not born in succession (ignore the order)?  
A. Mahi and Nilesh                      B. Kuntala and Arun                      C. Rohit and Janki                      D. Arun and Rohit

**Directions for questions 137 – 138:** Answer the questions based on the following information.

To get admission in a management course at Dadhichi Institute of Management (DIM) following criteria are given. .... V. if the candidate is admitted under sponsor quota.

137. Kamaljeet secured 60 percent marks in graduation and was born on 15<sup>th</sup> April 1976. He scored 56 percent marks in the entrance test. He can pay one-time deposit of Rs. 2,00,000 and monthly tuition fee of Rs. 4,000.  
A. I                      B. II                      C. III                      D. IV
138. Gourav is a first-class science graduate who obtained 81 percent marks in entrance test. He has 12 years of work experience is supervisory cadre. He can pay the stipulated one-time deposit and monthly tuition fees. His date of birth is 20<sup>th</sup> October, 1970.  
A. I                      B. IV                      C. III                      D. V

**Directions for questions 139 – 141:**

Read the following information and answer the questions given below it.  
For selection of films produced before December 2007 for the national film festival of India, following criteria are given.....

139. Film Dainandini was produced at the cost of rupees 2.5 crore. ....  
A. I                      B. II                      C. IV                      D. V
140. Bhadrassalam is a 135-minute film directed by Katyani, .....  
A. I                      B. V                      C. III                      D. IV
141. Rakesh Mohan, the director of film Ek Bar Achanak, has successfully completed a .....  
A. I                      B. III                      C. IV                      D. II

**Directions for questions 142 – 145:**

Answer the questions based on the following information.  
A number arrangement machine, when given a particular input, rearranges it following a particular rule. Illustration of the input and the steps of arrangement is given below.

Input : 245, 316, 436, 519, 868, 710, 689

142. If the input is given as "655, 436, 436, 764, 799, 977, 572, 333", which of the following step will be "333, 436, 572, 655, 977, 764, 799"?  
A. Step Third                      B. Step Second                      C. Step Fourth                      D. None of the above
143. How many steps will be required to get the final output from the following input?  
Input: 544, 653, 325, 688, 461, 231, 857  
A. 6                      B. 5                      C. 4                      D. None of the above
144. Step third for an input is "432, 433, 542, 666, 734, 355, 574" what will be the first step for the input?  
A. 666, 542, 432, 734, 433, 574, 355  
B. 542, 666, 734, 432, 433, 574, 355  
C. 355, 574, 433, 432, 734, 666, 542  
D. Cannot be determined
145. What will be the third step fro the following input?  
Input: 653, 963, 754, 345, 364, 861, 541  
A. 541, 345, 754, 963, 364, 816, 653  
B. 541, 345, 364, 653, 963, 754, 861  
C. 541, 345, 364, 963, 754, 861, 653  
D. 541, 345, 364, 653, 861, 754, 963
146. Among Anil, Bihek, Charu Debu, and Eswar, Eswar is taller than Debu but not as .....  
A. Bibek                      B. Charu                      C. Debu                      D. Eswar
147. Pointing to a photograph Yuvraj Says, "He is the only brother of the only daughter .....  
A. Paternal uncle                      B. Maternal uncle                      C. Grandfather                      D. None of the above

**Directions for questions 148 – 150:** Answer the questions based on the following information.

A word arrangement machine, when given a particular input, rearranges it following a particular rule.

Following..... given below for the given input.

148. Which of the following will be last step for the input given below?

- A. out is air to going search he
- B. out is air to search going he
- C. search he out is air to going
- D. none of the above

149. If step 2 of an input is not “not is the casino considering legal action”, which step is “not is casino action legal the considering”?

- A. Step: 3
- B. Step 6
- C. Step: 4
- D. None of the above

150. How many steps will be required to get the final output from the following input?

Input: Father needs to check on the boy

- A. Four
- B. Five
- C. Six
- D. None of the above