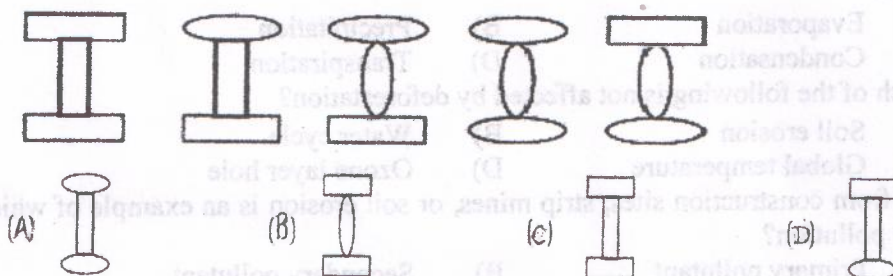


1. Who is the father of Bhishma in the Mahabharata?
  - A) Bharat
  - B) Devavrata
  - C) Parashar
  - D) Shantanu
2. When did the terrorist attack the World Trade Centre of America?
  - A) 11 September 2001
  - B) 12 September 2001
  - C) 25 September 2001
  - D) 26 September 2001
3. On which day was the Indian Constitution got adopted?
  - A) 26 November 1949
  - B) 26 December 1949
  - C) 26 January 1949
  - D) 26 January 1950
4. The rich source of iron is
  - A) Milk
  - B) Eggs
  - C) Green leafy Vegetables
  - D) Beans
5. "Agakhan Cup" is associated with the game of
  - A) Hockey
  - B) Football
  - C) Cricket
  - D) Golf
6. Who is the President of the Planning Commission and the National Development Council in India?
  - A) President of India
  - B) Prime Minister
  - C) Vice-President of India
  - D) Finance Minister
7. National Rural Employment Guarantee Act (NREGA) came into force on
  - A) 2 February 2006
  - B) 12 February 2007
  - C) 2 February 2008
  - D) 22 February 2009
8. What is the most advanced medium of the communication sector?
  - A) Television
  - B) Radio
  - C) Post
  - D) Satellite
9. Which of the following is considered as a basic need of the man along with food, clothing and shelter?
  - A) Education
  - B) Water
  - C) Rest
  - D) Journey
10. What type of energy is the solar energy?
  - A) Commercial
  - B) Non-commercial
  - C) Non-conventional
  - D) Conventional
11. Which tax was introduced by the Government in place of sales tax?
  - A) VAT
  - B) State excise duties
  - C) The Central Sales Tax
  - D) Customs duties
12. What is Ornithology?
  - A) Study of birds
  - B) Study of bones
  - C) Study of earth
  - D) Study of plants
13. The One Day International World Cup Cricket to be held in 2015 will be jointly hosted by \_\_\_\_\_ and \_\_\_\_\_.
  - A) England – Ireland
  - B) Kenya – South Africa
  - C) Australia – New Zealand
  - D) Sri Lanka - Bangladesh
14. The difference between Indian Standard Time and Greenwich Mean Time is of
  - A) Five hours
  - B) Six hours
  - C) Four and a half hours
  - D) Five and a half hours

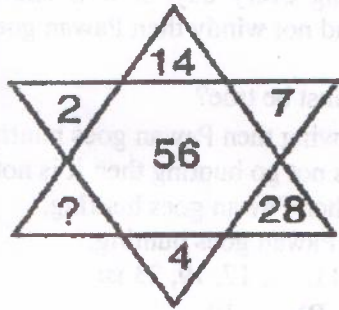
15. 2011-2020 decade is being celebrated by UN as  
A) Decade of Action for Road Safety      B) Decade for Eradication of Poverty  
C) Decade for Human Rights Education    D) Decade of Action for Cancer Awareness
16. Of which country was Muammar Gaddafi the dictator?  
A) Saudi Arabia                              B) Afghanistan  
C) Libya                                        D) Iraq
17. The Right to Information Act 2005 has been enacted with a view to  
1. Promote transparency and accountability in the working of the Government  
2. Combat corruption  
3. Have a control of the people over the bureaucracy  
4. Make the democracy work for the people in a real sense  
A) 1 only                                        B) 1 and 2 only  
C) 1, 2 and 3                                D) 1, 2 and 4
18. Which of the following organs of the human body is affected by Hepatitis 'B'?  
A) Heart                                        B) Brain  
C) Liver                                        D) Lungs
19. A 17 inches computer monitor implies that  
A) the screen is 17 inches wide  
B) the screen is 17 inches high  
C) a circle of 17 inches diameter is available for display  
D) the diagonal across the screen is 17 inches
20. The unique address of web page on website is called as  
A) URL                                         B) HTTP  
C) Browser                                    D) E-mail
21. The study of economics would be superfluous if \_\_\_\_\_ did not exist.  
A) demand                                    B) corporations  
C) profit                                        D) scarcity
22. A group of firms that selects a common price that maximizes their combined profits is known as a(n):  
A) trading bloc                                B) cartel  
C) market                                      D) industry
23. If a country experiences an inflation rate of 20 percent a year,  
A. The productivity for the country is increasing.  
B. The cost of living in the country is increasing.  
C. The standard of living in the country is improving.  
D. The quantity of goods and services is growing faster than the quantity of money.
24. What do supply and demand curves have in common?  
A) They both usually slope upward.  
B) They both show a relationship between quantity and price.  
C) They both usually slope downward.  
D) They can both shift in response to changes in income or wealth.

25. In one hour, Ram can fix 4 flat tires or type 200 words. His opportunity cost of fixing a flat tire is:  
A) 4 flat tires      B) 1 word  
C) 50 words      D) 800 words
26. Which of the following is the equation of net profit?  
A) Total Revenue – Explicit Cost      B) Total Revenue – Implicit Cost  
C) Total Revenue – Total Cost      D) Total Revenue – Total Loss
27. Marginal cost can be defined as:  
A) The difference between average total cost and average variable cost  
B) The cost per unit when the firm is operating at capacity  
C) The change in total cost resulting from an additional unit of output  
D) The change in fixed cost resulting from an additional unit of output
28. In Economics, the term “utility” is defined as:  
A) The system of basing the price of a good on its usefulness to society  
B) The usefulness of a good  
C) The usefulness of a theory to explain price determination  
D) The total satisfaction received from consumption of a good
29. The imposition of a sales tax usually causes the price to consumers to \_\_\_\_\_, while the revenue of sellers \_\_\_\_\_.  
A) Rise, remains unchanged      B) Fall, remains unchanged  
C) Rise, falls      D) Rise, rises
30. The factors that influence economic growth are  
A) Higher prices, lower unemployment, and higher GDP.  
B) Technological change, expansion of human capital, and capital accumulation.  
C) Lower prices, higher unemployment, and technological change.  
D) Expansion of human capital, capital accumulation, and lower unemployment
31. Environmental degradation means:  
A) Overall lowering of environmental qualities  
B) Adverse changes brought in by human activities  
C) Ecological imbalance because of ecological diversity  
D) All the above
32. The purest form of water is:  
A) rain water      B) heavy water  
C) tap water      D) distilled water
33. Which of the following terms describes the addition of water to the atmosphere by plants?  
A) Evaporation      B) Precipitation  
C) Condensation      D) Transpiration
34. Which of the following is not affected by deforestation?  
A) Soil erosion      B) Water cycle  
C) Global temperature      D) Ozone layer hole
35. Dust from construction sites, strip mines, or soil erosion is an example of which type of air pollution?  
A) Primary pollutant      B) Secondary pollutant  
C) Fugitive emissions      D) Natural pollutants

36. Buying and selling goods over the Internet is called \_\_\_\_\_.
- A) Hyper-marketing      B) Cyber-selling  
C) E-commerce      D) Euro-conversion
37. Stocks and property owned by a person or organization are called:
- A) Estate      B) Holdings  
C) Assets      D) Liabilities
38. The arrangement of funding capital from abroad by a company directly from an investor is known as:
- A) FDI      B) FII  
C) FERA      D) FEMA
39. A document which has a monetary value, such as a draft or a cheque is called:
- A) Financial Instrument      B) Financial Document  
C) Financial Agreement      D) Financial Bond
40. Which stage of the business life cycle would be associated with a decline in sales and a loss of consumer interest?
- A) Establishment      B) Growth  
C) Maturity      D) Post-maturity
41. Rajesh writes down a number between 1 and 1000. Madhuri must identify that number by asking "yes/no" questions of Rajesh. Madhuri knows that Rajesh always tells the truth. If Madhuri uses an optimal strategy, then she will determine the answer at the end of exactly how many questions in the worst case.
- A) 1000      B) 999  
C) 500      D) 10
42. If SHIP is written as VKLS, then PENCIL will be written as:
- A) RGPEKN      B) SHQFLO  
C) SHFQLO      D) RGPKEN
43. What is the next figure?

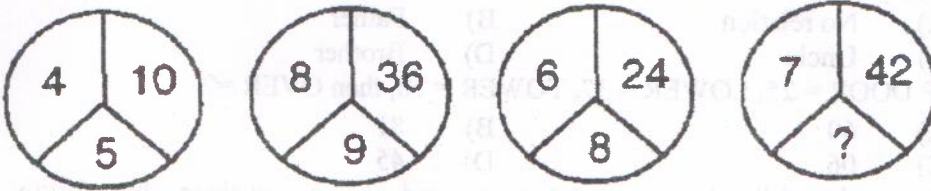


44. Choose the correct alternative to replace the question mark.



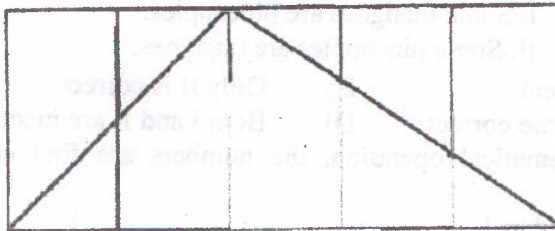
- A) 21                      B) 32  
C) 64                      D) 8

45. Select the appropriate alternative in place of the question mark.



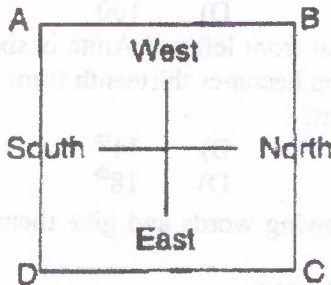
- A) 6                      B) 8  
C) 10                    D) 12

46. How many triangles are there in the given figure?



- A) 5                      B) 10  
C) 11                    D) 9

47. A, B, C and D are standing on four corners of a square field as shown in the figure. From the positions given in figure, A, B, C and D started walking along the sides in anticlockwise direction and move a distance equal to three sides each. If all moved with the same speed and started at the same time, which of the following statements is correct?



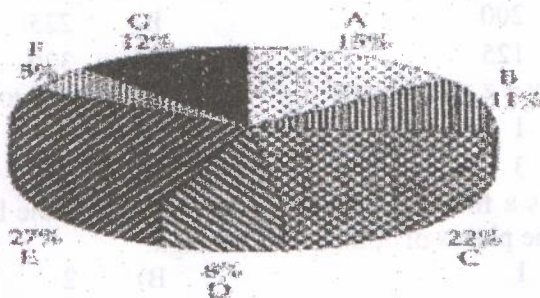
- A) C is to the South of D                      B) B is to the South-East of D  
C) A is to the North-east of C                D) D is to the South of A

48. Pawan goes either hunting or fishing every day. If it is snowing and windy then Pawan goes hunting. If it is sunny and not windy then Pawan goes fishing. Sometimes it can be snowing and sunny.  
Which of the following statements must be true?  
A) If it is not sunny and it is snowing then Pawan goes hunting.  
B) If it is windy and Pawan does not go hunting then it is not snowing.  
C) If it is windy and not sunny then Pawan goes hunting.  
D) If it is windy and sunny then Pawan goes hunting.
49. The missing number in the series 7, 11, ..., 17, 19, 23 is:  
A) 15  
B) 19  
C) 13  
D) 9
50. Farah and Tanuja are sisters. Amar and Akbar are brothers. Amar's son Anthony is Tanuja's brother. How is Akbar related to Farah?  
A) No relation  
B) Father  
C) Uncle  
D) Brother
51. IF DOOR = 25, LOWER = 37, TOWER = 18, then OVER = ?  
A) 60  
B) 81  
C) 06  
D) 45
52. Study the following two statements and the conclusions that follow. Which conclusion has been correctly drawn?  
Statements : 1. All mangoes are apples.  
2. Some apples are pineapples.  
Conclusions : I. Some mangoes are pineapples.  
II. Some pineapples are mangoes.  
A) Only I is correct  
B) Only II is correct  
C) Both I and II are correct  
D) Both I and II are incorrect
53. In a peculiar mathematical operation, the numbers are first changed as per the following rule:  
1, 2, 3 changed to 1  
4, 5, 6 changed to 2  
7, 8, 9 changed to 3  
'0' remains unchanged.  
The various mathematical operations are then carried out and the result obtained at the end is once again changed as per the above rule.  
What is the net result of  $825 - 437 + 302 = ?$   
A) 690  
B) 300  
C) 200  
D) 100
54. In a row of girls, Neha is fifth from left and Anita is sixth from the right. When they exchange their positions, Neha becomes thirteenth from the left. What will then be the Anita's position from the right?  
A) 7<sup>th</sup>  
B) 11<sup>th</sup>  
C) 14<sup>th</sup>  
D) 18<sup>th</sup>
55. Rearrange letters in the following words and give them meaning. Then find the odd man out.  
TERAH, NVESU, NOMO, RASM  
A) NOMO  
B) NVESU  
C) TERAH  
D) RASM

**Instructions for Q-56 to Q-60:**

Seven companies A, B, C, D, E, F and G are engaged in production of two items I and II. The comparative data about production of these items by the seven companies is given in the following Graph and Table. Study them carefully and answer the questions given below:

**Percentage of the total production produced by the seven companies**



**Cost of the total production (both items together) by seven companies = Rs. 25 crores**

Company	Ratio of Production		Per cent profit earned	
	Item I	Item II	Item I	Item II
A	2	3	25	20
B	3	2	32	35
C	4	1	20	22
D	3	5	15	25
E	5	3	28	30
F	1	4	35	25
G	1	2	30	24

56. Cost of production of item I by company F is what per cent of the cost of production of item II by company D?
 

A) 16%	B) 33.33%
C) 66.67%	D) 20%
57. What is the total profit earned by company G for items I and II together?
 

A) 78 lakhs	B) 1.62 crore
C) 7.8 crore	D) 16.2 lakhs
58. What is the ratio of the cost of production of item I by company A to the cost of production of item I by company D?
 

A) 3: 5	B) 2: 1
C) 1: 2	D) 2: 3
59. The cost of production of both items together by company E is equal to the total cost of production of both items together by which of the two other companies?
 

A) C and D	B) B and G
C) A and D	D) C and F
60. What is the total of the cost of production of item I by company A and the cost of production of item II by company B?
 

A) 2.6 crore	B) 26 lakh
C) 3.35 crore	D) 33.65 lakh



What is the number of projects in which Mita alone is involved?

- A) Uniquely equal to zero.      B) Uniquely equal to 1.  
C) Uniquely equal to 4.      D) Cannot be determined uniquely.
71. The 288<sup>th</sup> term of the series A,B,B,C,C,C,D,D,D,D,E,E,E,E,F,F,F,F,F... is  
A) U      B) V  
C) W      D) X
72. A train running at 72 Kilometers per hour crosses a tulip tree standing by the side of the track in 7 seconds. The length of the train is:  
A) 104 meters      B) 140 meters  
C) 504 meters      D) 540 meters
73. A shopkeeper gives 3 consecutive discounts of 10%, 15% and 15% after which he sells his goods at a percentage profit of 30.05% on the cost price. Find the value of the percentage profit that the shopkeeper would have earned if he had given discounts of 10% and 15% only:  
A) 53%      B) 62.5%  
C) 72.5%      D) 68.6%
74. How many even numbers of four-digits can be formed with digits 1, 2, 3, 4, 5, 6 (repetition of the digit is allowed)?  
A) 648      B) 180  
C) 1296      D) 540
75. In one class, average age of 60 students is 11 years and 5 months. When the same is deduced with that of a teacher, it comes to 12 years. Then what will be the age of teacher?  
A) 34      B) 37  
C) 47      D) 53
76. If a clock strikes every hour, once at 1 O' clock, twice at 2 O' clock, thrice at 3 O' clock and so on. How many times will it strike in 24 hours?  
A) 154      B) 156  
C) 158      D) 152
77. In the year 2014, Mahatma Gandhi's death anniversary (30th January. is on Thursday. What day will it be on 12th March; the anniversary of 'Dandi-March'?  
A) Monday      B) Sunday  
C) Wednesday      D) Friday
78. If the product of two natural numbers is 53125 and the G.C.D. is 25, then which of the following is the smallest natural number?  
A) 425      B) 625  
C) 75      D) 125
79. Find the value of  $\frac{2^{n+1} + 2^n}{2^{n+4} - 2^{n+1}} =$   
A)  $\frac{2}{3}$       B)  $\frac{3}{14}$   
C)  $\frac{1}{13}$       D)  $\frac{5}{13}$
80. A two-digit number is such that the product of its digits is 12. If number 36 is added to this number, the digits interchange their places. What is that number?  
A) 34      B) 62  
C) 43      D) 26

**Instructions for Q-81 to Q-84:**

*Each of the following questions contains a pair of words. Find the relationship between the meanings of these two words, and then choose from among the possible responses the one in which the relationship between the two words is most similar to the relationship you have found. Note: The order of the words in each pair is significant.*

81. Insomnia : Sleep -  
A) Dyslexia : Read                      B) Hyperactivity : Move  
C) Malnutrition : Eat                    D) Hemophilia : Bleed
82. Baker : Eating -  
A) Surgeon : Anesthesia                B) Author : Reading  
C) Gardener : Watering                D) Policeman : Enforcement
83. to shutter : is closed -  
A) to explain : is understood            B) to estimate : is exact  
C) to believe : is correct                D) to permit : is forbidden
84. Deck : Fleet -  
A) Ruler : Country                        B) Roof : Neighborhood  
C) Clothespin : Laundry                D) Player : Team
85. Three women, Anju, Manju and Ranju, are sitting side by side on a bench, not necessarily in that order.  
One of the women is a singer, one is a teacher, and one is a pharmacist. The woman sitting to Manju's right is the teacher, and the woman sitting to Anju's right is the singer.  
What is Ranju's profession?  
A) She must be a singer.  
B) She is either a teacher or a singer.  
C) She is either a pharmacist or a teacher.  
D) She must be a pharmacist.
86. During the time that Amitabh was MD of a computer company, the company's profits decreased considerably. As a result, Amitabh's decision-making abilities were severely criticized. Coming to Amitabh's defense, Jaya pointed out several instances in which his decisions had produced positive results. In response, Anil, one of his critics, replied, "Even a broken clock show the correct time twice a day."  
In using this example, Anil was arguing that -  
A) There is no connection between the company's profits and Amitabh's decision-making abilities.  
B) The criticism directed at Amitabh may have been exaggerated.  
C) Even in those instances which Jaya cited, Amitabh's decisions had, in fact, produced negative results.  
D) A few successes do not prove the soundness of Amitabh's decision-making ability.
87. Rekha, Heena and Tanya each run in a timed cross-country race. Tanya starts her run at 10.00 am. Henna takes 5 minutes less than Rekha to complete the course. Rekha started her run 10 minutes before Tanya and finished at 10.20 am. Henna finished at 10.15 am.

If these statements are true, which of the following is true?

- A) Henna runs faster than Tanya.
- B) Rekha and Tanya take the same amount of time.
- C) Tanya is the last to finish.
- D) Henna and Rekha started at the same time.

**Instructions for Q-88 to Q-90:**

*In each question, there is a sentence (or sentences) with several parts missing, followed by four possible ways of completing the sentence. Complete each sentence, using the response that is most appropriate.*

88. Dead ends never \_\_\_\_\_ scientific progress. \_\_\_\_\_, they were always a factor that induced \_\_\_\_\_ researchers and thinkers to \_\_\_\_\_ the commonly held beliefs of their time, \_\_\_\_\_ a breakthrough.
- A) led to / Indeed / delve into / thus occasionally achieving
  - B) interfered with / Indeed / be satisfied with / while abandoning any attempt to achieve
  - C) furthered / On the contrary / cling to / thus often achieving
  - D) hindered / On the contrary / question / which enabled them to reach
89. Research shows that laws in biblical times were intended to solve \_\_\_\_\_ and not to prevent problems that \_\_\_\_\_. Thus, if the Bible contains a law that forbids looting, \_\_\_\_\_ that this \_\_\_\_\_ in those days.
- A) current problems / might arise in the future / it is unlikely / practice existed
  - B) commonplace problems / rarely occurred / it would be difficult to contend / was an everyday occurrence
  - C) problems of the future / were widespread / one should not rule out the possibility / was a deep-rooted practice
  - D) existing problems / might arise in the future / it would not be unreasonable to argue / was a widespread practice
90. \_\_\_\_\_ that the ability of penguins to survive even under extremely difficult climatic conditions \_\_\_\_\_ to their ability to survive under all types of environmental conditions. \_\_\_\_\_ the size of penguin population \_\_\_\_\_ following a deterioration in environmental conditions, such as a decrease in the quantity of fish available to them for food.
- A) There is truth in the claim / attests / This is in spite of the fact that / does not change
  - B) There is truth in the claim / does not attest / This is because / does not change
  - C) There is truth in the claim / does not attest / The proof of this is that / decreases considerably
  - D) It would be incorrect to claim / attests / The proof of this is that / decreases considerably

**Questions 91 – 93** are based on the following; choose the best answer from the answer choices given for each question.

On each weekday evening, Monday through Friday, for one week, a financial consulting firm is offering a class on investments. A pair of exactly two instructors – one experienced and other inexperienced – will be chosen to teach each evening. The available experienced instructors are S, T, and U. The available inexperienced



97. In case T and Z are the individuals serving on committee B, how many of the nine individuals should serve on committee C?  
A) 3 B) 4  
C) 5 D) 6
98. Of the nine individuals, the largest number that can serve together on committee C is  
A) 8 B) 7  
C) 6 D) 5
99. In case R is the only individual serving on committee B, which among the following should serve on committee A?  
A) V and U B) V and T  
C) U and S D) T and S
100. In case T, S and X are the only individuals serving on committee B, the total membership of committee C should be:  
A) Z and Y B) Z and W  
C) Y and V D) Y and U
101. Choose the correct alternative to fill in the blank:  
The \_\_\_\_\_ part of the film was not very interesting.  
A) Late B) Later  
C) Latter D) Latest
102. The principal promised not to punish him if he called spade a spade.  
The meaning of the phrase 'to call spade a spade' is \_\_\_\_\_.  
A) Pay money B) Flatter  
C) Call names D) Tell frankly
103. She was a very attractive girl.  
Choose the alternative giving an opposite of the underlined adjective:  
A) Bad B) Worse  
C) Repulsive D) Good
104. The audience applauded the dancer's performance.  
Choose the alternative changing the voice.  
A) The dancer's performance was applauded by the audience.  
B) The dancer's performance applauded the audience.  
C) The audience would applaud the dancer's performance.  
D) The dancer's performance has applauded by the audience.
105. She felt bad about being rude to her teachers.  
Choose the option indicating meaning of the underlined words:  
A) Repressed B) regretted  
C) forgot D) encouraged
106. The closer we got to the waterfall, \_\_\_\_\_.  
Choose the correct option:  
A) the louder was the noise B) the noise was louder  
C) the louder the noise was D) the noise was the louder



112. Which of the following statements is false in context of the given passage?  
A) The diversity of plant life is essential for human existence.  
B) Scientists know the usefulness of most plant species.  
C) Chemicals for cancer treatment are available from plants.  
D) There are around ten times the plant species undiscovered as compared to the discovered ones.
113. "The folly our descendants are least likely to forgive us"- what is the business equivalent of the folly the author is referring to?  
A) Putting interest on capital back into the business.  
B) Not pumping some money out of profits into the business.  
C) Reducing the profit margin.  
D) Eroding the capital base of the business.
114. Which of following correctly reflects the opinion of the author to take care of hunger in the world?  
A) Increase the potential of the uncultivated edible plants.  
B) Increase the number of edible plants being cultivated.  
C) Increase cultivation of the 150 species presently under cultivation.  
D) Increase the cultivation of medical plants.
115. Which of the following is mentioned as the immediate cause for the destruction of plant species?  
A) Soil erosion  
B) Destruction of habitat  
C) Cultivation  
D) Agricultural practices

**Directions for Questions 116-118:**

Choose the word which is nearly same in meaning of the given word as used in the passage above.

116. WASTED  
A) Consumed  
B) Squandered  
C) Unutilized  
D) Unprofitable
117. TRIGGERS  
A) Causes  
B) Starts  
C) Makes  
D) Results
118. WORTH  
A) Purchase  
B) Deserving  
C) Cost  
D) Sell

**Directions for Questions 119-120:**

Choose the word which is nearly opposite in meaning to the given word as used in the passage above.

119. CUTTING  
A) Uniting  
B) Increasing  
C) Joining  
D) Mending
120. GUARD  
A) Release  
B) Demolish  
C) Relieve  
D) Protect

## Answer Key of MET-2014 [Questions 1 - 120]

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