

Central Bank of India PO

(Based on memory)

Test-I: Reasoning Ability

Directions (Q. 1-5): These questions are based on the position of English alphabets.

- If CGKQW is one sequence following a logic, and another five-letter sequence following similar type of logic is BFJPV, then one more variation of this type can be
1) CFKNT 2) DHLRX 3) VPJFB
4) Cannot be determined 5) None of these
- If LMN is to ZYX and EFG is to DCB, then RST is to
1) WVU 2) QPO 3) KJI
4) Cannot be determined 5) None of these
- Which of the following has the same relationship as that of JL : KM?
1) RT : UV 2) EF : GH 3) CE : DB
4) Cannot be determined 5) None of these
- Four of the following five are alike in a certain way and so form a group. Which is the one that **does** not belong to the group?
1) LOJ 2) FID 3) RUP 4) ILN 5) CFA
- Which of the following will be the next letter in the following letter series?
B C E H L ?
1) Q 2) P 3) O
4) Cannot be determined 5) None of these

Directions (Q. 6-15): In each question below are either two or three statements followed by two conclusions I and II. You have to take the two or three given statements to be true and then decide which of the given conclusions logically follows from the two/three given statements, disregarding the commonly known facts. Give answer

- If only conclusion I follows.
2) If only conclusion II follows.
3) If either conclusion I or II follows.
4) If neither conclusion I nor II follows.
5) If both conclusions I and II follows.
- Statements:** No table is wood.
Some woods are chairs.
All chairs are stones.
Conclusions: I. No stone is table.
II. Some stones are woods.
- Statements:** All letters are black.
All black are blue.
No blue is green.
Conclusions : I. No letter is green.
II. Most blue are black.
- Statements:** Some fruits are mangoes.
Some mangoes are red.
All red are vegetables.
Conclusions: I. No fruit is red.
II. Some fruits are red.
- Statements:** Some eyes are ears.
Some ears are hands.
Conclusions: I. No hand is an eye.
II. Some eyes are hands.
- Statements:** Some books are pens.
Some pens are pencils.
Some pencils are buttons.
Conclusions: I. Some buttons are pens.
II. Some pencils are books.
- Statements:** Some caps are shirts.
All shirts are papers.
Conclusions: I. All shirts which are caps are papers.
II. Some shirts are caps.
- Statements:** 10% shoes are chappals.
5% chappals are papers.
99% papers are pens.
Conclusions: I. Some shoes are papers.
II. Some shoes are pens.
- Statements:** All A are Z. All Z are X. All Y are A.
Conclusions: I. All A are Y. **II.** All Y are X.
- Statements :** Some water is cold.
No cold is milk.
Some milk is water.
Conclusions : I. Some water that is cold is milk.
II. Some milk that is water is cold.
- Statements :** Some waste is white.
Some white is water.
Some water is waste.
Conclusions: I. Some waste which is white is water.
II. Some water is neither waste nor white.
- 'Nail' is related to 'Nail-cutter' in the same way as 'Hair' is related to _____ .
1) Oil 2) Comb 3) Scissors
4) Haircut 5) Colour
- Madhu said, 'My mother's only son Ashok has no son'. Which of the following can be concluded?
1) Ashok has only daughters. 2) Ashok is not married
3) Ashok does not have a father.
4) Ashok has only one sister. 5) None of these
- Which of the following must be there to call something a "Song"?
1) Musical Instruments 2) Classical Singer
3) Words 4) Film 5) Drama
- Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
1) Brother 2) Grandfather 3) Mother
4) Grandmother 5) Father

20. Four of the following five pairs are alike in a certain way and so form a group. Which is the one that **does not** belong to that group?
- 1) RICE : ECIR 2) WINGS : SGNIW
 3) SMART : RTSMA 4) COUSIN : SINCOU
 5) BRAKE : AKRFB

Directions (Q. 21-25): Study the following information to answer the given questions:

- (a) Six plays are to be organised from Monday to Sunday—one play each day with one day when there is no play. 'No play' day is not Monday or Sunday.
 (b) The plays are held in sets of 3 plays each in such a way that 3 plays are held without any break, ie 3 plays are held in such a way that there is no 'No play' day between them but immediately before this set or immediately after this set it is 'No play' day.
 (c) Play Z was held on 26th and play X was held on 31st of the same month.
 (d) Play B was not held immediately after play A (but was held after A, not necessarily immediately) and play M was held immediately before Q.
 (e) All the six plays were held in the same month.
21. Which play was organised on Monday?
 1) Z 2) M 3) Q
 4) Cannot be determined 5) None of these
22. Which day was play Z organised?
 1) Tuesday 2) Monday 3) Wednesday
 4) Cannot be determined 5) None of these
23. Which date was a 'No play' day?
 1) 26th 2) 28th 3) 29th
 4) Cannot be determined 5) None of these
24. Which of the following is true?
 1) Play B is held immediately before play M.
 2) Play Z is held after play B.
 3) There was a gap after 2 plays and then 4 plays were organised.
 4) First play was organised on the 25th.
 5) Play B was held on Friday.
25. Which day was play Q organised?
 1) Friday 2) Wednesday 3) Saturday
 4) Cannot be determined 5) None of these

Directions (Q. 26-30): Study the following information to answer the given questions:

- (i) In a family of 6 persons, there are two couples.
 (ii) The Lawyer is the head of the family and has only two sons — Mukesh and Rakesh—both Teachers.
 (iii) Mrs. Reena and her mother-in-law both are Lawyers.
 (iv) Mukesh's wife is a Doctor and they have a son, Ajay.
26. Which of the following is definitely a couple?
 1) Lawyer-Teacher 2) Doctor-Lawyer
 3) Teacher-Teacher 4) Cannot be determined
 5) None of these
27. What is the profession of Rakesh's wife ?
 1) Teacher 2) Doctor
 3) Lawyer 4) Cannot be determined
 5) None of these

28. How many male members are there in the family?
 1) Two 2) Three 3) Four
 4) Cannot be determined 5) None of these
29. What is/was Ajay's Grandfather's occupation?
 1) Teacher 2) Lawyer 3) Doctor
 4) Cannot be determined 5) None of these
30. What is the profession of Ajay?
 1) Teacher 2) Lawyer 3) Doctor
 4) Cannot be determined 5) None of these

Directions (Q. 31-35): In each question below is given a statement followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

- Give answer 1) if only assumption I is implicit.
 Give answer 2) if only assumption II is implicit.
 Give answer 3) if either assumption I or II is implicit.
 Give answer 4) if neither assumption I nor II is implicit.
 Give answer 5) if both assumptions I and II are implicit.
31. **Statement:** Please send an official letter rather than semiofficial on this subject this time.
Assumptions : I. The format and emphasis of different types of letters is different.
II. We can send different types of letters on the same subject.
32. **Statement:** Please check the availability of two tickets from Delhi to Lucknow.
Assumptions: I. The person checking knows the desired mode of travel.
II. The person checking knows the details of the person travelling.
33. **Statement:** If you want to increase your writing speed, use 0.7 pen.
Assumptions: I. There are different types of pen available.
II. The person being told understands what is 0.7 pen.
34. **Statement:** In order to build more space, extra FSI needs to be bought.
Assumptions: I. The person being told does not know the meaning of FSI.
II. More space will reduce the construction cost.
35. **Statement:** Let there be a signboard also indicating the directions and instructions.
Assumptions: I. Signboard can be prepared without using any language.
II. Signboard is the only effective tool to indicate directions.
- Directions (Q. 36-40): Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and**
- Give answer 1) if the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer**

the question.

Give answer 2) if the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.

Give answer 3) if the data either in statement I alone or in statement II alone is sufficient to answer the question.

Give answer 4) if the data in both the statements I and II together are not sufficient to answer the question.

Give answer 5) if the data in both the statements I and II together are necessary to answer the question.

36. On which day was Yasir born?
(His date of birth is February 29.)
I He was born between year 2005 and 2011.
II He will complete 4 years on February 29, 2012.
37. Out of 64 students, 38 play both chess and cricket. How many students play only chess?
I Out of 64 students, 22 students don't play any game. 4 students play only cricket.
II Out of 64 students, 20 are girls and 10 of them don't play any game.
38. What is the total number of students in the school?
I The ratio of girls to boys is 2 : 3.
II The number of students has grown by 5% this year as compared to 4% last year from the number 2000, which it was year before last.
39. Who among the six of them is the tallest if Geetha is taller than Shilpa and Deepa is taller than Meeta? (Sunita and Sadhana are the other two).
I Sadhana is taller than Sunita.
II Sadhana is taller than Shilpa and Meeta as well as Deepa.
40. On which date is Amit's birthday in September 2010?
I Last year his birthday was on the last Thursday of the month in September 2009.
II This year his birthday will be on the last Friday of the month in September 2010.

Directions (Q. 41-45): Study the following information to answer the given questions.

- (i) There are 8 friends A, B, C, D, E, F, G, H seated in a circle facing the centre.
(ii) AC, DG, HE and FB are seated adjacent to each other. A is also seated adjacent to H.
(iii) B is 2nd to the right of H.
(iv) E is 3rd to the right of C.
41. Who is 2nd to the left of A?
1) D 2) G 3) F
4) Cannot be determined 5) None of these
42. Who is 3rd to the left of C?
1) G 2) D 3) B
4) Cannot be determined 5) None of these
43. What is C's position with reference to E?
1) 5th to the right 2) 4th to the left 3) 4th to the right

4) 3rd to the right 5) Cannot be determined

44. Who is 2nd to the right of A?
1) B 2) E 3) F
4) Cannot be determined 5) None of these
45. Who among the following pairs may not be seated adjacent to each other?
1) AH 2) DC 3) EB
4) Cannot be determined 5) None of these

Directions (Q. 46-50): Below is given a passage followed by several possible inferences which can be drawn from the facts stated in the passage. You have to examine each inference separately in the context of the passage and decide upon its degree of truth or falsity.

Mark answer 1) if the inference is "definitely true" ie it properly follows from the statement of facts given.

Mark answer 2) if the inference is "probably true" though not "definitely true" in the light of the facts given.

Mark answer 3) if the data are inadequate ie, from the facts given you cannot say whether the inference is likely to be true or false.

Mark answer 4) if the inference is "probably false" though not "definitely false" in the light of the facts given.

Mark answer 5) if the inference is "definitely false", ie it cannot possibly be drawn from the facts given or it contradicts the given facts.

(Note: Each of the five questions has only one distinct answer, ie no two questions can have the same answer. If you get same answer for more than one question, consider both again and decide which one of the two would more definitely be that answer and same way review the other also.)

The first time I saw *The Wizard of Oz*, the story bewitched me. The second time I saw *The Wizard of Oz*, the special effects amazed me. The third time I saw *The Wizard of Oz*, the photography dazzled me. Have you ever seen a movie twice, three times? You notice subtleties and hear sounds you completely missed the first time around.

It's the same on the phone. Because your business conversations are more consequential than movies, you should listen to them two, maybe three times. Often, we have no clear idea of what *really* happened in our phone conversation until we hear it again. You'll find shadings more significant than the colour of Toto's collar- and more scarecrows than you imagined who 'haven't got a brain!'

How do you listen to your important business conversations again? Simply legally and ethically tape-record them. I call the technique of recording and analysing your business conversations for subtleties *Instant Replay*.

46. The movie '*The Wizard of Oz*' will help improve business conversation.
47. For most, if they watch a movie more than once, different aspects in different order, like special effects, photography, story, music etc would impress in a better way.
48. The tips are given for understanding business conversation.

49. The advice is being given to the sales team.
 50. The author watches most movies more than twice.

Directions (Q. 51-55): In these questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions.

- Mark answer if**
- 1) Only conclusion I follows.
 - 2) Only conclusion II follows.
 - 3) Either conclusion I or II follows.
 - 4) Neither conclusion I nor II follows.
 - 5) Both conclusions I and II follow.

51. **Statement:** $N = P, P < F, F > L, L = K$

Conclusions: I. $F = K$ **II.** $F > K$

52. **Statement:** $Z > T, T < M, M < J$

Conclusions: I. $T < J$ **II.** $J < Z$

53. **Statements:** $Q = Z, C \geq G, G \geq Q, Q \geq R$

Conclusions: I. $G \geq Z$ **II.** $C \geq R$

54. **Statement:** $A > B > C, D > E > F, D > C$

Conclusions: I. $E > C$ **II.** $F > B$

55. **Statement:** $K < L, K > M, M \geq N, N > O$

Conclusions: I. $O < M$ **II.** $O < K$

Directions (Q. 56-60): Study the following information, carefully to answer the given questions.

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement steps:

Input: why is 25 bigger than 14 but smaller than 32

Step I: than 14 why is 25 bigger but smaller than 32

Step II: than 14 is 25 why bigger but smaller than 32

Step III: than 14 is 25 than 32 why bigger but smaller

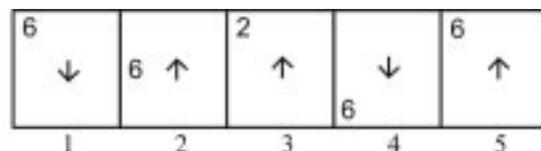
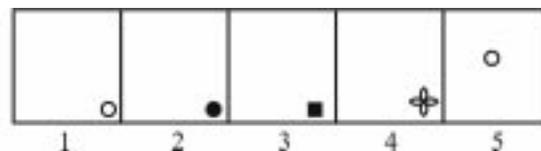
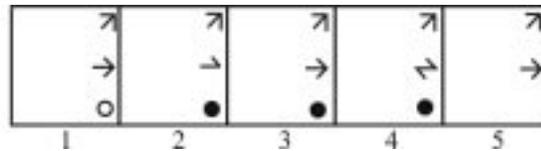
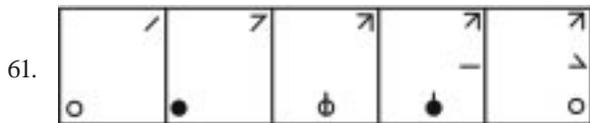
Step IV: than 14 is 25 than 32 why smaller bigger but

Step V: than 14 is 25 than 32 why smaller but bigger

Directions (Q. 61-75): In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?

Problem Figures

Answer Figures



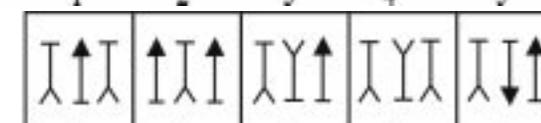
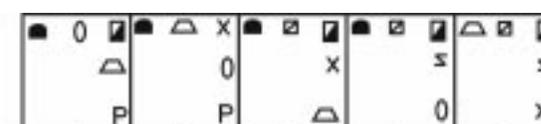
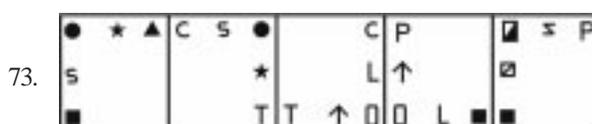
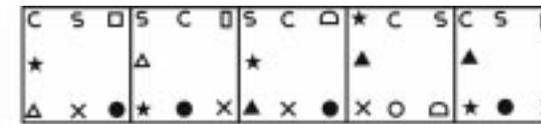
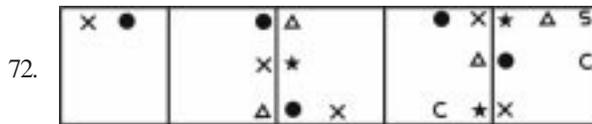
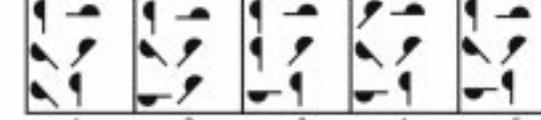
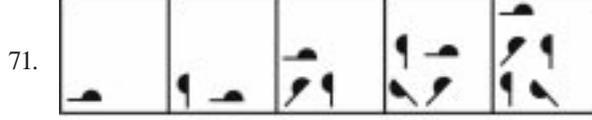
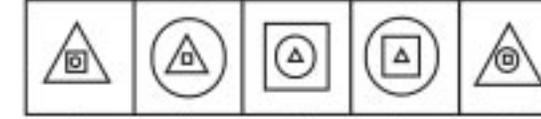
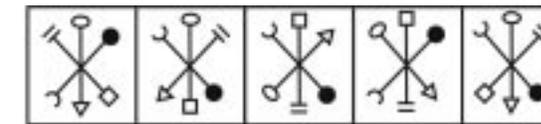
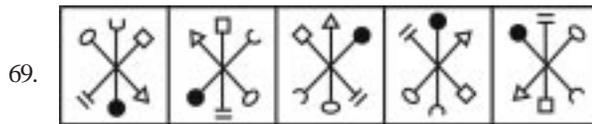
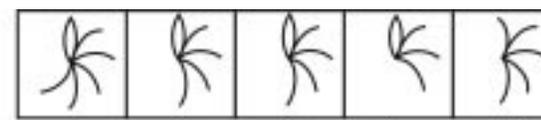
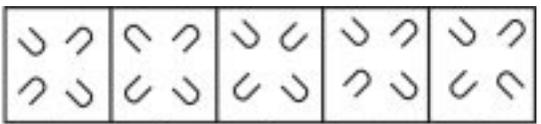
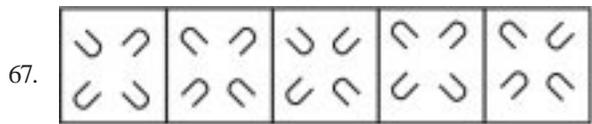
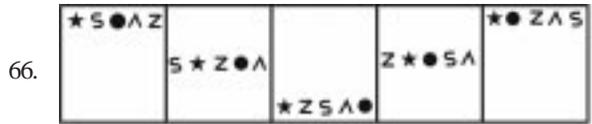
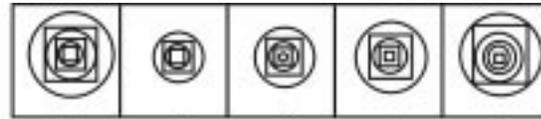
and Step V is the last step of the rearrangement of the above input as the intended rearrangement is obtained.

As per the rules followed in the above steps, indicate the answer in each of the following questions with respect to the appropriate step for the given input;

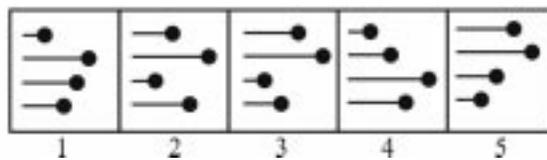
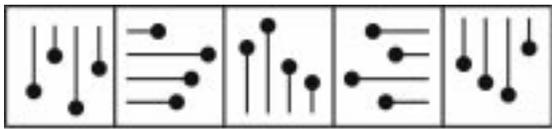
Input for the questions

any number less than 30 and more than 20 does not equal 40

56. Which step number would be the following output?
 than 20 any number less than 30 and more does not equal 40
 1) III 2) IV 3) V 4) VI 5) None of these
57. How many steps would be needed to complete the arrangement?
 1) X 2) VIII 3) IX 4) VII 5) None of these
58. Which of the following would be Step IV?
 1) than 20 than 30 equal 40 any number less and more does not
 2) than 20 any number less than 30 and more does not equal 40
 3) 20 30 40 than equal number any less and more does not
 4) 20 than 30 than 40 equal number any less and more does not
 5) None of these
59. Which of the following would be Step II?
 1) 20 than 30 than any number less and more does not equal 40
 2) than 20 than 30 equal 40 any numberless and more does not
 3) than 20 than 30 any number less and more does not equal 40
 4) than 20 than 30 any number less and more does not 40 equal
 5) None of these
60. Which word/number would be on the 8th position from left side in Step V?
 1) any 2) not 3) 40 4) number 5) None of these



75.



Test-II: Quantitative Aptitude

Directions (Q. 76-80): What should come in place of the question mark (?) in the following questions?

76. $475 + 64\%$ of $950 = 900 + ?$
 1) 183 2) 233 3) 1983
 4) 1863 5) None of these
77. $(0.064) \times (0.4)^7 = (0.4)^? \times (0.0256)^2$
 1) 17 2) 2 3) 18
 4) 3 5) None of these
78. $534.596 + 61.472 - 496.708 = ? + 27.271$
 1) 126 : 631 2) 62 : 069 3) 72.089
 4) 132.788 5) None of these
79. $16 \times 12 - 672 \div 21 = ? - 211$
 1) 381 2) 347 3) 372
 4) 311 5) None of these
80. $(\sqrt{5} - 2)^2 = ? - \sqrt{80}$
 1) $4\sqrt{5} + 4$ 2) $4\sqrt{5}$ 3) $9 - 4\sqrt{5}$
 4) 9 5) None of these

Directions (Q. 81-85): What approximate value will come in place of question mark (?) in the following questions?

(You are not expected to calculate the exact value)

81. $9228.789 - 5021.832 + 1496.989 = ?$
 1) 6500 2) 6000 3) 6300
 4) 5700 5) 5100
82. $1002 \div 49 \times 99 - 1299 = ?$
 1) 700 2) 600 3) 900
 4) 250 5) 400
83. 29.8% of 260 + 60.01% of 510 - $103.57 = ?$
 1) 450 2) 320 3) 210
 4) 280 5) 350
84. $(21.98)^2 - (25.02)^2 + (13.03)^2 = ?$
 1) 25 2) 120 3) 10
 4) 65 5) 140
85. $\sqrt{2498} \times \sqrt{626} \div \sqrt{99} = ?$
 1) 110 2) 90 3) 200
 4) 160 5) 125

Directions (Q. 86-90): What will come in place of question mark (?) in the following number series?

86. 7 20 46 98 202 (?)
 1) 420 2) 410 3) 310
 4) 320 5) None of these
87. 210 209 213 186 202 (?)
 1) 138 2) 77 3) 177 4) 327 5) None of these

88. 27 38 71 126 203 (?)
 1) 212 2) 202 3) 301
 4) 312 5) None of these
89. 435 354 282 219 165 (?)
 1) 103 2) 112 3) 120
 4) 130 5) None of these
90. 4 200 369 513 634 (?)
 1) 788 2) 715 3) 734
 4) 755 5) None of these

91. The angles of a quadrilateral are in the ratio of 2 : 4 : 7 : 5. The smallest angle of the quadrilateral is equal to the smallest angle of a triangle. One of the angles of the triangle is twice the smallest angle of the triangle. What is the second largest angle of the triangle?
 1) 80° 2) 60° 3) 120°
 4) Cannot be determined 5) None of these
92. A shopkeeper sells notebooks at the rate of Rs 457 each and earns a commission of 4%. He also sells pencil boxes at the rate of Rs 80 each and earns a commission of 20%. How much amount of commission will he earn in two weeks if he sells 10 notebooks and 6 pencil boxes a day?
 1) Rs 1,956 2) Rs 1,586 3) Rs 1,496
 4) Rs 1,596 5) None of these
93. Train A crosses a stationary Train B in 50 seconds and a pole in 20 seconds with the same speed. The length of the Train A is 240 metres. What is the length of the stationary Train B?
 1) 360 metres 2) 260 metres 3) 300 metres
 4) Cannot be determined 5) None of these
94. In a test, minimum passing percentage for girls and boys is 35% and 40% respectively. A boy scored 483 marks and failed by 117 marks. What is the minimum passing marks for girls?
 1) 425 2) 520 3) 500
 4) 625 5) None of these
95. Twelve per cent of Kaushal's monthly salary is equal to sixteen per cent of Nandini's monthly salary. Suresh's monthly salary is half that of Nandini's monthly salary. If Suresh's annual salary is Rs 1.08 lacs, what is Kaushal's monthly salary?
 1) Rs 20,000 2) Rs 18,000 3) Rs 26,000
 4) Rs 24,000 5) None of these
96. 8 men can complete a piece of work in 20 days. 8 women can complete the same work in 32 days. In how many days will 5 men and 8 women together complete the same work?
 1) 16 days 2) 12 days 3) 14 days
 4) 10 days 5) None of these

97. The area of a square is 1024 sq cm. What is the ratio of the length to the breadth of a rectangle whose length is twice the side of the square and breadth is 12 cm less than the side of this square?
 1) 5 : 18 2) 16 : 7 3) 14 : 5
 4) 32 : 5 5) None of these
98. The sum of five consecutive even numbers of set A is 220. What is the sum of a different set of five consecutive numbers whose second lowest number is 37 less than double of the lowest number of set A?
 1) 223 2) 225 3) 235
 4) 243 5) None of these
99. The bus fare for one person is Rs 420 from Agra to Aligarh and the train fare between the same places for one person is equal to three-fourths the bus fare for two persons between the same places. What is the total fare paid by 3 persons travelling by bus and 4 persons travelling by train between the two places?
 1) Rs 3,360 2) Rs 3,460 3) Rs 3440
 4) Rs 3.406 5) None of these
100. The ratio of the speeds of a car, a jeep and a tractor is 3 : 5 : 2. The speed of the jeep is 250 per cent the speed of the tractor, which covers 360 km in 12 hours. What is the average speed of car and jeep together?
 1) 60 km/hr 2) 75 km/hr 3) 40 km/hr
 4) Cannot be determined 5) None of these

Directions (Q. 101-105): In the following questions two equations numbered I and II are given. You have to solve both the equations and

Give answer	If
1)	$x > y$
2)	$x \geq y$
3)	$x < y$
4)	$x \leq y$
5)	$x = y$

or the relationship cannot be established

101. I. $5x^2 - 18x + 9 = 0$ II. $20y^2 - 13y + 2 = 0$
 102. I. $x^3 - 878 = 453$
 II. $y^2 - 82 = 39$
 103. I. $\frac{3}{\sqrt{x}} + \frac{4}{\sqrt{x}} = \sqrt{x}$
 II. $y^2 = \frac{(7)^{\frac{5}{2}}}{\sqrt{y}} = 0$
 104. I. $9x - 15.45 = 54.55 + 4x$
 II. $\sqrt{y+155} - \sqrt{36} = \sqrt{49}$
 105. I. $x^2 + 11x + 30 = 0$
 II. $y^2 + 7y + 12 = 0$

Directions (Q. 106-110): Study the following table carefully to answer the questions that follow:
Number of students (in thousands) passed out from five

different colleges during six different years

Year	Colleges				
	P	Q	R	S	T
2005	9.3	9.6	8.7	10.4	9.8
2006	7.2	10.4	6.2	12.6	13.7
2007	10.4	12.6	9.8	9.8	14.9
2008	11.4	16.9	11.3	15.4	16.3
2009	13.4	19.3	7.8	13.4	11.8
2010	12.7	18.7	13.7	16.7	15.7

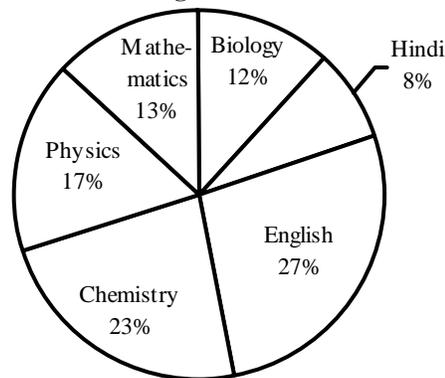
106. What was the ratio of the number of students passed out from College P in the year 2008 to the number of students passed out from College S in the year 2006 ?
 1) 38 : 41 2) 23 : 29 3) 19 : 21
 4) 17 : 21 5) None of these
107. The number of students passed out from College R in the year 2008 was **approximately** what percentage of the total number of students passed out from College T in the years 2006, 2007 and 2009 together?
 1) 20 2) 33 3) 24 4) 38 5) 28
108. What was the average number of students passed out from all the colleges together in the year 2007?
 1) 13,500 2) 57,500 3) 1.15 thousand
 4) 11,500 5) None of these
109. In which college was the number of students passed out in the year 2008 the second highest?
 1) Q 2) P 3) T 4) S 5) R
110. In which college did the number of students passed out continuously increase during the year 2005 to 2010?
 1) Only R and T 2) Only Q 3) Only P
 4) Only Q and T 5) None of these

Directions (Q. 111-115): Study the following pie-chart carefully to answer these questions.

Percentage-wise Distribution of teachers who teach six different subjects

Total number of Teachers = 1800

Percentage of teachers



111. If two-ninths of the teachers who teach Physics are female, then the number of male Physics teachers is **approximately** what percentage of the total number of

teachers who teach Chemistry?

- 1) 57 2) 42 3) 63 4) 69 5) 51

112. What is the total number of teachers teaching Chemistry, English and Biology?

- 1) 1,226 2) 1,116 3) 1,176 4) 998 5) None of these

113. What is the difference between the total number of teachers who teach English and Physics together and the total number of teachers who teach Mathematics and Biology together?

- 1) 352 2) 342 3) 643 4) 653 5) None of these

114. What is the ratio of the number of teachers who teach Mathematics to the number of teachers who teach Hindi?

- 1) 13 : 7 2) 7 : 13 3) 7 : 26

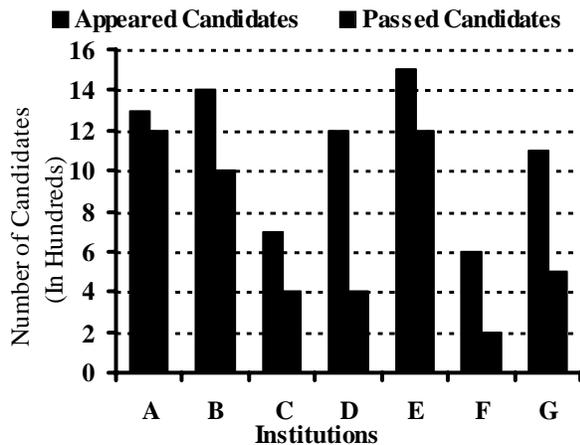
- 4) 8 : 15 5) None of these

115. If the percentage of Mathematics teachers is increased by 50 per cent and the percentage of Hindi teachers decreased by 25 per cent then what will be the total number of Mathematics and Hindi teachers together?

- 1) 390 2) 379 3) 459 4) 480 5) None of these

Directions (Q. 116-120): Study the following graph and answer the questions that follow.

Number of Appeared Candidates and Passed Candidates (in hundreds) in a test from seven different Institutions



116. What is the difference between the number of candidates appeared from institutions B, C, D and F together and candidates passed from institutions A, E and G together?

- 1) 100 2) 900 3) 1,000

- 4) 540 5) None of these

117. What is the average number of candidates passed from all the institutions together?

- 1) 700 2) 490 3) 350

- 4) 675 5) None of these

118. The number of candidates passed from institutions C and E together is **approximately** what percentage of the total number of candidates appeared from institutions A and G together?

- 1) 72 2) 62 3) 54

- 4) 75 5) 67

119. From which institution is the difference between the appeared candidates and passed candidates the maximum?

- 1) B 2) G 3) D

- 4) F 5) None of these

120. What is the ratio of the number of candidates who have failed from Institution B to the number of candidates who have appeared from institution F?

- 1) 2 : 5 2) 2 : 3 3) 4 : 3

- 4) 1 : 3 5) None of these

Directions (Q. 121-125): Study the following information carefully to answer the questions that follow:

A company produces 4 different products, viz AC, fans, refrigerators and ovens, each product of two different qualities ie, Quality A and Quality B. The company produces a total of 500 products. One-fifth of total number of products are fans, out of which 35% are of Quality B. Fifteen percent of the total number of products are AC. Two-thirds of the ACs are of Quality A. Twentyfive per cent of the total number of products are refrigerators, out of which 40 are of quality B. Ten per cent of the number of ovens are of Quality B.

121. What is the total number of AC and ovens of Quality B and fans and refrigerators of Quality A together made by the company?

- 1) 165 2) 205 3) 155

- 4) 185 5) None of these

122. What is the average number of products of Quality A made by the company?

- 1) 90 2) 75 3) 80 4) 95 5) None of these

123. What is the ratio of the number of ovens of Quality B to the number of fans of Quality A?

- 1) 5 : 2 2) 4 : 13 3) 5 : 13 4) 4 : 9 5) None of these

124. What is the difference between the number of ACs of Quality A and Quality B?

- 1) 25 2) 50 3) 35

- 4) 40 5) None of these

125. The number of refrigerators of Quality A is **approximately** what percentage of the total number of ovens (both Quality A and B together)?

- 1) 39 2) 31 3) 35

- 4) 43 5) 49

Test-III: General Awareness

126. 'Equity schemes managed strong NAV gains, which boost their assets' was a news in some financial newspapers. What is the full form of the term NAV as used in above head lines?

- 1) Nil Accounting Variation

- 2) Net Accounting Venture 3) Net Asset Value

- 4) New Asset Venture 5) None of these

127. As per reports published in various newspapers, mutual fund companies showed 94 per cent growth in their total profits during 2009-10. This means the profits earned by

these companies were 94 per cent

- 1) in their **total investments** they made collectively during the year
 - 2) more than their **profits** during previous year
 - 3) of the total **capital** of the company
 - 4) less than the **total expenditure** of the companies
 - 5) None of these
128. As per the news published in various newspapers, Pakistan has imposed 15 per cent regulatory duty on exports of cotton yarn. Why are countries required to impose regulatory duties on exports of some of their commodities while in the eyes of the layman more exports means more foreign exchange and more revenue for the Govt?
- (A) It is done to control the exports of a commodity as it may be needed more in local markets than in foreign countries.
- (B) It is done to control the general inflation in the country as the inordinate exports of various commodities create imbalance and also cost-push inflation.
- (C) It is a good short-time measure to collect more revenue from the exports of the commodity which is in high demand in overseas markets.
- 1) Only A 2) Only B 3) Only C
 - 4) All A, B & C 5) None of these
129. As per the reports published in some major news papers "ADAG companies" made good profits during the year. ADAG companies are popularly known as
- 1) Companies owned by Tata Group
 - 2) Aditya Birla Companies 3) Reliance Companies
 - 4) Companies owned by Aptech 5) None of these
130. 'ONGC-Mittal Energy finds hydrocarbons in two blocks OPL-279 & OPL-285 in Nigerian sea' was the news in some major news papers. What is the full form of the term OPL as used in the above headline?
- 1) Oil Prospecting Licence
 - 2) Ownership & Partnership Lease
 - 3) Overseas Private Line
 - 4) ONGC Petroleum Ltd
 - 5) None of these
131. "Mutual Funds reported exceptional performance in 2009-10" was the news in major financial news papers recently. What is a mutual fund?
- A.** A type of collective investment scheme that pools money from many investors and invests it in stocks, bonds or other money market instruments.
- B.** It is a subsidiary of a bank or financial company created specially to raise money to be invested in a particular industry, ie housing or insurance etc. The money raised thus cannot be invested anywhere else.
- C.** When several banks and financial companies come together and create a common pool of money to fund mega infrastructural project like bridges, roads, power plants etc, the common pool is known as Mutual Fund.
- 1) Only A 2) Only B 3) Only C
 - 4) All A, B & C 5) None of these
132. As we all know the Bank Rate at present is fixed at 6%. What does it mean in context of the banking operations?
- 1) No bank will be able to give loan to any party on a rate lower than the Bank Rate.
 - 2) Banks should give loan to their priority sector customers/borrowers at the rate of 6% only. They cannot charge less or more than this from their priority sector clients.
 - 3) Banks are required to invest 6% of their total capital on financial inclusion and inclusive banking operations.
 - 4) Banks will be required to give 6% of their total deposits to the Govt of India for meeting its Balance of Trade requirements.
 - 5) None of these
133. As per the reports in various newspapers many private companies are trying to obtain the licences to launch a banking company in India. Which of the following organisations/agencies issue the licence for the same?
- 1) Securities & Exchange Board of India (SEBI)
 - 2) Indian Institute of Banking & Finance (IIBF)
 - 3) Indian Banks' Association
 - 4) Registrar of Companies 5) None of these
134. We very frequently read about Europe's sovereign debt crisis these days. Which of the following statements/is/are true about the same?
- A.** In early 2010 the Euro crisis developed in some countries like Greece, Spain and Portugal.
- B.** This created a credit default swap between the countries of the European Union.
- C.** SAARC countries have offered some assistance to some of the severely affected countries like Portugal, Spain and Greece.
- 1) Only A 2) Only B 3) Only A & B
 - 4) All A, B & C 5) None of these
135. As we all know, the RBI raised the Cash Reserve Ratio (CRR) by 25 bps in April 2010. What action will banks will have to take to implement the same?
- A.** They will have to deposit some more money with the RBI as reserved money.
- B.** Banks will be required to give some more loan to projects of the priority sector.
- C.** Banks will be required to give loan equivalent to the CRR to the Govt of India for its day-to-day expenditure as and when required.
- 1) Only A 2) Only B 3) Only C
 - 4) Only A & B 5) All A, B & C
136. As per estimates given by the RBI, the Economic Growth during the year 2010-11 will be at which of the following

- levels?
 1) 6.5% 2) 7% 3) 7.5% 4) 8% 5) None of these
137. Which of the following is/are correct about the RBI's credit policy announced in April 2010?
 (A) Repo rate raised by 25 bps
 (B) A new reporting platform was introduced for secondary market transactions in Certificates of Deposits (CDs) and Commercial Papers. (CPs).
 (C) Core Investment Companies (CICs) having an asset size of Rs 100 crore are required to register also with the RBI.
 1) Only A 2) Only B 3) Only C
 4) All A, B & C 5) None of these
138. As per the announcement made by the RBI, some Stock Exchanges in India are allowed to introduce Plain Vanilla Currency Options. The term Plain Vanilla Currency Options is associated with which of the following activities/operations?
 1) Dollar-Rupee Exchange Rate
 2) Floating of Commercial Papers
 3) Launch of new mutual funds
 4) Deciding the opening price of a share on a particular business day
 5) None of these
140. The process of "Artificial Application of Water to the soil usually for assisting in growing crops" is technically known as
 1) water harvesting 2) irrigation
 3) water recharging 4) percolation 5) none of these
141. As per the news published in major newspapers/journals henceforth the Credit Card holders will be able to access their credit card information through automated interactive voice response system over the phone instead of speaking to the staff. This decision of the banks/credit card companies will provide
 A. an additional hurdle to the customers as people feel comfortable in talking to the staff instead of talking to a machine.
 B. an additional security to the customers as this does not allow any staff to handle any transaction directly.
 C. some comfort to the banks as they will be able to reduce their staff strength.
 1) Only A 2) Only B 3) Only C
 4) All A, B & C 5) Only A & C
142. The 34th National Games, which were postponed several times, are scheduled to be held in which of the following states?
 1) Gujarat 2) Kerala 3) Tamil Nadu
 4) Uttar Pradesh 5) Jharkhand
143. Waste Water generates which of the following gases which is more powerful and dangerous than CO₂?
 1) Nitrogen 2) Sulphur dioxide
 3) Hydrogen 4) Methane 5) None of these
144. Which of the following days was observed as World Water Day 2010?
 1) 20th June 2) 22nd July 3) 22nd March
 4) 20th May 5) None of these
145. Late Vinda Karandikar, who died a few months back, was a famous
 1) Author 2) Cine-Actor 3) Sportsman
 4) Social worker 5) None of these
146. As per the reports published recently, the Govt of India has decided to create a separate agency/body to scrutinise all Foreign Direct Investments (FDIs) officially. Uptil now the security screening was being done by the
 1) Ministry of Foreign Affairs, Govt of India
 2) Reserve Bank of India
 3) Securities & Exchange Board of India
 4) Ministry of Finance, Govt of India
 5) Ministry of Home Affairs, Govt of India
147. As per the news reports in various newspapers, the USA has outlined some major policy goals to prevent the danger of nuclear terrorism. Which of the following is/are included in those policy goals?
 (A) Convene a nuclear security summit within a year's time under the leadership of the USA.
 (B) A new agreement/pact should be introduced in place of the present Nuclear Non Proliferation Treaty (NPT).
 (C) Call for a global effort to secure all nuclear weapons at all vulnerable sites all over the world.
 1) Only A 2) Only B 3) Only A & C
 4) Only B & C 5) All A, B & C
148. "Indira Gandhi Canal", which is around 450 km long, provides irrigation facility mainly to which of the following states?
 1) Punjab 2) Haryana 3) Madhya Pradesh
 4) Gujarat 5) Rajasthan
149. Former captain of the Indian Cricket team, Ajit Wadekar, has been conferred which of the following awards for the year 2010?
 1) Bharat Ratna 2) Khel Shri Award
 3) Dronacharya Award
 4) Rajiv Gandhi Khel Ratna Award 5) None of these
150. Who amongst the following is the director of the popular Hindi film "Oye Lucky ! Lucky Oye"?
 1) Mani Ratnam 2) David Dhavan
 3) Dibakar Banerjee 4) R Balakrishnan
 5) None of these
151. India recently signed an agreement to import Liquefied Natural Gas (LNG) from a country which is the largest LNG producer and supplier of the world. Which is that country?
 1) Kuwait 2) Qatar 3) Iran
 4) Saudi Arabia 5) None of these
152. As a measure to help countries hit by global financial meltdown, the RBI has purchased notes worth US \$10

- billion in terms of Special Drawing Rights from a World Organisation/agency. Which is this agency/organisation?
- 1) Federal Reserve of USA
 - 2) Asian Development Bank
 - 3) World Bank
 - 4) International Monetary Fund
 - 5) None of these
153. Which of the following is NOT a public sector undertaking under the Ministry of Defence, Govt of India?
- 1) Mazagaon Dock Ltd.
 - 2) Garden Reach Shipbuilders & Engineers Ltd.
 - 3) Bharat Heavy Electricals Ltd.
 - 4) Hindustan Aeronautics Ltd.
 - 5) Bharat Earth Movers Ltd.
154. Which of the following states won the senior National Women's Football Tournament 2010?
- 1) Manipur
 - 2) Assam
 - 3) Tamil Nadu
 - 4) Kerala
 - 5) Delhi
155. Which of the following is NOT a missile developed by the Defence Research and Development Organisation (DRDO)?
- 1) Shaurya
 - 2) Pinaka
 - 3) Brahmos
 - 4) Agni
 - 5) Nag
156. Which of the following declarations/treaties was adopted by the BRIC countries recently to promote Global Food Security?
- 1) Moscow Declaration
 - 2) Doha Treaty
 - 3) Delhi Declaration
 - 4) Kabul Treaty
 - 5) None of these
157. Which of the following statements represent(s) the main objective(s) of the revised National Health Policy 2002 of the Govt of India?
- A. Increase public expenditure from 0.9 per cent to 2 per cent of the GDP.
 - B. Setting up of Medical Grants Commission for funding new Govt Medical & Dental colleges
 - C. Mandatory two years, rural posting before awarding the degree to Medical Graduates
- 1) Only A
 - 2) Only B
 - 3) Only C
 - 4) Only A & C
 - 5) None of these
158. Which of the following metals is used for generation of Nuclear Energy by most of the Nuclear Power Plants?
- 1) Zinc
 - 2) Platinum
 - 3) Uranium
 - 4) Nickel
 - 5) None of these
159. Indus Water Treaty is a pact on sharing of river water between India and
- 1) Bangladesh
 - 2) Pakistan
 - 3) Nepal
 - 4) Afghanistan
 - 5) Myanmar
160. The Union Cabinet recently cleared Prohibition of Unfair Practices in Technical Medical Educational Institutes and Universities Bill 2010. As per the bill, which of the following will now be treated as a cognizable offence?
- 1) Accepting capitation fee from the students
 - 2) Running a private college
 - 3) Not allowing students to change their course in between
 - 4) Running a college without proper facilities
 - 5) None of these
161. Which of the following is/are considered a Renewable Source of Energy?
- A. Wind Energy
 - B. Solar Energy
 - C. Nuclear Energy
- 1) Only A
 - 2) Only B
 - 3) Only C
 - 4) Only A & B
 - 5) All A, B & C
162. Which of the following countries is NOT amongst the top ten in industrial production in the world during 2010?
- 1) India
 - 2) Iran
 - 3) China
 - 4) France
 - 5) USA
163. Commonwealth Games 2010 are being organised in which to the following countries?
- 1) Australia
 - 2) South Africa
 - 3) Canada
 - 4) New Zealand
 - 5) India
164. Which of the following is NOT a banking-related term?
- 1) Radiation
 - 2) Outstanding amount
 - 3) Benchmark Prime Lending Rate
 - 4) Explicit Guarantee
 - 5) None of these
165. Insurance service provided by various banks is commonly known as
- 1) Investment Banking
 - 2) Portfolio Management
 - 3) Merchant Banking
 - 4) Bancassurance
 - 5) Micro Finance
166. Who amongst the following has recently taken over as the Chairman of the 19th Law Commission?
- 1) AR Lakshmanan
 - 2) PV Reddy
 - 3) Yashwant Sinha
 - 4) Ranjan Bharti Mittal
 - 5) None of these
167. Moortidevi Award is given for excellence in the field of
- 1) Classical dance
 - 2) Literature
 - 3) Classical music
 - 4) Cinematography
 - 5) Social service
168. Which of the following terms is used in the game of Cricket?
- 1) Love
 - 2) Tee
 - 3) Penalty stroke
 - 4) No Ball
 - 5) None of these
169. Which of the following awards is given by an agency of the United Nations Organisation?
- 1) Normon Borlaug Award
 - 2) Kalinga Prize
 - 3) Ramon Magsaysay Award
 - 4) Pulitzer Prize
 - 5) None of these
170. Which of the following countries won the Hockey World Cup 2010?
- 1) Spain
 - 2) England
 - 3) India
 - 4) Australia
 - 5) None of these
171. Who amongst the following is the author of the English novel solo, which was given the Commonwealth Prize 2010?
- 1) Aamer Hussain
 - 2) Jonathan Tel
 - 3) Rana Dasgupta
 - 4) John Torrence Tate
 - 5) None of these
172. Surjit Patkar, who was awarded Saraswati Samman recently, is a well known poet of
- 1) Hindi
 - 2) English
 - 3) Punjabi
 - 4) Urdu
 - 5) Bengali
173. Which of the following is the book written by Kiran Desai?

- 1) Higher than Everest 2) A Passage to England
 3) Affluent Society 4) All My yester Years
 5) The Inheritance of Loss
174. Which of the following Trophies/Cups is associated with the game of Hockey?
 1) Durand Cup 2) Santosh Trophy
 3) Rangaswami Cup 4) Ranji Trophy
 5) KD Singh Babu Trophy
175. Sandra Bullock, who was awarded Oscar recently, is a famous
 1) Actress 2) Director 3) Music Composer
 4) Screen play writer 5) None of these

Test-IV: English Language

Directions (Q. 176-190): Read the following passage carefully and answer the questions given below it. Certain words/phrases have been printed in bold to help you locate them while answering some of the questions.

A few weeks ago, a newspaper article quoted a well-known scientist saying, “IT has destroyed Indian science.” One can **speculate** about the various ways in which the growth of the IT sector and other similar knowledge industries such as biotechnology has led to a decline in basic scientific research in India.

The most obvious reason is money: Pay scales in IT and BT are much higher than one can aspire to in academia. The argument goes: why should a **bright** BTech or MSc student enroll in a PhD programme when she can make a lot more money writing code? Not only does a **fresh** IT employee make a lot more than a fresh M Tech student, his/her pay will rise much faster in IT than in academia. A professor’s pay at a government-run university, even after the Sixth Pay Commission, tops out at far less than a senior executive’s salary in a major industry.

Second, the social status of IT and BT jobs equal or even exceed the social status of corresponding academic positions, since they are seen as knowledge industries, which plays to the best and worst instincts of the societal order. As **quintessential** white-collar professions, neither do they compel a successful entrepreneur to resort to violence and corruption, nor do they demand any physical labour. Unlike real estate or road construction, it is felt that IT workers can become rich while staying honest and sweat-free.

Assuming that the labour pool for academia and IT is roughly the same, the difference in our collective preferences biases the labour market towards IT and away from academia. Further, when the imbalance between IT and academia continues for years and even decades, a destructive loop, from academia’s point of view, is created. When our best and brightest take IT jobs over academic ones for a decade or more, faculty positions in our universities and research centres are no longer filled by the best candidates.

As faculty quality goes down, so does the **capacity** to train top-class graduate students who, after all, are teachers

in training. In response to decreasing faculty quality, even those students who otherwise choose an academic profession, decide to join industry or go abroad for their studies. These foreign trained graduated prefer to come back to corporate India — if at all they do come back — and, the downward cycle replicates itself in each generation. In other words, academia is trapped within a perfect storm created by a combination of social and economic factors.

In this socio-economic calculus, the members of our societal classes should prefer an IT job to an academic one. Or, to put it another way, the knowledge economy, ie, the creation of knowledge for profit, trumps the knowledge society, ie, the creation of knowledge for its own sake or the sake of the greater good. As is said, “Knowledge is power, but money is even more power.” Perhaps the scientist was **alluding** to this victory of capitalism over the pursuit of pure knowledge when he accused IT of having a negative influence on Indian science.

Surely, knowledge has become a commodity like any other and as a result, knowledge workers are like any other labourers, who will sell their wares to the highest bidder. One solution is to accept and even encourage the commoditisation of knowledge; if so, Indian universities and research centres should copy their western counterparts by becoming more and more like corporations. These centres of learning should convert themselves into engines of growth. In this logic, if we increase academic salaries and research grants to match IT paycheques we will attract good people into academia, where, in any case, it is rumoured that a certain **elusive** feeling called ‘the quality of life’ is better.

176. According to the passage, what did the scientist actually mean when he said, “IT has destroyed Indian science?”
- 1) The centres meant for scientific research are being utilised by IT industries.
 - 2) The IT industry does not employ people pursuing higher studies.
 - 3) As information is readily available on the Internet because of IT, there is no need to seek further information.
 - 4) IT has distorted the truth as stated by Indian science.
 - 5) The desire for money has overshadowed the search for knowledge.
177. Which of the following is possibly the most appropriate title for the passage?
- 1) Is the Future of IT Bright?
 - 2) The IT Industry and the World Economy
 - 3) Research and Academics — Losing the Battle Against IT
 - 4) Scientific Research and the Need for Well-Trained Faculty
 - 5) Information Technology and its Advantages
178. Why does the author say that knowledge has become a commodity?
- 1) As it is no longer desirable in any professional field
 - 2) As there are too many educational institutes in the country which do not provide quality education

- 3) As knowledge is now available easily as compared to the past
- 4) As knowledgeable people sell their services for the highest price possible
- 5) Like commodities, knowledge too becomes stale after a certain period.
179. What, according to the author, is a destructive loop?
- 1) Many people quit their existing jobs to work in the IT industry, which in turn leads to the downfall of the other industries.
 - 2) The fact that the best minds do not want to become teachers and this in turn leads to good students seeking knowledge elsewhere.
 - 3) The fact that people working in the IT industry do not pursue higher studies, which in turn leads to the deterioration in the quality of employees
 - 4) The unending use of resources by the IT industry leading to a dearth of resources in the country
 - 5) Less grants are being provided by the Government to academic institutes, which in turn leads to poor quality students joining the same.
180. Which of the following mentioned below is/are the author's suggestion/s to promote interest in Indian academia?
- A. Research centres should adopt the corporate culture as is done in the West.
 - B. Lessening the number of research grants given
 - C. Making academic salaries equivalent to those paid in IT industries
- 1) Only C 2) Only A 3) Only B and C
4) Only A and C 5) None of these
181. Which of the following is **NOT TRUE** in the context of the passage?
- (A) It is believed that the quality of life is better when pursuing scientific research.
 - (B) People currently seek knowledge only for the greater good of the society.
 - (C) Money is not perceived to be as powerful as knowledge.
- 1) Only A and C 2) Only B 3) Only A and B
4) Only B and C 5) All A, B and C
182. Which of the following, according to the author, are factors responsible for the declining interest in scientific research?
- A. Slower progress of work in research
 - B. Lesser monetary compensation in research-related activities
 - C. Societal perception towards research
- 1) Only A 2) Only C 3) Only B and C
4) Only A and B 5) All A, B and C
183. Which of the following is **true** about the perception towards IT jobs as given in the passage?
- A. They are physically tiring.
 - B. They are considered to be managerial-level jobs.
 - C. They require usage of dishonest means.
- 1) Only B 2) Only A and B 3) Only C

- 4) Only B and C 5) All A, B and C are true

Directions (Q. 184-187): Choose the word/group of words which is most similar in meaning to the word /group of words printed in bold as used in the passage.

184. **CAPACITY**

- 1) qualification 2) capability 3) voltage
4) quantity 5) volume

185. **ALLUDING**

- 1) referring 2) breaking 3) escaping
4) imposing 5) clinging

186. **SPECULATE**

- 1) visit 2) contemplate 3) remark
4) argue 5) regulate

187. **QUINTESSENTIAL**

- 1) typical 2) different 3) necessary
4) unique 5) excellent

Directions (Q. 188- 190): Choose the word/group of words which is most opposite in meaning of the word/ group of words printed in bold as used in the passage.

188. **BRIGHT**

- 1) soft 2) dark 3) dull 4) vivid 5) dim

189. **ELUSIVE**

- 1) definite 2) happy 3) mysterious
4) worthwhile 5) remarkable

190. **FRESH**

- 1) used 2) stale 3) tired 4) experienced 5) aged

Directions (Q. 191-195): Which of the phrases (1), (2), (3) and (4) given below each sentence should replace the word/phrase printed in bold in the sentence to make it grammatically correct? If the sentence is correct as it is given and no correction is required, mark (5) as the answer.

191. The poor Brahmin led a **hand to mouthful existence** and could use any job which paid him a little.
- 1) handful-to-mouthful existence
 - 2) hand-to-mouth existence
 - 3) handing for mouthful existing
 - 4) hand and mouth exist
 - 5) No correction required.
192. In order to **earning decent living** we need to have a good job which pays a substantial amount of money,
- 1) earned decency life 2) earning decency live
 - 3) earn a decent living 4) earned decently life
 - 5) No Correction required
193. We went to the famous restaurant to eat and were **served piped hot** food.
- 1) served piping hotter 2) serving pipe hot
 - 3) served piping hot 4) serve pipe hotten
 - 5) No correction required
194. Akshay considered Suresh a complete **pain in the neck** as he kept asking baseless questions,
- 1) paining in the neck 2) painless neck
 - 3) painful necks 4) pain in necking
 - 5) No correction required
195. I **jump through hoop** to finish this project in time but was not rewarded adequately.

- 1) jumped through hoops 2) jumping for hooping
 3) jumped on hoop 4) jumping from hoop
 5) No correction required

Directions (Q. 196-200): Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank which best fits the meaning of the sentence as a whole.

196. Adding to a growing body of research _____ cutting back on sweetened beverages it is now found that drinking _____ sugary drinks may help lower blood pressure.
 1) for, all 2) sustaining, increased
 3) against, lesser 4) behind, more
 5) supporting, fewer
197. The blame game for the air tragedy is already in full _____ with the authorities involved making attempts to _____ for themselves.
 1) sway, defend 2) view, try 3) fledged, protect
 4) swing, cover 5) roll, hide
198. The actress, wearing a dark grey suit and open necked shirt, sat _____ the proceedings looking nervous throughout, occasionally frowning as her lawyer _____ with the judge.
 1) through, argued 2) on, spoke
 3) for, addressed 4) with, discussed
 5) along, lectured
199. It was an excellent social evening with people from all _____ of life getting a chance to let _____ their hair.
 1) areas, drop 2) realms, flow
 3) arena, undone 4) walks, down
 5) types, loose
200. There can be no denying the fact that in sports, star coaches have the _____ to get something extra out of their _____.
 1) apprehension, work 2) ability, teams
 3) fear, member 4) capability, house
 5) desirous, players

Directions (Q. 201-205): Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

- (A) It is therefore a contributing factor to the growth of landfills and waterway pollution, both of which are costly and energy-intensive to solve.
 (B) Making an effort to use those resources and avoid polystyrene ones can help to decrease your environmental impact.
 (C) Non-biodegradable essentially means that any polystyrene that makes its way into a landfill will stay there indefinitely, never breaking down and returning to the earth.
 (D) Polystyrene, as a product, is very convenient to use, but it has some important effects we should consider when making choices as consumers,
 (E) While recycling polystyrene material can cushion

the environmental blow of its use, alternatives are available that are created from renewable resources and biodegrade more readily.

- (F) For example, while polystyrene has some excellent uses and is technically recyclable, it is not a substance that biodegrades.

201. Which of the following should be the **LAST (SIXTH)** sentence after rearrangement?
 1)A 2)B 3)C 4)D 5)E
202. Which of the following should be the **FOURTH** sentence after rearrangement?
 1)E 2)F 3)A 4)D 5)B
203. Which of the following should be the **FIRST** sentence after rearrangement?
 1)A 2)B 3)C 4)D 5)E
204. Which of the following should be the **SECOND** sentence after rearrangement?
 1)B 2)C 3)D 4)E 5)F
205. Which of the following should be the **FIFTH** sentence after rearrangement?
 1)A 2)B 3)C 4)D 5)E

Directions (Q. 206-215): Read each sentence to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (5). (Ignore errors of punctuation, if any.)

206. Sugar-sweetened drinks does not 1)/ pose any particular health risk, and /2) are not a unique risk factor /3) for obesity or heart disease. 4)/ No error 5)
207. Airline managements should note 1)/ that the ultimate passenger-unfriendliness 2)/ is to have their planes crash 3)/ due to the adopted of unsafe procedures. 4)/ No error 5)
208. Celebrating its ten long years 1)/ in the industry, a private entertainment channel 2) /announce a series of 3)/ programmes at a press conference. 4)/ No error 5)
209. The award ceremony ended 1)/ on a note of good cheer 2) / with audiences responding warmly 3) / to its line-up of films. 4)/ No error 5)
210. The actress was ordered for 1)/ wear an alcohol-monitoring bracelet and 2)/ submit to random weekly drug testing after 3)/ she failed to appear for a court date last week. 4) / No error 5)
211. Coaches have the advantage of 1)/ draw on their, personal experiences 2) / and providing their players 3)/ with unique inputs. 4)/ No error 5)
212. The actor loves to think, 1) / never enjoys stick to one kind of role 2)/ and finds it difficult to 3)/ fulfil everyone's expectations. 4) / No error 5)
213. A major computer security firm urged 1)/ the social networking site to set up 2) /an early-warning system after hundreds of users were (3)/ hit by a new wave of virus attacks. 4)/ No error 5)
214. The finding may help doctors 1)/ give more personalised care to patients 2)/ and modify the amount of powerful drugs 3)/ administered over their patients. 4)/ No error 5)

215. The actress made a rare appearance 1)/ at the party and was 2)/ overheard talking in 3)/ her next big project. 4)/ No error /5)

Directions (Q. 216-225): In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

Hundreds of plants and animals are (216) every day due to deforestation and urbanization. What might happen if this continues in the future? The last mass extinction of plant and animal species occurred 65 million years ago with the dinosaurs. In all, five mass extinctions have occurred and scientists (217) earth is in the sixth mass extinction. The world as it is now is threatened, including people, who are responsible for earth's (218). Pesticides contaminating water; overharvesting of animals and plants; air pollution; illegal fishing and the clearing of land are direct results of urbanization and deforestation. People have (219) and damaged almost half of earth's land, at a very unsustainable rate.

Global warming is having a serious impact as well. A six-degree Celsius increase in global temperature killed 95% of all species on Earth 251 million years ago. An increase of six-degree Celsius is forecast this century if a change is not made to (220) the damage done to earth. Humans will be one of the 95% of species lost. Noticeable, changes of global warming include migration (221) and the change in season timings. Migrating birds are migrating earlier which in turn is

causing them to hatch eggs and (222) young earlier than they did at the beginning of this century. While this is just the tip of the iceberg many other (223) regarding the extinction of plant and animal species need addressing. It is more important now than ever before to pull our heads out of the sand and make changes for the (224) of the earth. Future generations are (225), as they are a species as well.

216. 1) killing 2) alive 3) born
4) left 5) lost
217. 1) speak 2) told 3) estimation
4) believe 5) consider
218. 1) shape 2) development 3) deterioration
4) warmth 5) expansion
219. 1) altered 2) created 3) produced
4) made 5) brought
220. 1) void 2) dissipate 3) augment
4) reverse 5) increase
221. 1) delay 2) birds 3) slowdown
4) hasten 5) acceleration
222. 1) spare 2) bear 3) destroy
4) amend 5) generation
223. 1) animals 2) difficulty 3) issues
4) humans 5) problem
224. 1) extinction 2) better 3) wealth
4) stigma 5) demand
225. 1) endangered 2) threaten 3) evaluated
4) living 5) compared

Answers

1. 2; The logic is +4, +4, +6, +6.
2. 4; The only logic one can discern is the sequence of letters. But 1, 2 and 3 all meet this criterion.
3. 5; Each corresponding element moves one alphabet forward.
4. 4; In all others, 1st letter + 3 = 2nd letter and 1st letter - 2 = 3rd letter
5. 1; The series is +1, +2, +3, ...
6. 2; Some woods are chairs + All chairs are stones = I + A = I = Some woods are stones (I) → conversion → Some stones are woods (I). Hence II follows. No table is wood + Some woods are stones = E + I = O* = Some stones are not tables. Hence I does not follow.
7. 1; All letters are black + All black are blue + No blue is green = (A + A) + E = A + E = E = No letter is green. Hence I follows. But II can't be inferred from "All black are blue."
8. 3; Some fruits are mangoes + Some mangoes are red = I + I = No conclusion. However, either I or II follows as they form a complementary E-I pair.
9. 3; Similar to Q. 8 above.
10. 4; I-type statements can't be combined.
11. 5; Some caps are shirts (I) → conversion → Some shirts are caps (I). Hence II follows. Again, from II and the second statement, I

also follows.

12. 4; The given statements are of I-type and hence can't be combined.
13. 2; All Y are A (A) → conversion → Some A are Y (I). Hence I does not follow. All Y are A + All A are Z + All Z are X = (A + A) + A = A + A = A = All Y are X. Hence II follows.
14. 4 15. 4
16. 3; The first is cut by the second.
17. 5; It is possible that Ashok is married, that he has no child, etc.
18. 3
19. 1; All others belong to a senior generation.
20. 5; All others are made up of the same letters.
21. 5; A 22. 1 23. 2
24. 4 25. 3
26. 1 27. 3
28. 2; Rakesh, Mukesh and Ajay
29. 4; The family doesn't have Ajay's grandfather.
30. 4
31. 5; I is implicit from the need of different types of letters on different occasions. II is implicit from "official" and "semi-official".
32. 1; I is implicit because only then the person checking can check the availability. But II is not implicit. Personal details are generally required at the time of booking

tickets.

33. 5; Obviously, 0.7 is one of the types. Hence I is implicit. II is also implicit or else the statement would make no sense.
34. 4; When we mention something to someone, we assume they know its meaning. Hence I is implicit. But II is not implicit as the details cannot be assumed.
35. 4; The statement does not give any clue to the use of language. Hence I is not implicit. II is not implicit because of *only*.
36. 3; Feb 29 can occur only in a leap year. 2008 happens to be the only leap year between 2005 and 2011. Hence Yasir was born on Feb 29, 2008. Using Calendar Method, we can find out the day. Hence I is sufficient. From II, Yasir was born on Feb 29, 2008. (2012 - 4 = 2008). Hence II is also sufficient.
37. 1; **From I:** 22 students don't play any game. Which means 64 - 22 = 42 play either chess or cricket.
Now, either chess or cricket = Only chess + Only cricket + Chess and Cricket
or 42 = Only chess + 4 + 38
or Only chess = 0
From II: We don't get information about boys.
Hence II is not sufficient.

38. 2; I leads us nowhere. II will give us the present strength as we have the base and percentage increases.

39. 4; **From the question:**

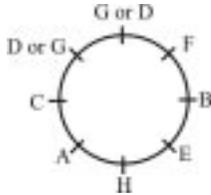
$G > Sh$; $D > M \dots$ (i)

From I: $Sa > Su \dots$ (ii) Not sufficient.

From II: $Sa > Sh, M, D$. But who is taller between Sa and G ? Not sufficient.

40. 3; The calendar method is helpful in either case.

41-45:



41. 4; D or G

42. 5; F

43. 1

44. 2

45. 2

46. 5; The movie has been used just as an example of how repeated interactions acquaint us with a fuller meaning.

47. 2; Could even have been 'definitely true'. Except that Q 48 below is a sure shot.

48. 1

49. 3; It could be given to any individual or any business team.

50. 4; Note the tone in "Have you ever seen ...?"

51. 3; $N = P \leq F \geq L = K$

Hence $F \geq K$. Which means either I ($F = K$) or II ($F > K$) follows.

52. 1; $Z > T < M < J$

Which means $T < J$. Hence I follows.

But Z and J can't be compared. Hence II does not follow.

53. 5; $C \geq G \geq Q = Z \geq R$

Hence $G \geq Z$ and I follows.

Also, $C \geq R$ and II follows.

54. 4; $A > B < C < D > E > F$

E and C can't be compared. Hence I does not follow. Consequently, II does not follow either.

55. 5; $L > K > M \geq N > O$

Hence $O < M$ and I follows.

Also, $O < K$ and II follows.

56-60:

After a long time, some fresh air in the Input-Output question! Look at what is happening here. The numbers are not independent but have a word attached with them. Thus the entities are (is 25), (than 14) and (than 32). Now, first the numbers (along with their word attachments) get arranged, one at a time, in the ascending order. The remaining words then get arranged in reverse alphabetical order.

Input: any number less (than 30) and more (than 20) does not (equal 40)

Step I: (than 20) any number less (than 30) and more does not (equal 40)

Step II: (than 20) (than 30) any number less and more does not (equal 40)

Step III: (than 20) (than 30) (equal 40) any number less and more does not

Step IV: (than 20) (than 30) (equal 40) number any less and more does not

Step V: (than 20) (than 30) (equal 40) number not any less and more does

Step VI: (than 20) (than 30) (equal 40) number not more any less and does

Step VII: (than 20) (than 30) (equal 40) number not more less any and does

Step VIII: (than 20) (than 30) (equal 40) number not more less does any and

56. 5; Step I 57. 2

58. 5; than 20 than 30 equal 40 number any less and more does not

59. 3 60. 2

61. 3; The lower element gets shaded in alternate steps while one line segment is added to the upper figure in a set order.

62. 2; The element shifts in a set order and repeats itself.

63. 5; Follow if $1 = 5$ then $2 = 6$ rule.

64. 5; In each step one line and one dash are added.

65. 1; In alternate steps a square and a circle is added.

66. 2; **From fig 1 to 2:** The first and the second from left interchange places and the remaining three shift from left to right in a cyclic order.

67. 3; In each step three elements get inverted in ACW order.

68. 3

69. 5; Follow if $4 =$ inverse of 1 , $5 =$ inverse of 2 , then $6 =$ inverse of 3 rule.

70. 2; Follow if $1 = 5$ then $2 = 6$ rule.

71. 5; In each step a new element appears at the lower-left position and is alternately 90° ACW and 45° ACW rotated form of the previous one. They shift in a set order.

72. 5; In alternate steps, a new element appears at-CW end and the ACW-end element goes to second from ACW end.

73. 5; In each step elements shift one side CW. In the first step the end elements are replaced by new ones while in the next step the remaining three elements are replaced.

74. 1

75. 5; Follow if $1 = 4$, $2 = 5$ then $3 = 6$ rule. The latter is 90° CW rotated form of the first.

76. 1; 64% of 950

$= 60\%$ of 950 + 4% of 950

$= 570 + 38 = 608$

$? = 475 + 608 - 900 = 1083 - 900 = 183$

77. 2;

$$= \frac{64 \times 10^{-3} \times (4 \times 10^{-1})^7}{(256 \times 10^{-4})^2}$$

$$= \frac{64 \times 4^7 \times 10^{-3} \times 10^{-7}}{256 \times 256 \times 10^{-8}}$$

$$= \frac{64 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4^2}{256 \times 256} \times 10^{-2} = (0.4)^2$$

78. 3; $? = 534.596 + 61.472 - 496.708 - 27.271$

$? = 596.068 - 523.979 = 72.089$

79. 5; $? = 16 \times 12 - 672 \div 21 + 211$

or $? = 192 - 32 + 211$

or $? = 160 + 211 = 371$

80. 4;

$$? = 5 + 4 - 4\sqrt{5} + 4\sqrt{5} = 9$$

81. 4; Approximate value can be given as

$9230 - 5020 + 1500 = 10730 - 5020$

$= 5710 \approx 5700$

82. 1; Approximate value can be given as

$(1002 \div 49 - 20) \times 99 - 1300$

$= 1980 - 1300 = 680 - 700$

83. 4; Approximate value can be given as

30% of $260 + 60\%$ of $510 - 103$

$= 78 + 306 - 103 = 384 - 103 = 281 - 280$

84. 1; Approximate value can be given as

$(22)^2 - (25)^2 + (13)^2 = 484 + 169 - 625$

$= 653 - 65 = 28 - 25$

85. 5; Approximate value can be given as

$$\sqrt{626} \approx \sqrt{625} = 25$$

$$\sqrt{99} \approx \sqrt{100} = 10$$

$$? = 50 \times 25 \div 10 = 50 \times \frac{5}{2} = 125$$

86. 2; The given series is

$+(13 \times 1), +(13 \times 2), +(13 \times 4), +(13 \times 8)$

87. 2; The given series is

$+(-1)^3, +(2)^2, +(-3)^3, +(-4)^2, +(-5)^3$

88. 5; The given series is

$+(11 \times 1), +(11 \times 3), +(11 \times 5), +(11 \times 7), +(11 \times 9)$

So next no. is 302.

89. 3; The given series is

$-(9 \times 9), -(9 \times 8), -(9 \times 7), -(9 \times 6), -(9 \times 5)$

90. 3; The given series is

$+(14)^2, +(13)^2, +(12)^2, +(11)^2, +(10)^2$

91. 2; $18 : \equiv 360^\circ$

$1 : 20^\circ$

Smallest angle of quadrilateral $= 2 \times 20 = 40^\circ$

Smallest angle of triangle $= 40^\circ$

Remaining two angles of triangles are

$40 \times 2 = 80^\circ$ and $180 - (80 + 40)$

$= 180 - 120 = 60^\circ$

92. 5; Total number of notebooks sold in two weeks $= 2 \times 7 \times 10 = 140$.

Total commission earned on selling of notebooks

$= 140 \times 457 \times \dots = \text{Rs } 2559.2$

Similarly, commission earned on selling of pencils

$$= 2 \times 7 \times 6 \times 80 \times \frac{20}{100} = \text{Rs } 1344$$

Total commission earned $= 2559.2 + 1344$

$= \text{Rs } 3903.2 \approx 3900$

$$\frac{\sqrt{498} + \sqrt{498}}{100} = \frac{2\sqrt{498}}{100} = \frac{\sqrt{498}}{50}$$

93. 1;

$$\text{Speed of train A} = \frac{240}{20} = 12 \text{ m/s}$$

In 50 seconds, the train covers $50 \times 12 = 600 \text{ m}$

Length of train B = $600 - 240 = 360 \text{ metres}$.

94. 5; 40% minimum passing marks for boys = $483 + 117 = 600$

$$\Rightarrow 1\% = \frac{600}{40}$$

$$\Rightarrow 100\% = \frac{600}{40} \times 100 = 1500$$

Minimum passing marks for girls = 35% of 1500 = $35 \times 15 = 525$

95. 4; 12% of K = 16% of N
K → Kaushal's monthly salary
N → Nandini's monthly salary
S → Suresh's monthly salary

$$S = \frac{N}{2} \Rightarrow N = 2S$$

$$K = \frac{16}{12} \times N = \frac{16}{12} \times 2S$$

$$= \frac{16}{6} \times \frac{1.08}{12}$$

$$= \frac{16}{6} \times 0.09 = 0.24 \text{ lakh} = 24,000$$

96. 1; The work takes 20 days when 8 men work.

In 1 day, $20 \times 8 = 160$ men are required to finish the work.

Similarly,

In 1 day $32 \times 8 = 256$ women are required to finish the work

So, $20 \times 8m = 32 \times 8w$

$$\Rightarrow 1m = \frac{8}{5}w$$

$$\Rightarrow 5m = 8w$$

$$5m + 8w = 8 + 8w = 16w$$

Days required to finish the job when 16

$$\text{women work} = \frac{32 \times 8}{16} = 16$$

97. 5; Side of the square

$$= \sqrt{1,024 \text{ cm}^2} = 32 \text{ cm}$$

Length of rectangle = $32 \times 2 \text{ cm}$

Breadth of rectangle = $32 - 12 = 20 \text{ cm}$

Required ratio = $64 : 20 = 16 : 5$

98. 5; Let the first number be x.

$$x + x + 2 + x + 4 + x + 6 + x + 8 = 220$$

$$\Rightarrow 5x = 220 - 20 = 200 \Rightarrow x = 40$$

Second lowest number of set B = $40 \times 2 - 37 = 43$

Required sum = $42 + 43 + 44 + 45 + 46 = 220$

99. 5; Train fare from Agra to Aligarh for

$$\text{one person} = \frac{3}{4} \times 2 \times 420 = K$$

$$\text{Then required sum} = 3 \times 420 + 4 \times 630 = 1260 + 2520 = \text{Rs } 3780$$

100. 1; Speed of tractor = $\frac{360}{12} = 30 \text{ km/h}$

$$\text{Speed of jeep} = \frac{5}{2} \times 30 = 75 \text{ km/h}$$

$$\text{Speed of car} = \frac{3}{2} \times 30 = 45 \text{ km/h}$$

Required average speed of car and jeep

$$= \frac{1}{2}(75 + 45) = \frac{1}{2} \times 120 = 60 \text{ km/h}$$

(101-105):

Step I: Break the middle term in such a way that its product is equal to the product of first and last (constant) terms.

Step II: Divide the two parts by the co-efficient of 1st term and change the sign. The two parts are the required soln of the quadratic equation.

101. 1; I.

$$5x^2 - 18x + 9 = 0$$

$$\begin{array}{l} \text{1st } -15 \quad -3 \\ \text{IInd } \frac{-15}{5} \quad \frac{-3}{5} \\ \quad \downarrow \quad \downarrow \\ \quad 3 \quad \frac{3}{5} \quad (\text{Change the sign}) \end{array}$$

II.

$$20y^2 - 13y + 2 = 0$$

$$\begin{array}{l} \text{1st } -8 \quad -5 \\ \text{IInd } \frac{-8}{20} \quad \frac{-5}{20} \\ \quad \downarrow \quad \downarrow \\ \quad \frac{2}{5} \quad \frac{1}{4} \quad (\text{Change the sign}) \end{array}$$

102. 2; I. $x^3 = 878 + 453 = 1331 \Rightarrow x = 11$

II. $y^2 = 82 + 39 = 121 \Rightarrow y = \pm 11$

103. 5; I. $\frac{3}{\sqrt{x}} + \frac{4}{\sqrt{x}} = \sqrt{x}$

$$\Rightarrow \frac{7}{\sqrt{x}} = \sqrt{x}$$

$$\Rightarrow 7 = \sqrt{x^2} = x;$$

$$\therefore x = 7$$

II. $y^2 - \frac{(7)^{5/2}}{\sqrt{y}} = 0 \Rightarrow y^2 = \frac{(7)^{5/2}}{\sqrt{y}}$

$$\Rightarrow y^2 - \sqrt{y} = (7)^{5/2} \Rightarrow (y)^{5/2} = (7)^{5/2}$$

$$\Rightarrow y = 7$$

104. 5; I. $9x - 4x = 54.55 + 15.45$

$$5x = 70.00 \Rightarrow x = 14$$

II. $\sqrt{y+155} = \sqrt{149} + \sqrt{36} = 7 + 6 = 13$

$$\Rightarrow y + 155 = 169 \Rightarrow y = 14$$

105. 3; I.

$$x^2 + 11x + 30 = 0$$

$$\begin{array}{l} \text{1st } 6 \quad 5 \\ \text{IInd } -6 \quad -5 \quad (\text{Change the sign}) \end{array}$$

II.

$$y^2 + 7y + 12 = 0$$

$$\begin{array}{l} \text{1st } 4 \quad 3 \\ \text{IInd } -4 \quad -3 \quad (\text{Change the sign}) \end{array}$$

106. 3; Required ratio = $\frac{11.4}{12.6} = \frac{114}{126} = 19:21$

107. 5; Required percentage

$$= \frac{11.3}{40.4} \times 100 \approx 28\%$$

108. 4; Required number of students = $11.5 \times 10^3 = 11500$

109. 3 110. 5

111. 1; No. of teachers in Physics

$$= 1800 \times \frac{17}{100} = 306$$

No. of female teachers in Physics

$$= \frac{2}{9} \times 306 = 2 \times 34 = 68$$

No. of male teachers = $306 - 68 = 238$

Required percentage = $\frac{238}{23 \times 18} \times 100 \approx 57\%$

112. 2; Required no. of teachers

= 62% of 1800 = 1116

113. 2; Teachers who teach English + Physics = 44% of 1800

Teachers who teach Mathematics + Biology together = 25% of 1800

Required difference = 19% of 1800 = 342

114. 5; Required ratio = 13 : 8

115. 3; New strength of Mathematics teachers

$$= 234 + \left(\frac{1}{2} \times 13\% \text{ of } 1800 = 117\right) = 351$$

New strength of Hindi teachers

$$= \frac{3}{4} \times 8\% \text{ of } 1800 = 108$$

Collective strength of both subject teachers = $357 + 108 = 459$

116. 3; Total no. of students appearing from B, C, D and F = $(14 + 7 + 12 + 6 =)$

39 hundred

Candidates passed from institution A, E and G together = $(12 + 12 + 5 =)$ 29 hundred

Required difference = $(39 - 29 =)$ 10 hundred = $10 \times 100 = 1000$

117. 1; Average no. of students passed from

all the institutions together

$$= \frac{49}{7} \times 100 = 700$$

118. 5; No. of candidates passed from institutions C & E together
 $= (4 + 12)10^2 = 1600$.

Total no. of candidates appeared from institutions A and G together
 $= (13 + 11)10^2 = 2400$

$$\text{Required percentage} = \frac{1600}{2400} \times 100 \approx 67\%$$

119. 3

$$120. 2; \text{ Required percentage} = \frac{4}{6} = 2 : 3$$

121-125:

A		B
50	AC	25
65	Fans	35
85	Refrigerators	40
180	Oven	20

Total no. of Fans = 100

Total no. of ACs = 75

Total no. of Refrigerators = 125

Total no. of Ovens = 200

121. 5; Required total of Fans, ACs, Ovens

and Refrigerators = $65 + 25 + 20 + 85 = 195$

122. 4; Required average no. of products

$$= \frac{(50 + 65 + 85 + 180)}{4} = \frac{380}{4} = 95$$

123. 2 124. 1

$$125. 4; \text{ Required percentage} = \frac{85}{200} \times 100 \approx 43$$

126. 3 127. 2

128. 1; As per the latest news, the Pakistan government on 2nd August, 2010 withdrew 15% regulatory duty on yarn export.

129. 3 130. 1

131. 1 132. 1 133. 5 134. 1 135. 1

136. 4 137. 1 138. 1 139. 3 140. 2

141. 2 142. 5 143. 4 144. 3 145. 1

146. 2 147. 5 148. 5 149. 5 150. 3

151. 2 152. 4 153. 3 154. 1 155. 1

156. 1 157. 5 158. 3 159. 2 160. 1

161. 4 162. 2 163. 5 164. 1 165. 4

166. 2 167. 2 168. 4 169. 2 170. 4

171. 3 172. 3 173. 5 174. 3 175. 1

176. 5; Capitalism has won over the pursuit of pure knowledge.

177. 3; Note how "IT has destroyed Indian science".

178. 4; Read the first sentence of the last

paragraph.

179. 2; Read the fourth and fifth paragraphs.

180. 4; Read the last paragraph.

181. 4; (A) is true from the last sentence of the passage. (B) is false in a knowledge-for-profit scenario. (C) is false as today "knowledge is power, but money is even more power."

182. 3; (B) is the most obvious reason. (C) is the second reason.

183. 1; IT jobs are white collar professions.

184. 2 185. 1 186. 2 187. 1 188. 3

189. 1 190. 4 191. 2 192. 3 193. 3

194. 5 195. 1 196. 5 197. 4 198. 1

199. 4 200. 2

201-205: DFCAEB

201. 2 202. 3 203. 4 204. 5 205. 5

206. 1; Substitute *do*.

207. 4; Substitute *adopting*.

208. 3; Substitute *announced*.

209. 5

210. 1; Substitute *to*.

211. 2; Substitute *drawing*.

212. 2; Substitute *sticking*.

213. 5

214. 4; Substitute *to*.

215. 3; Substitute *about*.

216. 5 217. 4 218. 3 219. 1 220. 4

221. 5 222. 2 223. 3 224. 2 225. 1