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Pro Material Series

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Logical Modules Session 1

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Pick the odd man out. 1. (a) TRIANGLE
2. (a) ACFJ
3. (a) ESOR

4. (a) PSRQ 5. (a) DFK 6. (a) DEB

(b) SQUARE (b) CEHL (b) POLIT (b) MNPO (b) PRW
(b) FGD

(c) PENTAGON (c) PRUY
(c) LUFTE
(c) SVUT

(c) EGL

(c) PQN

(d) CIRCLE (d) SUXZ (d) STUOL (d) KNML (d) TVZ (d) TUS

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Pick the odd man 7. (a) ADG
8. (a) BAD
9. (a) PRQ

10. (a) AFB 11. (a) PRS 12. (a) OLIVE

out.
(b) HKN (b) FEH (b) ACB (b) MRN (b) TVX (b) APPLE

(c) PSW (c) POS
(c) TUV (c) KPL
(c) FIK
(c) LITCHI

(d) MPS (d) TSV (d) QSR (d) RXS (d) LME (d) EGG

Pick the odd man out. 13. (a) ABDC
14. (a) MQ2
15. (a) HIKJ

16. (a) STV
17. (a) Cabbage 18. (a) DEH

(b) MNPQ (b) RV2 (b) KLNM (b) XYA (b) Carrot (b) CDI

(c) PQSR (c) PS3 (c) STVU (c) KKT (c) Dates (c) KLQ

(d) STVU (d) DM3
(d) RSTU (d) BDE
(d) Cherries (d) PRV

Select the right option from the given alternatives. 19. QPS : TSV :: IHK : ?

(a) LKN (b) NQP

20. QDXM : SFYN :: UIOZ : ? (a) PAQM (b) LPWA

21. JO:ML:PR: SU: ?
(a) VZ (b) WY

22. CEHL : MORV :: WYBF : ? (a) GIKM (b) GILP

(c) MKN

(c) QNLA

(c) WC

(c) GJMP

(d) LOM

(d) WKPA

(d) VX

(d) GHJM

Select the right option from the given alternatives. 23. D4T: H4P:L5R:?

(a) P4N (b) Q5M

24. P3M:N4J:R3P:?
(a) Q3N (b) P3N

25. EHKN : FGLM :: CFIL : ? (a) DEJK (b) DGJM

26. DEF:EDF: GHI:?
(a) HGI (b) HIG

(c) P5N (c) Q4N (c) BEHK (c) IHG

(d) Q4N (d) P4N (d) BGJM (d) IGH

Select the right option from the given alternatives. 27. KPQR : LRTV :: DGHY : ?

(a) EIKC (b) ETKC

28. WOLLS : XPMMT :: PILOT : ? (a) QJMPU (b) QJJPU

29. 6:60:120:?
(a) 240 (b) 12

30. 985 : 874 :: 763 : ?
(a) 641 (b) 542

(c) EJKD (c) QMMPU (c) 480
(c) 722

(d) EHKD (d) QMJPU (d) 210 (d) 652

Find the missing number in the series. 31. cb_ca_bacb_ca_bac_d

(a) bddddb (b) addbbb

32. 10,7,12,10,14,... (a) 18 (b) 12

33. 6,9,....,24,36
(a) 15 (b) 10

34. 2, 4, 12, 48,....
(a) 480 (b) 240

(c) addddb

(c) 13

(c) 12

(c) 960

(d) bbbddd

(d) 16

(d) 18

(d) 340

Find the missing number in the series. 35. 64, 26, 15, ...

(a) 9 (b) 6 (c) 10

36. 2,3,6,18,108,...
(a) 54 (b) 1002(c) 216

37. 3,7,13,21,...
(a) 36 (b) 33 (c) 41

(d) 8

(d) 1944

(d) 31

38. 45, 38, 31, 40, 49, 42, ...
(a) 46 (b) 36 (c) 45 (d) 35

Find the missing number in the series. 39. 5, 25, 61, 113, ...

(a) 181 (b) 121 40. 3, 15, 35, 63, ...

(a) 101 (b) 121

41. 10, 7, 12, 10, 14, ... (a) 18 (b) 12

42. 115. 20, 22, 26, 32, ... (a) 34 (b) 40

(c) 212

(c) 99 (c) 13 (c) 36

(d) 241 (d) 96 (d) 16 (d) 38

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Find the missing number in the series. 43. 9, 3, 18, 6, 36, 12, ...

(a) 24 (b) 48 44. 7, 8, 15, 23, 38, ...

(a) 61 (b) 57 45. 8, 8, 6, 2, ...

(a) -4 (b) -3 46. 79, 64, 26,15,...

(a)9 (b)6

(c) 60

(c) 62

(c) 3

(c)10

(d) 72

(d) 59

(d) 4

(d) 8

Find the missing number in the series. 47. 45, 38, 31, 40, 49, 42, ...

(a) 46 (b) 36

48. 18, 19,...., 24, 28 (a) 20 (b) 21

49. 12,8,14,6,16,.... (a) 18 (b) 32

(c) 45

(c) 22

(c) 5

(d) 35

(d) 23

(d) 4

Find the missing number in the series. 50. 5, 15, 60, 300, ...

(a) 450 (b) 560

51. 2, 35, 104, 209, ... (a) 350 (b) 308

52. 0, 2, 6, 12, 60, ... (a) 32 (b) 28

(c) 1500

(c) 418

(c) 30

(d) 1800

(d) 362

(d) 26
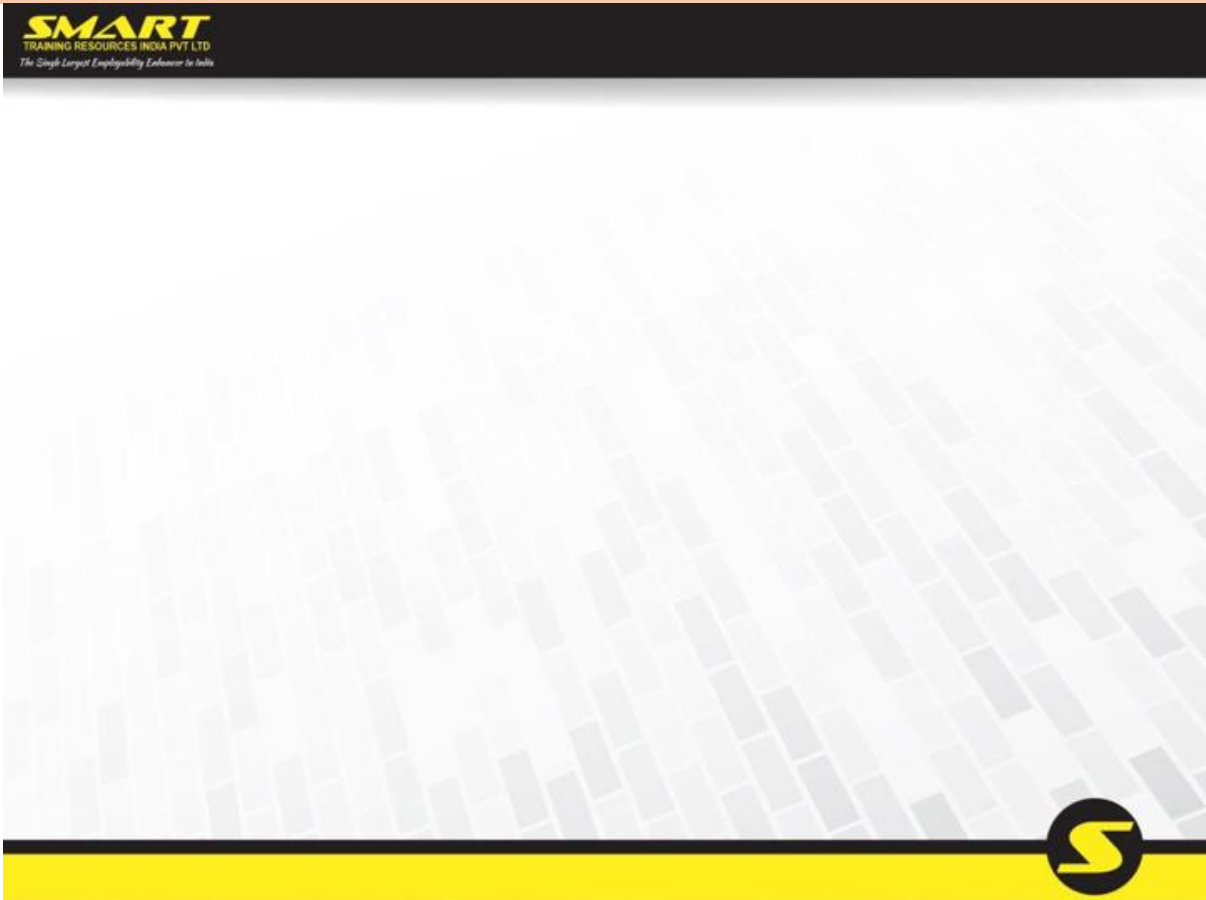
Select the right option from the given alternatives.

53. If NOBLE is coded as ONBEL, then GRAND is coded as
(a) RGADN (b) HSBOE (c) HTCOD (d) RAGON

54. If Delhi is coded as 34178, what is the code for MUMBAI? (a) 202801 (b) 202108 (c) 202018 (d) 202081

55. If RESULT is coded as SFTVMU, then EXAM is coded as (a) FWBO (b) DYZL (c) FYBN (d) DXZL

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Select the right option from the given alternatives.
56. If STICK is coded as RSHBJ, then REPLY is coded as
(a) SFQNX (b) QDOKX (c) SFQMZ (d) QDOMX

57. If DETERMINE is coded as ENIMRETED, then
DECIDE is coded as (a) EDICED (b) FGEKFG (c) EFDJEF
(d) FGDJFG

58. In a certain code 'HIT BIT NIT' means 'GIT CIT MIT';
'SIT PIT MIT' means 'RIT QIT LIT' and 'FIT ZIT PIT'
means 'EIT AIT OIT'. What does 'DIT JIT KIT' stand for

in that code language?
(a) CIT KIT JIT (b) BIT CIT KIT
(c) RIT LIT PIT (d) LIT RIT MIT

Select the right option from the given alternatives.
59. If NORMAL is coded as LAMRON, then SYSTEM is coded as (a) TXTUDN (b) METSYS (c) TZTUFN (d) METSSY

60. If STUMP is coded as PQRJM, then PITCH is coded as
(a) MFQZE (b) QJUDI (c) MEQAE (d) RXVEK

End of Session - 1 Thank You….

Logical Modules Session 2

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Select the right option from the given alternatives.

61.If MATH can be coded as RFYM, what is the code for PHYSICS in that language?
(a) UMDXNHX (b) UMDVNHV (c) UMDYNHY (d) UMDXHNX

62. In a certain code, SKILLFUL is written as LTMJGMMV, how is stated written in that code?
(a) TUCUFD (b) UTUCEF (c) UTUBEF (d) TUBUFE

Select the right option from the given alternatives.

63. If ANIMAL is coded as LAMINA, then BIRD is coded as
(a) CJSE (b) AHQC (c) DRIB (d) DKTF

64. In a certain code JOHN is coded as LSNV, how is MARK written in that code?
(a) OEYS (b) OEXS (c) OEXT (d) OEYT

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Select the right option from the given alternatives.
65. If CHAIR is coded as FKDLU, then RICH is coded as
(a) UKFD (b) ULDK (c) ULFK (d) UDLU

66. If EXAM is coded as FYBN, then TEST is coded as
(a) NBYF (b) UFTU (c) SFTS (d) SFRS

67. In the certain language RIPPLE is written as 785514. What is the code of PILLER in that language?
(a) 561147 (b) 561174 (c) 581174 (d) 581147

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Select the right option from the given alternatives.

68. If SPORTS is coded as TOPQUR, then GAME is coded as (a) HZND (b) FBNF (c) HBND (d) FZNK

69. If VAILANTis coded as UBKJZOS, TRANSCEND is coded as (a) SSZORDDOC (b) SZZORDDOC (c) SSZORDBOC (d) SSZORDDOB

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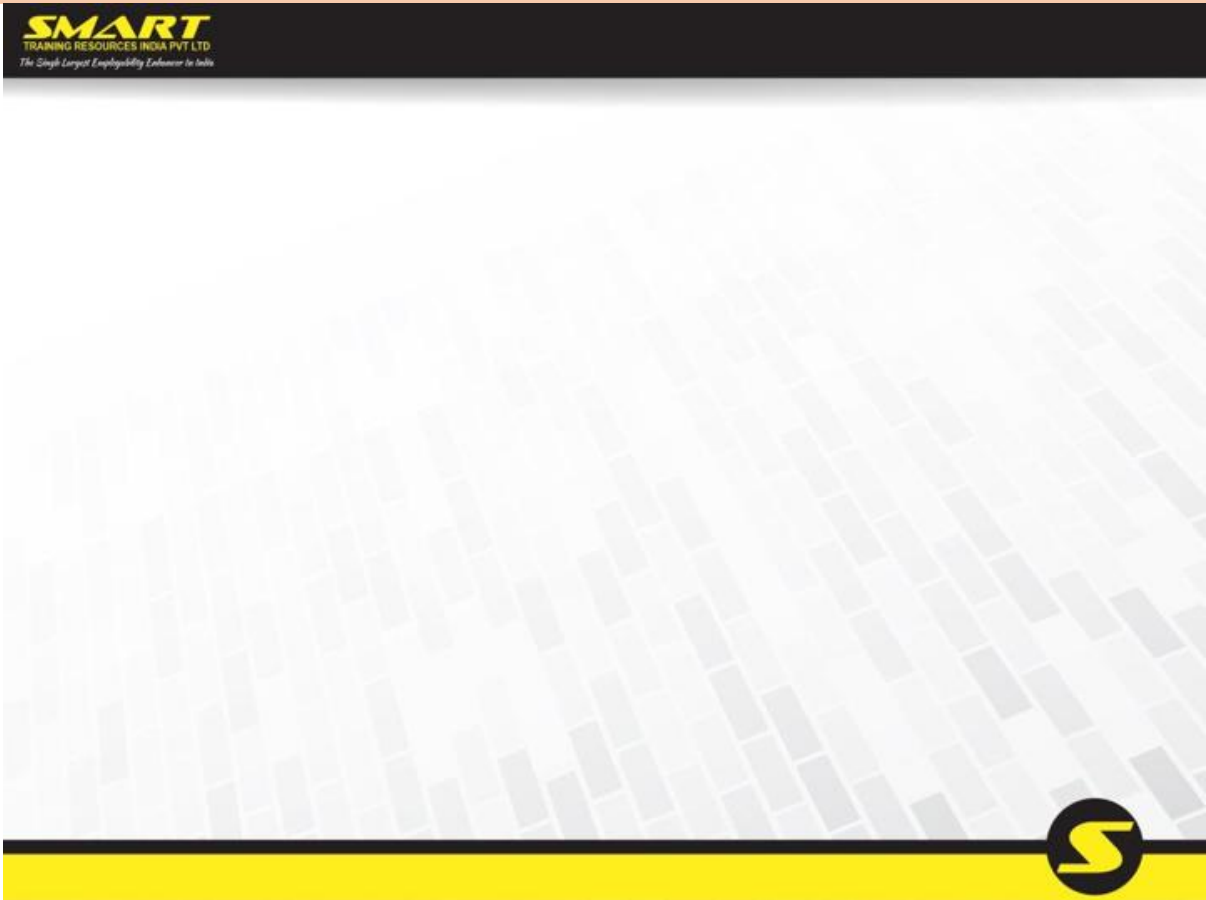
Choose the answer option that arranges the given set of words in the "most" meaningful order. The words when put in order should make logical sense according to size, quality, occurrence of events, value, appearance, nature, process etc.

70. 1. Earn 4. Money

(a) 3, 1, 5, 4, 2 (c) 3, 5, 1, 4, 2

71. 1. Key 4. Room

(a) 5, 1, 2, 4, 3 (c)1, 2, 3, 5, 4

2. Shopping
5. Job
(b) 3, 4, 5, 1, 2 (d) 2, 3, 5, 1, 4

2. Door
5. Light-on (b) 4, 2, 1, 5, 3 (d) 1, 3, 2, 4, 5

3. Boy
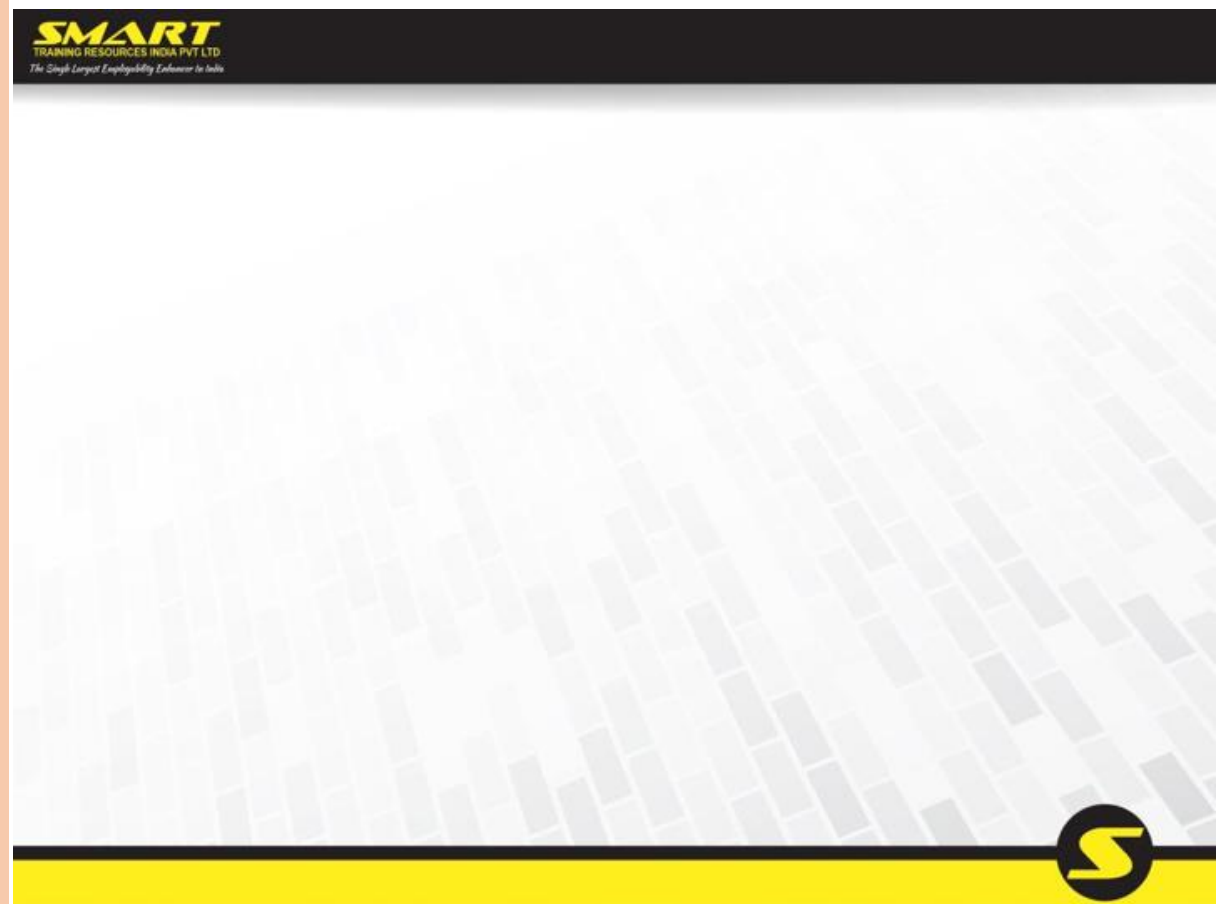
3. Lock

Choose the answer option that arranges the given set of words in the "most" meaningful order. The words when put in order should make logical sense according to size, quality, occurrence of events, value, appearance, nature,

process etc.

72. 1. Lion

4. Insect (a) 4,2,3,5,1

(c) 4,3,2,5,1

73. 1. Restaurant 4. Celebrate

(a) 1, 2, 3, 4, 5 (c) 1, 2, 3, 5, 4

2. Dog
5. Deer
(b) 4,2,3,1,5 (d) 4,3,2,1,5

2. Plan
5. Order
(b) 2, 1, 5, 3, 4 (d) 2, 1, 3, 5, 4

3. Duck

3. Menu
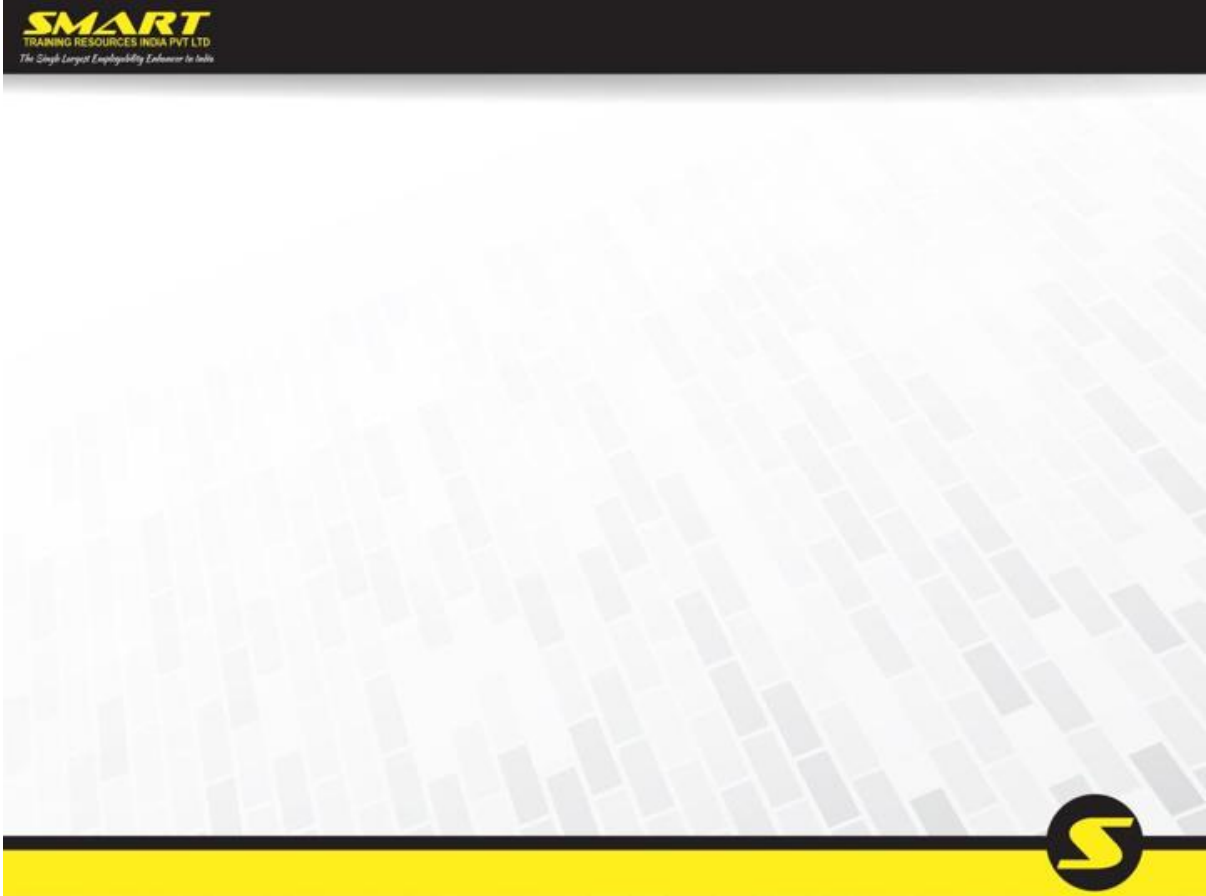
Choose the answer option that arranges the given set of words in the "most" meaningful order. The words when put in order should make logical sense according to size, quality, occurrence of events, value, appearance, nature, process etc.

74.   1. Probation 3. Selection

5. Advertisement (a) 5, 6, 2, 3, 4, 1 (c) 5, 6, 4, 2, 3, 1

75.   1. Tajmahal 4. Agra

(a) 1,5,4,2,3 (c) 3,2,4,5,1

2. Interview
4. Appointment letter 6. Application
(b) 5, 6, 3, 2, 4, 1
(d) 6, 5, 4, 3, 2, 1

2. India
5. Uttar Pradesh (b) 1,4,2,5,3
(d) 3,2,5,4,1

3. Asia

Choose the answer option that arranges the given set of words in the 'most' meaningful order. The words when put in order should make logical sense according to size, quality, quantity, occurrence of events, value, appearance, nature, process etc.

76.   1. Dress
   4. Stitching

(a) 5, 3, 2, 4, 1 (c) 5, 3, 1, 4, 2

77.   1. Community 4. Country

(a) 4, 1, 2, 3, 5 (c) 5, 3, 2, 1, 4

2. Yarn
5. Plant
(b) 3, 5, 2, 1, 4 (d) 1, 2, 3, 4, 5

2. Locality
5. Person
(b) 4, 2, 1, 3, 5 (d) 5, 3, 4, 2, 1

3. Cotton

3. Family

Choose the answer option that arranges the given set of words in the 'most' meaningful order. The words when put in order should make logical sense according to size, quality, quantity, occurrence of events, value, appearance, nature, process etc.

78.   1. Judgement 5. Complaint

(a) 4,5,3,2,6,1 (c) 5,4,3,2,6,1

79.   1. Cut
4. Measure

(a) 4,3, 1, 5, 2 (c) 2, 4, 3, 1, 5

2. Arrest
6. Court Hearing (b) 4,3,2,5,6,1 (d) 4,3,5,6,2,1

2. Put on
5. Stitch
(b) 3, 1, 5, 4, 2 (d) 1, 3, 2, 4, 5

3. Police

4. Crime

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3. Mark

Select the right option from the given alternatives.
80. A baby crawl 12 feet towards East and then 4 feet towards south. He then crawls 9 feet towards West. How far is he from his initial position?
(a) 2 feet (b) 9 feet (c) 5 feet (d) 16 feet

81. Renuka started walking from her house. She first walked for 3 km towards West, then she turned towards North and moved 4 km in that direction. How far Renuka is from her house?
(a) 3 km South (b) 3 km North

(c) 5 km West (d) 5 km North-West

Select the right option from the given alternatives.
82. Philip was taking an evening stroll. He started walking North and walked for 50 metres, then he took a left turn and walked for another 20 metres, then he took a right turn and walked for 10 metres and sat on a bench there. In which direction does the bench lie from Philip's starting point?

(a) North-West (b) South-East
(c) South-West (d) North

83. A man travels 3 km to the West, turns left and goes 3 km, turns right and goes 1 km, again turns right and goes 3 km. How far is he from the starting point?
(a) 7 km (b) 6 km (c) 5 km (d) 4 km

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Select the right option from the given alternatives.
84. I was facing west. I turned 125O in the clockwise direction and 10o in

the anti clockwise direction. Which direction am I facing now?

(a) North-West (b) East (c) North (d) North-East

85. A player "X" stands 50 yards away from "Y" in the West. He moves 10 yards straight towards South and then turns Eastward going up to 50 yards, while Y also comes down Southward and meets X at the same point. How far is Y from his original position?

(a) 50 yards (b) 40 yards (c) 20 yards (d) 10 yards

Select the right option from the given alternatives.
86. Somya is standing at point A facing East. She walks 30 metres towards her

right and takes a left turn to walk 40 metres, then she takes another left turn and walks
50 metres. In which direction is she standing from point A?
(a) North-East (b) North

(c) North-West (d) West

87. A tourist has strayed from his path while on his way to his hotel. He moves 28 km towards South, then moves 20 km towards, West, then 4 km towards North and then 2 km towards East to reach his hotel. What is the distance of the shortest possible route?

(a) 45 km (b) 20 km (c) 18 km (d) 30 km

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Select the right option from the given alternatives.
88. Shivam put his wall clock on a table in such a way that at 9 a.m., the hour hand was pointing South in

which direction will the minute hour point at 9.30 p.m.?
(a) South (b) North
(c) West (d) East

89. A man is facing North. He turns 270° in the anticlockwise direction and then 45° in the clockwise direction and then another 135° in the anticlockwise direction. Which direction is he facing now?
(a) North-West (b) West

(c) North (d) North-East

Select the right option from the given alternatives.
90. Sarosh walks 10 metres East and takes a right turn to walk 30 metres, then takes a right turn and walks 40 metres and then takes a right turn and walks 20 metres. In which direction is he standing now from the starting point?
(a) North-West (b) North-East
(c) South-West (d) South-East

91. 8 persons A through H are standing facing North in such a way that: B is 30 m apart from C towards West. C is 30 m south with respect to A. A is 40 m towards West with respect to E. D is 50 m south of E. F is 15 m North of G. H is 20 m apart from G towards East. F is 40 m towards West with respect to D.

In which direction is C standing with respect to G?
(a) North (b) North-East (c) North-West (d) South (e) South-East

Select the right option from the given alternatives.
92. If South is called North-East, North is called South-West, then what will

North-West be called?
(a) South (b) East (c) South-East (d) West

93. From a point Shalu starts walking towards North and after walking 20 meters, she turns to her right and walks 10 meters, then she turns right again and walks 20 m. Then, she turns to her left and walks 10 m and

finally turns to her left and walks 20 m. In which direction is she with reference to the starting point?

(a) North (b) South (c) North-East (d) East (e) None of these

Select the right option from the given alternatives.
94. Kunal is located 40 m South-West of Lalit, then what is Madhu's position with respect to Kunal?
(a) North (b) South
(c) East (d) South-East

95. Looking at a man's portrait, Harish said, "His mother is the wife of my father's son. Brothers and sisters I have none." At whose portrait was Harish looking?

(a) His son's portrait (b) His cousin's portrait

(c) His uncle's portrait (d) His nephew's portrait (e) None of these

Select the right option from the given alternatives.
96. Introducing a man, a woman said, "He is the

husband of my mother's daughter". How is the woman related to the man?
(a) Mother (b) Daughter
(c) Sister (d) None of these

97. P is the son-in-law of S. T and Q are the children of P. M is the mother of T. How is M related to S?
(a) Daughter (b) Son
(c) Mother (d) Sister

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Select the right option from the given alternatives.
98. Aakash saw his sister's son's maternal aunt's husband's mother-in-laws grand daughter from her only son on the other side of the road. Whom did Aakash see?
(a) Aunt (b) Sister
(c) Daughter (d) Sister-in-law

99. Sapna was talking to Harsha's husband's mother-in-law's son's daughter's paternal grandfather's brother. If Sapna and Harsha are sisters, then who was Sapna talking to?
(a) Uncle (b) Father

(c) Brother (d) Grandfather

Select the right option from the given alternatives.
100. Introducing a man, a woman said, "His wife is the only daughter of my father ". How is the man related to the woman?
(a) Husband (b) Uncle
(c) Father-in-law (d) Father

101. If Mohan is the brother of Rohan's grandmother, how is Rohan related to Mohan?
(a) Brother-in-law (b) Uncle
(c) Grandson (d) Grandfather

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Select the right option from the given alternatives.
102. Aakriti went to her mother's brother's wife's daughter's paternal grandmother's only son-in-law's nephew's house. Whose house did Aakriti go?
(a) Son (b) Brother (c) Sister (d) Cousin

103. Seeta who is the sister-in-law of Arvind, is the daughter-in-law of Sumedha. Deepak is the father of Saarthak, who is the only brother of Arvind. How is

Sumeedha related to Arvind?
(a) Mother-in-law (b) Mother

(c) Aunt (d) Grand mother

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Select the right option from the given alternatives.
104. Introducing a woman, a man said, "She is the only daughter-in-law of my mother." How is the woman related to the man?

(a) Cousin (b) Sister
(c) Daughter (d) Wife

105. P is the father of R but R is not his son. M is the spouse of R. How is M related to P?
(a) Son-in-law (b) Wife
(c) Daughter-in-law (d) Uncle

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Select the right option from the given alternatives.
106. B is the only child of A. M and N are the children

of B. D is the grandmother of N. How is A related to D?

(a) Grandmother (b) Husband

(c) Mother (d) Son

107. X is the wife of Y. P is the daughter-in-law of Y. Q is the only son of X. How is P related to Q?

(a) Son (b) Husband

(c) Niece (d) Wife

Select the right option from the given alternatives.
108.
EistheonlysonofF.EismarriedtoGandCistheonlydaughterof G. How is C related E?
(a) Son (b) Grand daughter
(c) Sister (d) Daughter

109. Pointing to a lady in the photograph, a man tells Meetu, " I am the only son of this lady and her daughter is your maternal Aunt." How is the speaker relate to Meetu's mother?
(a) Husband (b) Father

(c) Brother (d) Cousin

Select the right option from the given alternatives.
110. Pointing to a lady, a man said, "She is the daughter of the woman who is the mother of the husband of my mother". How is the lady related to man?
(a) Grandmother (b) Sister
(c) Mother (d) Aunt

111. Aaron was riding his bike. He rode 50 meters South and took a left turn to ride another 70 meters. After that he took another left turn and rode 50 meters again and finally he took a right turn to ride 60 meters

more. How far and in which direction is he from the starting point?

(a) 120 meters, West (b) 110 meters, East (c) 110 meters, West (d) 130 meters, East

Select the right option from the given alternatives.
112. A man runs 4 km towards North, then 20 km towards East. Then he runs 4 km towards South. How far is he from his initial position?
(a) 4 km (b) 20 km (c) 24 km (d) 16 km

113. Shivani pointed towards a photograph and said, " The man in the photograph is the husband of the daughter of the father of the brother of my son."
How is the man in the photograph related to Shivani?
(a) Grandson-in-law (b) Son-in-law

(c) Brother (d) Nephew

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Select the right option from the given alternatives.
114. Jerry pointed out to a person and said, "Sarin is your only brother's brother-in-law's sister." How is Sarin related to me?
(a) Sister (b) Cousin
(c) Aunt (d) Sister-in-law

115. M is P's brother's son. N is the only brother of P. How is N related to M?
(a) Nephew (b) Father
(c) Cousin (d) Uncle

Select the right option from the given alternatives.

116. Five cars are parked in a row facing Eastward. E is parked to the left of A, B and C. B, C and A are parked to the left of D. C is parked between A and B. If B is parked fourth from the left, how far is A parked from the right?

(a) Fourth (b) Third (c) Second (d) First

Answer the question based on the given information.

(i) Six friends P, Q, R, S, T and U are sitting in two rows, three in each. (ii) T is not at the end of any row.
(iii) S is second to the left of U.
(iv) R, the neighbor of T, is sitting diagonally opposite to S.

(v) Q is the neighbor of U.

117. Which of the following pairs are in the same row? (a) P and Q (b) R and Q (c) T and S

118. Who is facing S?
(a) Q (b) P (c) T

119. Which pair is sitting diagonolly to each other? (a) P and T (b) P and S (c) P and U

(d) S and Q

(d) R
(d) U and Q

End of Session - 2 Thank You....

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Logical Modules Session 3

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Read the following information and answer the questions given below.
(i) There are two lecturers, two singers, one doctor and one engineer in a group of six people - A,B, C, D, E and F.
(ii) The doctor C is married to A who is a lecturer.
(iii) the engineer is married to B who is of the same profession as that of E.
(iv) C, A, B and F are married couples and no couples in the group has the same profession. (v) E is F's brother.

120. Which of the following is a pair of singers?
(a) A and D (b) B and E (c) E and F

121. How is E related to B?
(a) Brother (b) Uncle (c) Father

(d) A and F

(d) None of these

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Read the following information and answer the questions given below.
(i) There are two lecturers, two singers, one doctor and one engineer in a group of six people - A,B, C, D, E and F.
(ii) The doctor C is married to A who is a lecturer.

(iii) the engineer is married to B who is of the same profession as that of E.
(iv) C, A, B and F are married couples and no couples in the group has the same profession. (v) E is F's brother.

122. Which of the following is a pair of lecturers?
(a)AandB (b) A and F (c) A and D (d) A and E

123. Which of the following pair is a couple? (a)AandB (b) B and F (c)AandF (d) B and C

Answer the question based on the given information.
(i) Five men P, Q, R, S and T read a newspaper.
(ii) The one who reads first gives it to R.
(iii) The one who reads last has taken it from P.

(iv) T was not the first or last to read.
(v) There were two readers between Q and P.

124. Who reads the newspaper first?
(a) S (b) Q (c) Indeterminate (d) None of these

125. Who reads the newspaper before S? (a) Q (b) R (c) T (d) P

Answer the questions based on the given information. (i) Tom, Joy and John are hones.
(ii) Tom, Jack and Michael are ambitious.
(iii) Michael and Joy are hardworking.

(iv) Joy, Jack and John are intelligent.

126. Which one of the following persons is not hardworking? (a) Joy (b) Michael
(c) Cannot be determined (d) None of the above

127. Answer the question based on information given in the passage.

The following are the conditions of a university for providing scholarship to candidates.

1. The candidate should have passed the Common Entrance Test with atleast 70% marks or should have secured 80% or above in the college exam.

2. The candidate age should not exceed 25 years and should not be less than 20 years as on 1.12.2012.

3. The candidate should belong to a family with income less than Rs.5 Lakhs per annum.

4. The candidate should be able to converse in English and a foreign language.

5. The candidate should be willing to deposit Rs.1000 as a

confirmation charge or sign a bond of participating in a research programme for 2 years.

However,

a) Candidates who fulfill all conditions except (4) should be referred to the Vice-chancellor of the university.

b) Candidates who fulfill all conditions except (5) should be referred to the Chairman of the respective college that he/she has applied to. Should the given candidate be granted scholarship? (The case is presented as on 1.12.2012.)

Manisha has secured 79% marks in the college exam and has secured 75% in the Common Entrance. She

is fluent in English and German. Her date of birth is 15.01.1984. She is ready to pay Rs.1000 as a confirmation charge. Her family income is Rs.4 Lakhs per annum.

(a) Candidate should not be granted scholarship.
(b) Candidate should be granted scholarship.
(c) Candidate should be referred to the Vice-chancellor of the university. (d) Candidate should be referred to the Chairman of the college that she has applied to.
(e) Data insufficient.

128. What is the value of the two-digit number y?
Statements:

I) The sum of its digits is 5.
II) The difference of its digits is 5.

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not sufficient (e) Either of the statements is sufficient

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Following are the criteria for re-allotment of floors by a Society to its residents.
The Resident must
1) Have stayed for at least 5 years in the society out of which at least 3 years should have been spent on floors which end 0 or 5
2) Not have more than 5 members in the family.
3) Have given an undertaking to stay there for another 5 years.
4) Have served as maintenance associate for more than 1 year.

a) In case a resident satisfies all above criteria except (2) and has stayed in the society for more than 5 years , he/she should be referred to the Society-President and be given the floor of his/her choice.

b) In case a resident satisfies all above criteria except (4) he/she is to be referred to the Welfare-Associate and be given either 1st or 3rd floor.

Should the given resident be provided with accommodation? (The case is presented as on 31st July, 2012)

129. Raghav has been staying in the society for 7 years and he has spent 3 years on 5th floor. He has 3 members in his family and has also given an undertaking form to stay for another 5 years. He has served as maintenance Associate for 5 months.

(a) Resident would not be given any floor
(b) Resident would be given any floor
(c) Resident would be given a floor of his choice
(d) Resident would be given either 1st or 3rd floor
(e) Data insufficient

130. A more reactive metal can displace a less reactive metal from its salt solution. Which of the following is the most reactive?
Statements:

I) A can displace neither B nor C.
II) C can displace A.
(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not

sufficient (e) Either of the two statements is sufficient

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131. P, Q, R, S are four friends. Who is the youngest among them? Statements:
I) The total age of P and Q is more than that of R.
II) The total age of P and S together is less than that of R.

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not sufficient (e) Either of the two statements is sufficient

132. How is Sangeeta related to Manoj? Statements: I) Manoj is the only son of sangeeta's father. II) Rohit is Manoj's father.

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not sufficient (e) Either of the two statements is sufficient

133. Who is the son of R? Statements:

I) P is R's sister.
II) Q is the son of P.

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not sufficient (e) Either of the two statements is sufficient

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134. What is the 5th number? Statements:

I) 1st and 2nd numbers are 1 and 2 respectively. II) 3rd and 4th numbers are 3 and 4 respectively.

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not sufficient (e) Either of the two statements individually are sufficient

135. Vikas ranks 9th in the class. How many students are there in a class? Statements:
I) His friend got the 35th rank which is the last rank.
II) His rank from the last id 27th.

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not sufficient (e) Either of the two statements is sufficient

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136. Among the four students – P, Q, R and S, who is the shortest? Statements:

I) R is taller than Q, but smaller than P. II) Q is taller than S.

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient

(d) Both the statements even put together are not sufficient (e) Either of the statements is sufficient

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137. Out of five parties, which party won the election? Statements:
I) Party 'X' got the least number of votes.
II) Party 'Y' got hundred more votes than party 'Z'.

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient

(c) Both statements put together are sufficient
(d) Both the statements even put together are not sufficient (e) Either of the statements is sufficient

138. When is Rahul's birthday? Statements:

I) His birthday is before 25th and after 22nd November. II) His birthday is after 23rd and before 26th November.

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not sufficient (e) Either of the statements is sufficient

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139. How is Sita related to Rita? Statements:
I) Gita is the sister of Rita.
II) Gita is Sita's daughter.

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not sufficient (e) Either of the two statements individually are sufficient

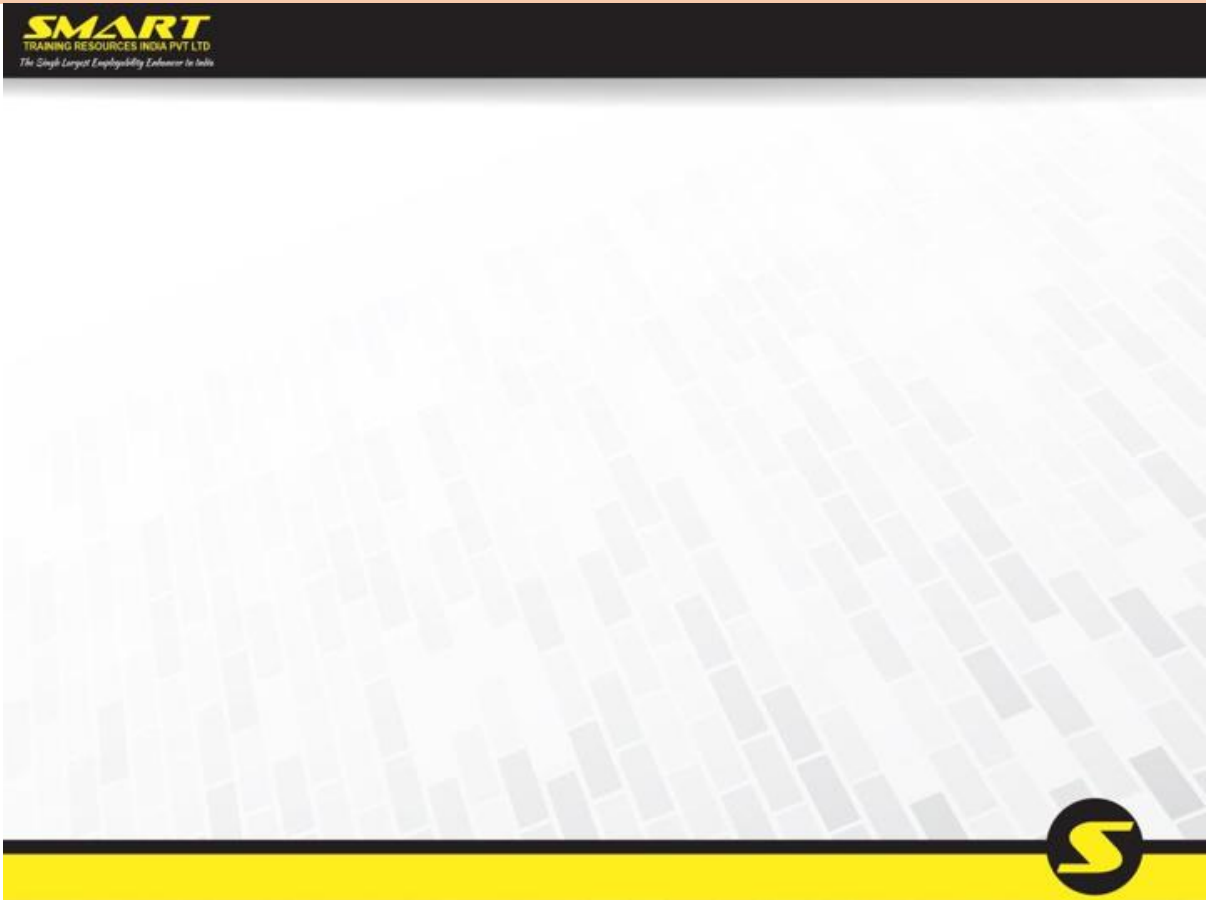**SMART**
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140. Ionization energy decreases with the increasing size of metal atom. Out of Cesium, lithium, potassium, sodium, which will have the lowest ionization

energy?

Statements:

1. Cesium has the largest size

2. The size of sodium lies between potassium lithium

a. Statement 1 alone is sufficient in answering the problem question

b. Statement 2 alone is sufficient in answering the problem question

c. Both statement put together are sufficient in answering the problem question

d. Both statement even put together are not sufficient in answering the problem question

e. Either of the statements is sufficient in answering the problem question

141. A piece of wire 9 metres long is cut into three smaller pieces. How long is the longest of the three pieces?

Statements:

I) Two pieces are of the same length.

II) One piece is 4.7 metres long.

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not

sufficient (e) Either of the two statements individually are sufficient

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142. Among the four students of classV- Radha, Meera, Kamala and Geetanjali, who is the tallest? Statements:

I) Meera is shorter than Radha, but taller than Geetanjali.

II) Kamala is taller than Geetanjali.

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not sufficient (e) Either of the two statements individually are sufficient

143. How many sisters does Mamta have?
Statements:

I) Mamta does not have any brother
II) Mamta's mother has four daughters

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not sufficient (e) Either of the two statements individually are sufficient

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144. Who is the nephew of X? Statements:
I) Y is the sister of X
II) Z is the son of Y

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not sufficient (e) Either of the two statements individually are sufficient

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145. What is the area of the top of the table?
Statements:
I) The top of the table is rectangular in shape II) The length of the top of the table is 35 cm

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not sufficient (e) Either of the two statements individually are sufficient
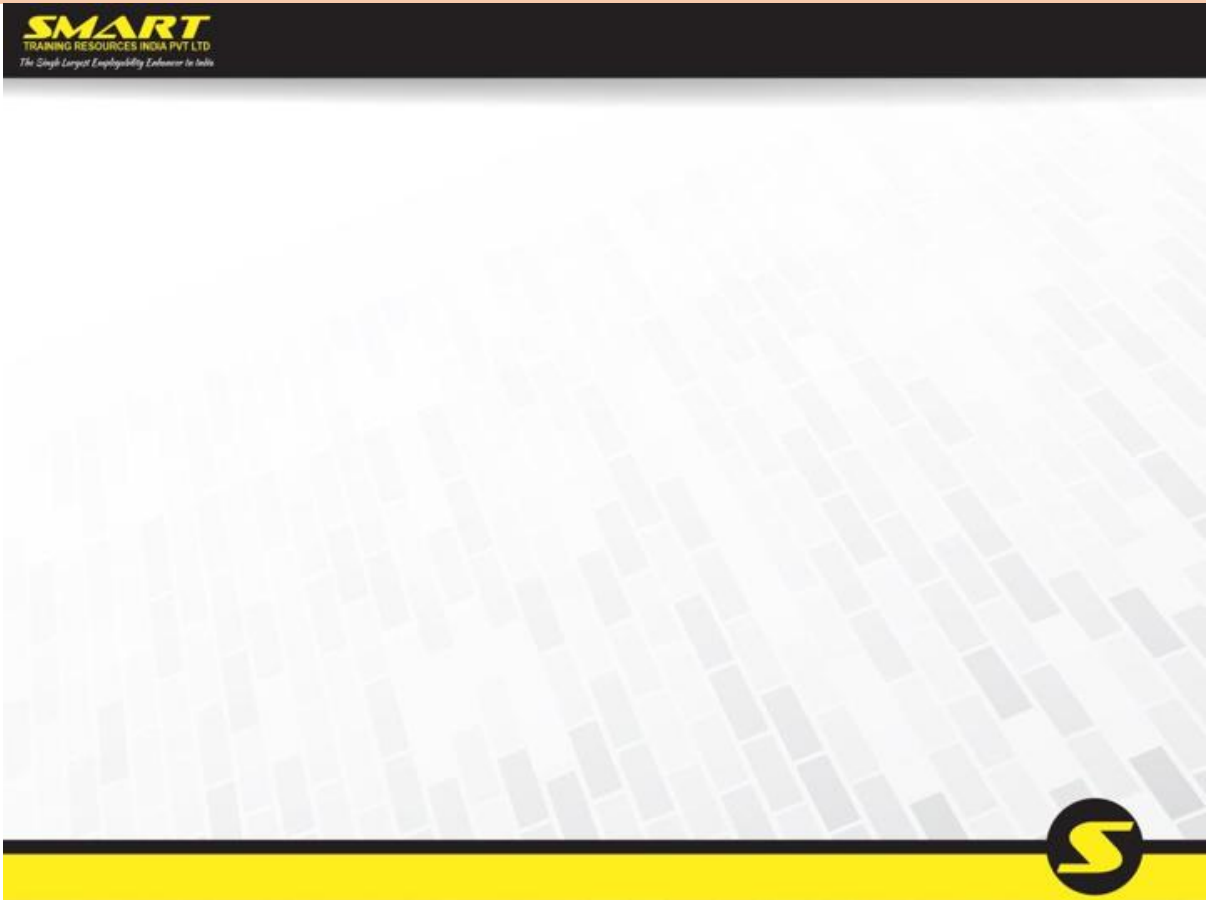
146. Sharmila is a chemistry teacher She forgot to bring her time-table and now wants to find out the schedule for XI-B She knows that there are four

subjects taught - Physics. Chemistry. Mathematics and Biology - in four consecutive periods or one hour each starting from 9 00 a m At what time is the Chemistry penod scheduled?
Statements:
I. Mathematics period ended at 11 00 a m which was preceded by Biology
II. Physics was scheduled in the last period

(a) I alone is sufficient while II alone is not sufficient
(b) II alone is sufficient while I alone is not sufficient (c) Either I or II s sufficient
(d) Neither I nor Ills sufficient

(e) Both I and II together are sufficient

147. Who is the fastest among the three workers X, Y and Z? Statements:

I. X and Y together take 12 minutes to paint a room.
II. X, Y and Z together can complete the work in 17 minutes.
(a) Statement I alone is sufficient in answering the problem question.
(b) Statement II alone is sufficient in answering the problem question.
(c) Both statements put together are sufficient in answering the problem question.
(d) Both the statements even put together are not sufficient in answering the problem question.
(e) Either of the statement is sufficient in answering the problem question.

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148. What is the area of the given rectangular field?
Statements:
I) The perimeter of the field id given
II) The diagonal of the field is given.

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not sufficient (e) Either of the statements is sufficient

149. The value of P2-2qr can be found if: Statements:
I) The value of p and q is given
II) The value of q+r is given

(a) Statement I alone is sufficient
(b) Statement II alone is sufficient
(c) Both statements put together are sufficient
(d) Both the statements even put together are not sufficient (e) Either of the statements is sufficient
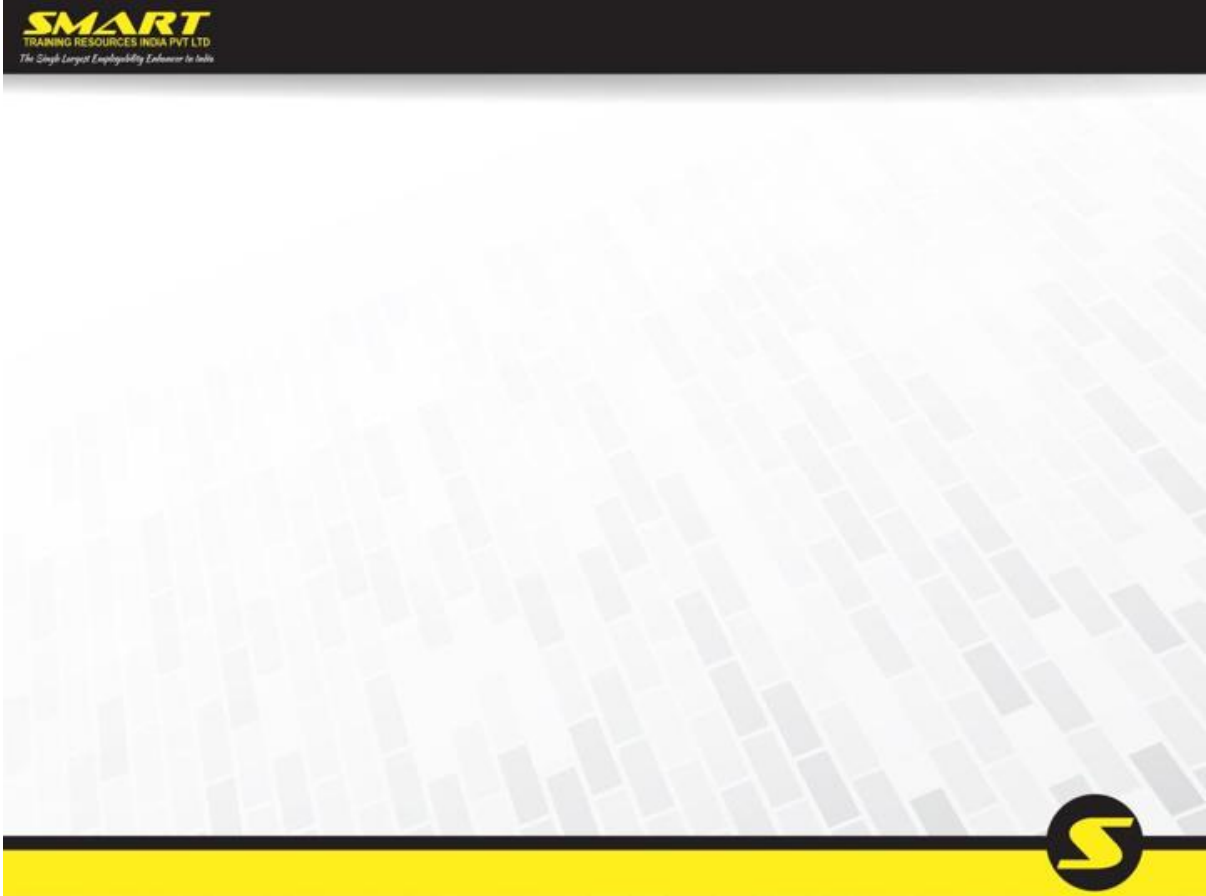
The question consists of a problem question followed by two statements I and II. Find out if the information given in the statement(s) is sufficient in finding the solution to the problem.

150. On which day was the car purchased by Shruti in 2009?

Statements
I) Certainly before 19th October, 2009 but definitely not before 16th October, 2009.
II) Certainly after 17th October, 2009 but not later than 20th October, 2009
(a) Statement I alone is sufficient in answering the problem question

(b) Statement II alone is sufficient in answering the problem question

(c) Both statements put together are sufficient in answering the problem question

(d) Both the statements even put together are not sufficient in answering the problem question

(e) Either of the statement is sufficient in answering the problem question

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151. In an office, a workforce of 66 employees is seated on three different floors. Each floor has different number of employees. How many employees

sit on the second floor which is the largest floor and has the maximum seating capacity?
I) One of the floors can seat two employees less than the second floor.
II) One of the floor accommodates 21 employees.

(a) Statement I alone is sufficient in answering the problem question
(b) Statement II alone is sufficient in answering the problem question
(c) Both statements put together are sufficient in answering the problem question
(d) Both the statements even put together are not sufficient in answering the problem question
(e) Either of the statement is sufficient in answering the problem question
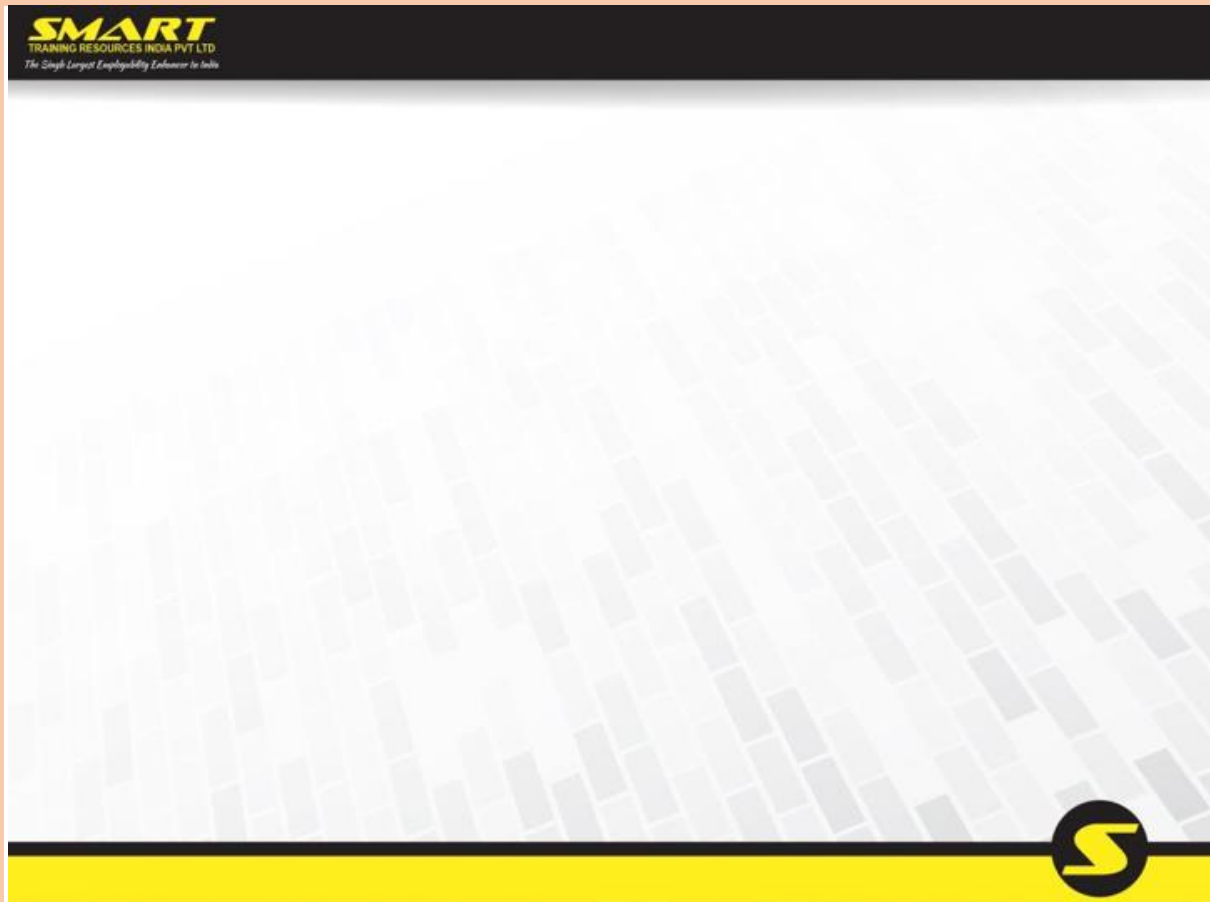
152. Given signs signify something and on that basis, assume the given statements to be true and find which of the two conclusions I and II is/are definitely true.

A+B means A is greater than B

A–B means A is less than B

A=B means A is greater than or equal to B A*B means A is equal to B

A/B means A is not equal to B

Statements

M-N, N*O, O-P

Conclusions

I) M-O
(a) Only conclusion I is true
(b) Only conclusion II is true
(c) Neither conclusion I nor II is true (d) Both conclusions I and II are true

II) N-P

153. Given signs signify something and on that basis, assume the given statements to be true and find which of the two conclusions I and II is/are definitely true.

A+B means A is greater than B
A–B means A is less than B

A=B means A is greater than or equal to B A*B means A is equal to B
A/B means A is not equal to B
Statements

D=E, E+F, F/G
Conclusions
I) D+F II) F*G
(a) Only conclusion I is true
(b) Only conclusion II is true
(c) Neither conclusion I nor II is true (d) Both conclusions I and II are true

154. A@B means A is the mother of B. A*B means A is the father of B.
A%B means A is the son of B.
A-B means A id the daughter of B.

If P@Q-R*S, then how is R related to Q? (a) Uncle (b) Father
(c) Grand father (d) Brother
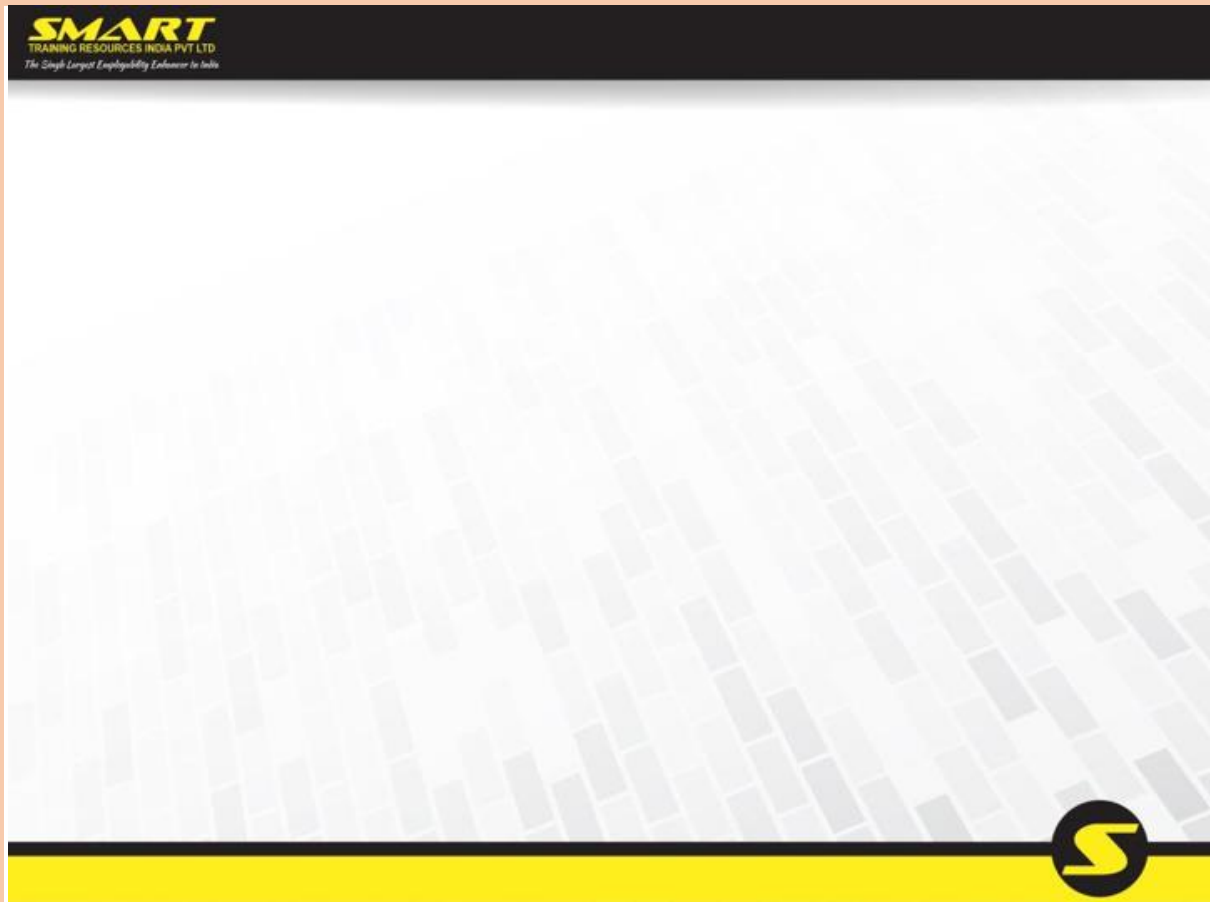
155. Given signs signify something and on that basis, assume the given statements to be true and find which of the two conclusions I and II is/are definitely true.

A+B means A is equal to B

A–B means A is less than B

A=B means A is not equal to B

A*B means A is greater than equal to B A/B means A is less than equal to B Statements

Q+R, R*S, S-T

Conclusions

I) S*T

(a) Only conclusion I is true

(b) Only conclusion II is true
(c) Neither conclusion I nor II is true (d) Both conclusions I and II are true

II) Q=R

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156. Given signs signify something and on that basis, assume the given statement to be true. Answer the question based on the information provided. "!" denotes "greater than"
"+" denotes "less than"

"$" denotes "equals to"

"X" denotes "not less than"

"%" denotes " not greater than"

A!B!C! does not imply

(a) B+A!C

(b) C+B+A

(c) C+A!B

(d) B+A+C
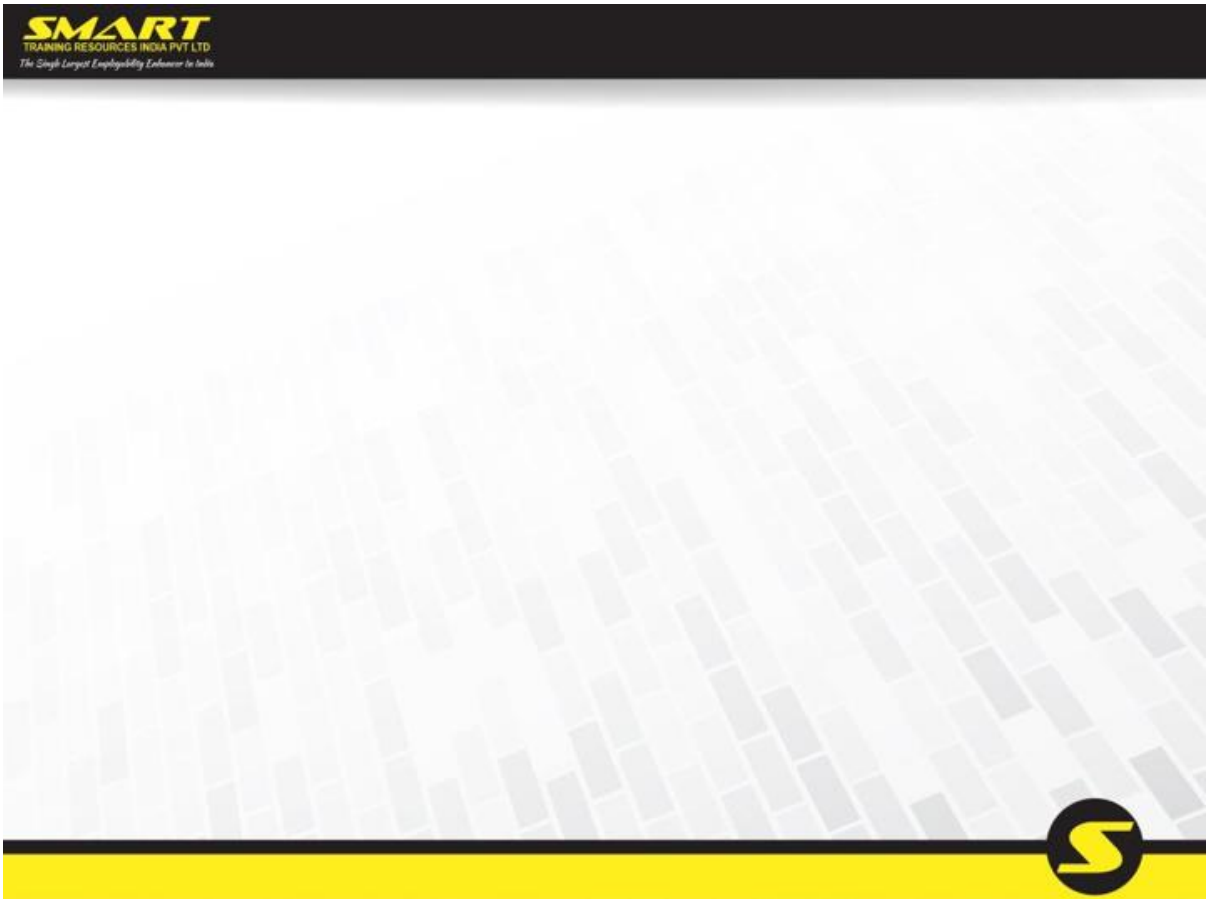
157. Symbol #, /, % and > mean following: A#B meanAisequaltoB

A/B mean A is half of B

A%B mean A is less than B

A>B mean A is 20 percent of B.

Using these symbols and taking the given statements as true, find out that which of the given conclusions is/are definitely true?

Statements

S>T, T#U and U/V

Conclusions

I. S%V

a) Only I is true

b) Only II is true

c) Both are correct

d) None of these is true

II. S>V

158. Symbol $, U, * and + mean the following: A$B means A is 30 percent of B

AUB means A is 5 greater than 5 times of B A*B means A is greater than B

A +B means A is square of B

Using these symbols and taking the statements as true, find out that which of the following conclusions is/are definitely true?

Statements

VUW, W$X and X+Y

Conclusion

I. V*Y

(a) Only I is true
(b) Only II is true
(c) Both are correct
(d) None of these is true

II. WUX

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Based on the given passage find out which of the following statements can be inferred from the passage.

159. Excessive amounts of mercury in drinking water, associated with certain types of industrial pollution have been

shown to cause Hobson's disease. Island L has an economy based entirely on subsistence level agriculture; modern industry of any kind is unknown. The inhabitants of Island L have unusually high incidence of Hobson's disease.

(a) Mercury in drinking water is actually perfectly safe.
(b) Mercury in drinking water must have sources other than industrial pollution. (c) Hobson's disease must have causes other than mercury in drinking water.
(d) Both options (a) and (b)
(e) Both options (b) and (c)

Based on the given passage find out which of the following statements can be inferred from the passage.
160. Social scientists have found that people who marry young are seldom prepared for material roles .Also the men and women who marry as young adults live longer than those who never marry. According to a study, young adults who are about to get married have fewer unhealthy habits, like smoking and uncontrolled drinking of alcohol, as compared with the other people of the same age.

(a) The institute of marriage forces young men and women to quit smoking and drinking.
(b) Those who marry at an older age live a shorter life than those who get married at a younger age.
(c) People who marry at an older age are well prepared to take up marital roles.
(d) Young adult who are not about to marry are more likely to have unhealthy habits than those who are about to marry.

Based on the given passage find out which of the statement can be inferred from the passage.

167. The company encourages its managers to interact regularly, without preset agenda, to discuss issues concerning the company and the society. This idea has been borrowed from the ancient Indian concept of religious congregation, called satsang. Designations are forgotten during these meetings; hence it is not uncommon in these meetings to find a management trainee questioning the Managing Director on some corporate policy or his knowledge of customers.

(a) The company is concerned about its reputation with its employees.

(b) The company believes in fostering the spirit of dialogue without degenerating it into a positioning based debate.
(c) The company had some inter-personnel problems in the past due to which it felt the need for those corporate satsangs.
(d) All of the above

Based on the given passage find out which of the statement can be inferred from the passage.
168. The world production of sugar has been reported to be very scarce as compared to the global sales for four years. The demand for sugar is extremely high but the supply has been low for quite some time now. This could be because of the

awful weather and also because some chief sugar growers have switched to high-priced jute. The price of sugar has soared in response to the phenomena of the demand supply disparity. The price of sugar now equals that of jute.

(a) Sugar production is profitable only when the price of sugar is as high as that of jute
(b) The sugar growers who had shifted to the higher priced jute, will now move back to producing sugar
(c) Demand for jute was higher than the demand for sugar, which made sugar growers shift their production
(d) If there continues to be a shortfall in the production of sugar, the price of sugar may even exceed that of jute

Based on the given passage find out which of the statement can be inferred from the passage.

169. Efficiency is all right in its place, in the shop, the factory, the store. The trouble with efficiency is that it wants to rule our play as well as our work; it won't be content to reign in the shop, it follows us home.

(a) Efficiency can become all pervading.
(b) Efficiency does not always pay.
(c) Efficiency can be more of a torture than blessing.
(d) None of these

Based on the given passage find out which of the statement can be inferred from the passage. 170. From Chennai to Himachal Pradesh, the new culture vultures are tearing down acres of India's architectural treasures. Ancestral owners are often fobbed off with a few hundred rupees for an exquisitely carved door or window, which fetches fifty times that much from foreign dealers, and yet more from the drawing shop sophisticates of the Western Countries. The reason for such shameless rape of the Indian architectural wealth can perhaps, not wrongly, be attributed to the unfortunate blend

of activist disunity and the local indifference. (a) India provides a rich market for unscrupulous antique dealers.

(b) Most Indian families have heirlooms which can be sold at high prices to Europeans and Americans.
(c) Only Indians are not proud of their cultural heritage and are hungry for foreign currency that is easily available in return of artifacts.

(d) The environment created by the meeting between activist disunity and local indifference is the reason for antique dealers to strive in India.
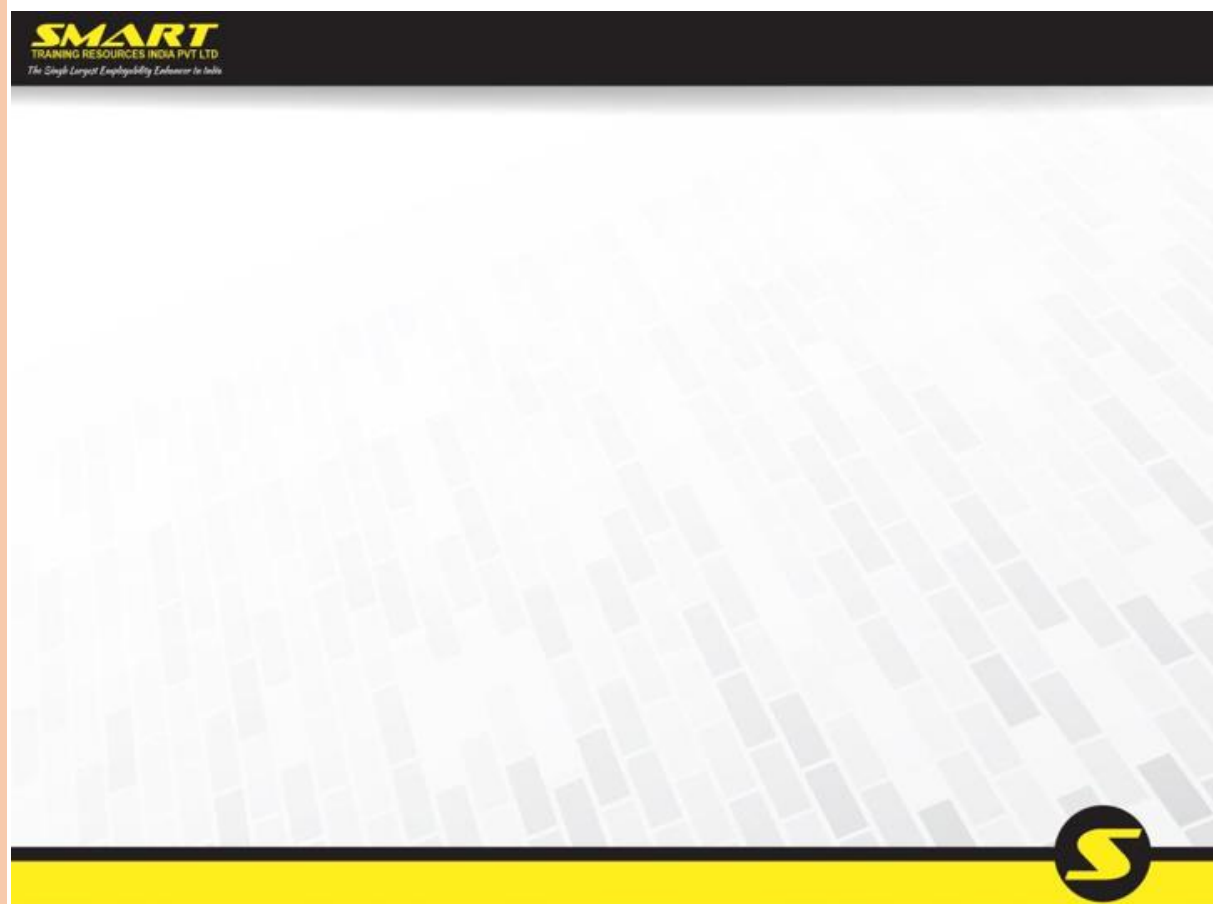
Based on the given passage find out which of the statement can be inferred from the passage.

171. There is a huge disparity of cost of manufacturing farm equipments in Brazil and France. Expenses related to manufacturing of farm equipments in Brazil are 15% lesser than those in France. It is also true that even after the imposition of various taxes and duties. It is still economical to import farm equipment from Brazil and then manufacture them in France.

a) To conclude whether farm equipment manufacture in Brazil would replace those manufactured in France. The quality of these machines would also need to be considered b) Demand for farm equipments is highly price sensitive

c) The import tax on farm equipments imported from Brazil is less than 15% of the cost of manufacturing machines in France

d) Importing farm machines from Brazil would need help France redeploy existing capacity into manufacturing those products that it has a cost advantage in
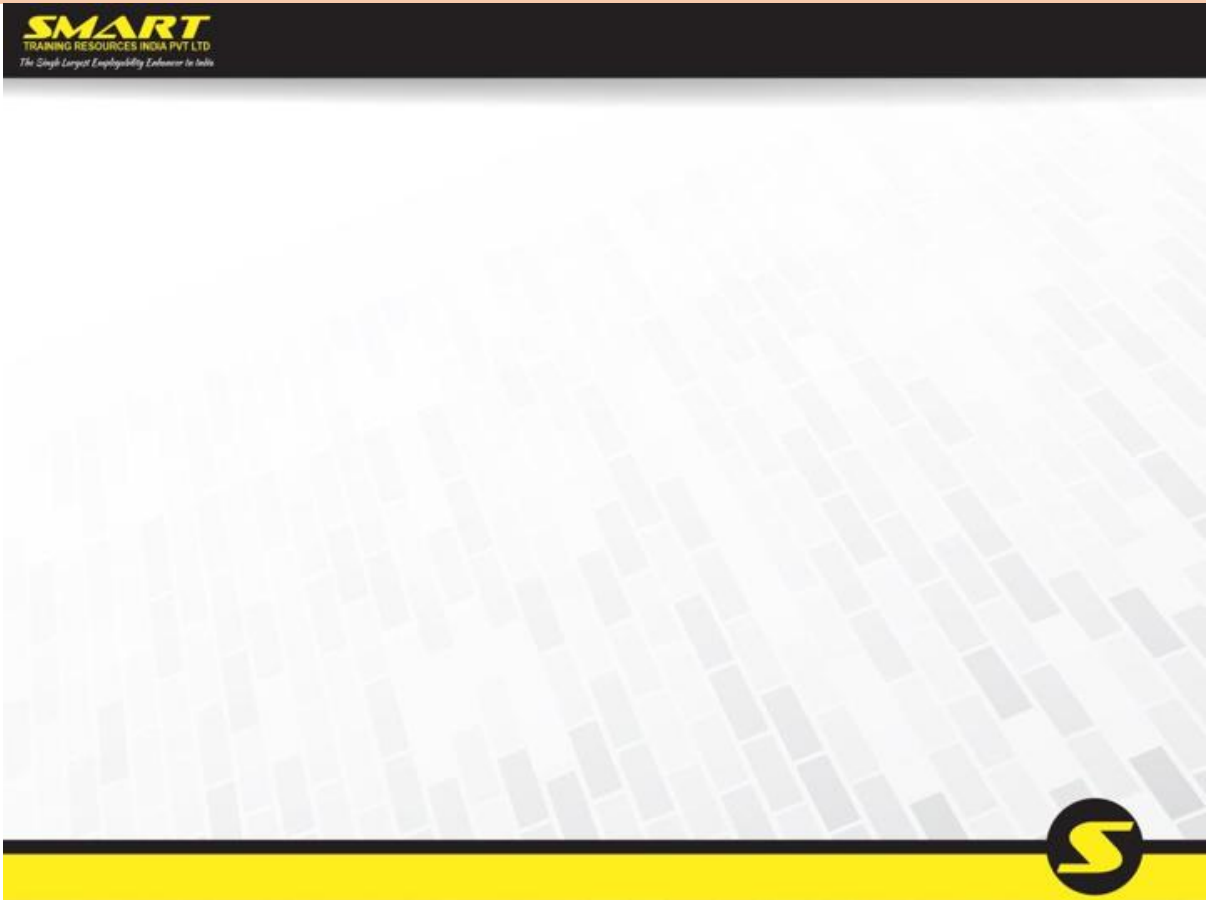
Based on the given passage find out which of the statement can be inferred from the passage.

172. Skeptics argue that flying saucers and UFOs that are believed to be guided by extraterrestrial beings or aliens are creations of human imagination. They have demonstrated that a number of photographs that apparently show flying saucers are either phony or are misinterpreted images of earthly or natural objects such as aeroplanes or meteors. However, there are scientists who have also contributed plenty of evidence and asserted that aliens do exist.

(a) Lack of credibility of photographic evidence should be taken as proof of non existence of aliens.

(b) While the existence of flying saucers and UFOs has been denied, the possibility of alien beings is still a reality.

(c) UFOs and flying saucers, if a reality, are of the same shape and size as aeroplanes.
(d) The fact that a number of photographs of flying saucers are fake cannot disprove the existence of aliens and UFOs.

Based on the given passage find out which of the statement can be inferred from the passage.
173. Deepa Mehta's Fire was under fire from the country's self-appointed moral police. Their contention was that the

film was a violation of the Indian cultural mores and couldn't be allowed to influence the Indian psyche. According to them, such films ruin the moral fabric of the nation, which must be protected and defended against such intrusions at all cost, even at the cost of cultural dictatorship.

(a) The assumption underlying the moral police's critique of Fire was that the Indian audience is vulnerable to all types of influence

(b) The assumption underlying the moral police's critique of Fire was that the Indian audience is impressionable and must be protected against 'immoral' influence

(c) The moral police thinks it has the sole authority to pass judgment on films screened in India

(d) None of these

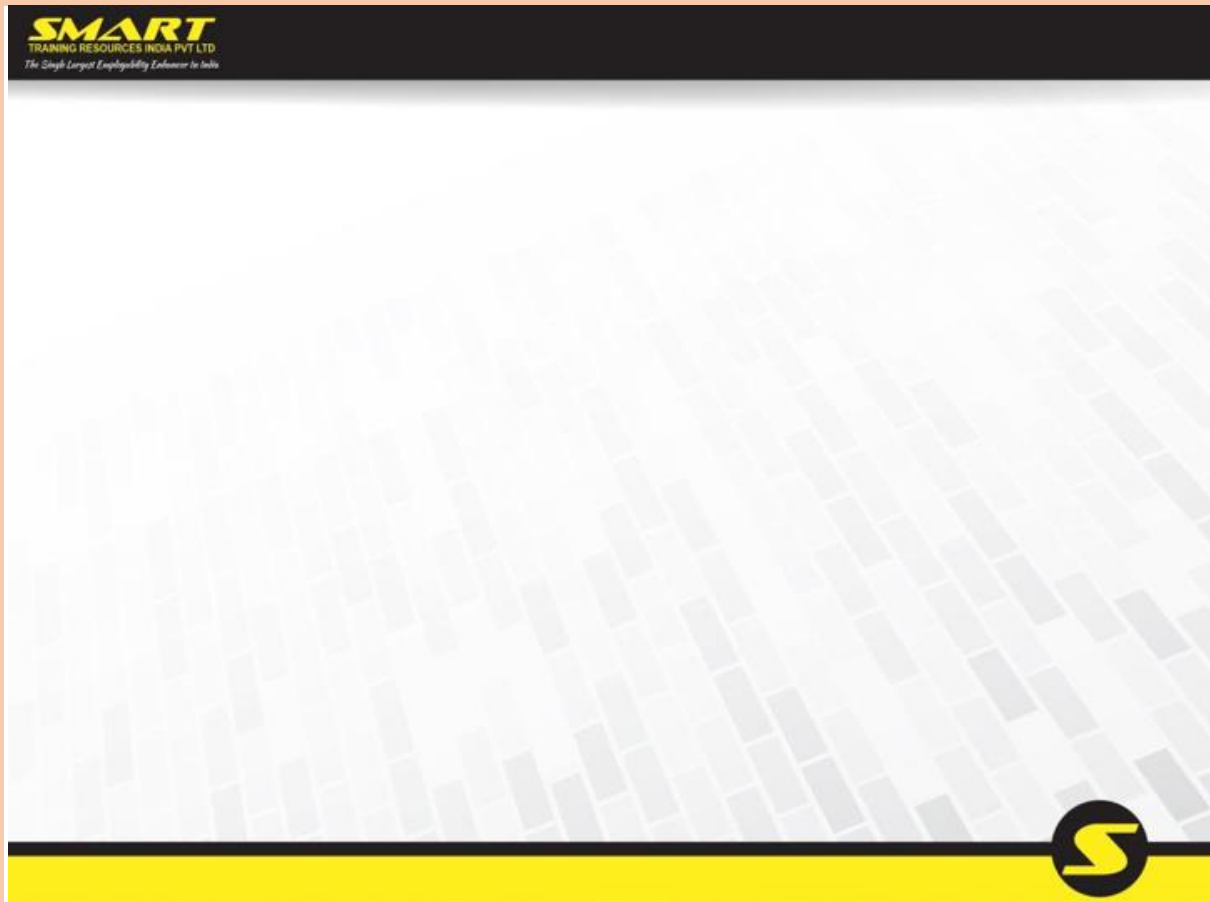Based on the given passage find out which of the statement can be inferred from the passage.

174. European cars have traditionally been smaller and more fuel-efficient than their giant American cousins, but current policy explicitly stresses eco-friendliness. For example, recent British legislation has linked to CO_2 emissions with the lowest tax rate of 15 percent on the list price reserved for cars emitting less than 165 gm/ km and rising by one per cent for each 5 gm increase in CO_2 levels.

(a) The English are unconcerned about the environment and rules have to be imposed upon them for the maintenance of a clean environment.

(b) The lesser the list price of a car, the greater is its fuel efficiency and so lesser the tax on it.

(c) The more fuel efficient a vehicle is, the more eco friendly it will be. (d) Fuel sufficient does not necessarily correlate with eco-friendliness.

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Based on the given passage find out which of the statement can be inferred from the passage.
175. Email overload has of late become a great cause of concern in all organisations. We have reached a stage where our Email habits control us. We are obsessed with checking

our mails now and then. We feel bored of working and we glance into our mail box hoping to have received some "scintillating" mail obviously, it also gives us an illusionary impression that we are working. Not missing any mail and replying to each of them has become a custom. Our addition to this leads to our ignorance of deadliness meeting, personal chit chat with fellow employees. It's a shame that we inculcated that habit of reading mail but not taking timely action on these mails.

(a) Employees find reading mails to be more interesting than working.
(b) Replying to each and every mail is not a good habit.
(c) Addiction of reading and replying to every mail has an adverse effect on our performance.
(d) All mails are sent on the premises that timely action be taken on them.

End of Session - 3 Thank You....

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