LIC AAOs EXAM MODEL PAPER

No. of Questions: 160   **Marks: 300**   **Time: 120 Mnts.**

REASONING ABILITY

Directions (Q.1 – 5): In this questions three statements followed by two conclusions numbered I and II have been given. You have to take the given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

1.   **Statements:** All keys are bullets.

Some keys are points.

No point is a game.

Conclusions: I. Atleast some bullets are points.

II. All games being keys is a possibility.

1) Either Conclusion I or II is true   2) Only Conclusion I is true

3) Only Conclusion II is true   4) Both Conclusions I and II are true

5) Neither Conclusion I nor II is true

2.   **Statements:** No sight is a vision.

Some visions are aims.

All aims are objectives.

Conclusions: I. All sights being aims is a possibility.

II. Atleast some objectives are visions.

1) Neither Conclusion I nor II is true   2) Only Conclusion I is true

3) Either Conclusion I or II is true   4) Only Conclusion II is true

5) Both Conclusions I and II are true

3.   **Statements:** No sight is a vision.

Some visions are aims.

All aims are objectives.

Conclusions: I. No objective is a sight.

II. No vision is an objective.

1) Only Conclusion I is true   2) Both Conclusions I and II are true

3) Either Conclusion I or II is true   4) Neither Conclusion I nor II is true

5) Only Conclusion II is true

4.   **Statements:** No file is a page.

No page is a document.

All words are documents.

Conclusions: I. No word is a page.

II. Atleast some words are pages.

R-29,1,2-2-16

1) Only Conclusion II is true

2) Neither Conclusion I nor II is true

3) Either Conclusion I or II is true

4) Both Conclusions I and II are true

5) Only Conclusion I is true

5. **Statements:** All keys are bullets.

Some keys are points.

No point is a game.

Conclusions: I. All points being bullets is a possibility.

II. No game is a bullet.

1) Either Conclusion I or II is true   2) Only Conclusion II is true

3) Only Conclusion I is true   4) Neither Conclusion I nor II is true

5) Both Conclusions I and II are true

Directions (Q. 6 – 10): Study the information and answer the given questions:

In a certain code language....

'best day to win' is written as **'dh ko pt se'**

'win of the day' is written as **'pt dh mi ax'**

'best of two worlds' is written as **'ax dv se cw'**

'the two different worlds' is written as **'cw mi dv gn'**

(All the codes are two letter codes)

6. Which of the following possibly means 'two beautiful worlds' in the code language?

1) dv ze cw   2) dv ze se

3) pt cw ax   4) dv nd mi

5) dv cw pt

7. What does code 'ax' stand for in the code language?

1) the   2) to   3) two   4) worlds

5) of

8. What is the code for 'different' in the code language?

1) mi   2) ko   3) pt   4) gn

5) dv

9. What is the code for 'best' in the code language?

1) pt   2) ax   3) mi   4) se

5) ko

10. What does code 'dh' stand for in the code language?

1) either 'day' or 'win'   2) either 'two' or 'worlds'

3) two   4) to

5) the

Directions (Q. 11 – 15): Study the following information to answer the given questions:

P, Q, R, S, T, U and V are sitting in a straight line facing north, with equal distance between each other. Each one of them was born on a different month of the year viz. January, February, March, April, May, June and July but not necessarily in the same order.

★   Only one person sits between the one born in June and V. V sits at one of the extreme ends of the line.

★   Only two people sit between the one born in June and R.

★   T sits third to right of the one born in February. Neither V nor R was born in February. The one born in February is not an immediate neighbour of V.

★   Q is one of the immediate neighbours of T.   Q was not born in June.

★   The one born in July sits to immediate left of U. Only one person sits between the ones born in July and January.

★   The one born in April sits to immediate right of P. V was not born in April. The ones born in April and May are not immediate neighbours of each other.

11.   Who amongst the following sits exactly in the middle of the line?

      1) S   2) P   3) Q   4) T

      5) R

12.   Who amongst the following represents the immediate neighbours of Q?

      1) The one born in March and S

      2) T and the one born in January

      3) R and T

      4) The one who was born in June and U

      5) The ones born in April and May

13.   Who amongst the following was born in January?

      1) S   2) P   3) V   4) Q

      5) T

14.   How many people are sitting between P and the one born in July?

      1) None   2) Three   3) One   4) Four

      5) Two

15.   In which month was U born?

      1) May   2) March   3) June   4) January

      5) February

Directions (Q. 16 – 20): Study the given information carefully and answer the given questions:

Eight people - E, F, G, H, I, J, K and L are sitting around a circular table facing the centre not necessarily in the same order. Each of them likes a different fruit namely - orange, mango, apple, peach, pineapple, grapes, plum and guava but not necessarily in the same order.

The one who likes apple sits fourth to the right of J. Only two people sit between the one who likes apple and I. The one who likes pineapple sits second to the left of I. H sits to the immediate right of the one who likes peach. H likes neither apple nor pineapple. The one who likes peach is not an immediate neighbour of the one who likes apple. The one who likes peach is not an immediate neighbour of J. J does not like peach. F sits to the immediate left of K. F does not like apple. K likes neither peach nor pineapple. The one who likes

grapes sits second to the left of the one likes peach. Only three people sit between the ones who likes plum and guava. I does not like guava. E sits third to the left of L. L does not like pineapple nor peach. K does not like orange.

16. What is the position of the K with respect to the one who likes orange?

    1) Second to the left   2) Third to the left

    3) Third to the right   4) Immediate right

    5) Second to the right

17. Four of the following five are alike in a certain way based on their seating position in the given arrangement and so form a group. Which one does not belong to the group?

    1) G – Guava   2) F – Pineapple   3) E – Orange   4) J – Grapes

    5) K – Mango

18. Who is sitting third to the left of the one who likes apple?

    1) The one who likes mango   2) E

    3) The one who likes peach   4) L

    5) J

19. Which of the following statements is true regarding H?

    1) G sits to the immediate right of H.

    2) E sits third to the right of H.

    3) The one who likes pineapple sits second to the right of H.

    4) H likes peach.

    5) Only three people sit between H and the one who likes grapes.

20. How many people are sitting between the one who likes guava and J when counted from the right side of J?

    1) More than three   2) Three   3) One   4) Two

    5) None

Directions (Q. 21 – 25): In this questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions.

    Read both the statements and select the appropriate answer.

21. **Statements:** $A = P \geq S < R \leq L$; $T \geq S$

    Conclusions: I. $T \geq R$ **II.** $L > S$

    1) Either conclusion I or II follows   2) Neither conclusion I nor II follows

    3) Only conclusion II follows   4) Only conclusion I follows

    5) Both conclusions I and II follow

22. **Statements:** $A = P \geq S < R \leq L$; $T \geq S$

    Conclusions I. $T = A$ **II.** $A < L$

    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

23. **Statements:** $U > N < I \geq M$; $Q < N \leq D$

    Conclusions I. $M \leq Q$ **II.** $M \leq D$

    1) Only conclusion I follows

    2) Neither conclusion I nor II follows

    3) Only conclusion II follows

    4) Both conclusions I and II follow

    5) Either conclusion I or II follows

24. **Statements:** $U > N < I \geq M$; $Q < N \leq D$

    Conclusions: I. $I > Q$ **II.** $U > Q$

    1) Only conclusion I follows

    2) Either conclusion I or II follows

    3) Only conclusion II follows

    4) Both conclusions I and II follow

    5) Neither conclusion I nor II follows

25. **Statements:** $C > R \geq E = T$; $R < D$; $T \geq Y$

    Conclusions I. $R \geq Y$ **II.** $Y < D$

    1) Both conclusions I and II follow

    2) Only conclusion II follows

    3) Either conclusion I or II follows

    4) Neither conclusion I nor II follows

    5) Only conclusion I follows

Directions (Q. 26 – 30): Study the information and answer the given questions.

Seven people L, M, N, O, P, Q and R live on separate floors of a 7 – floor building. Ground floor is numbered 1. First floor is numbered 2 and so on until the topmost floor is numbered 7.

P lives on floor number five. Only two people live between P and L. M lives on the floor immediately below

N. Only one person lives between R and Q. R does not live immediately below P. R does not live on the ground floor.

26. Who lives on the floor immediately above O?

    1) P   2) L   3) Q   4) R

    5) M

27. How many people live between the floors on which M and L live?

    1) More than three   2) Four   3) Three   4) None

    5) Two

28. Which of the following options represents the people living immediately above and immediately below P respectively?

    1) M, O   2) N, O   3) L, Q   4) Q, M

    5) M, L

29. Who among the following lives on floor number four?

1) O 2) M 3) N 4) Q

5) R

30. If Q and O interchange their places, and so do M and R, then how many people would be there between R and O?

1) More than four 2) Four 3) Two 4) One

5) None

QUANTITATIVE APTITUDE

Directions (Q. 31 – 35): Refer to the line graph and answer the given questions:

Income and expenditure of a businessman during7 different months.

Note: i) Profit = Income − Expenditure

ii) Loss = Expenditure − Income

iii) Percent Profit = (Profit/ Expenditure) × 100

iv) Percent Loss = (Loss/ Expenditure) × 100

31. What is the percent profit earned by the businessman in March and July together?

1) $90\frac{10}{11}$ 2) $92\frac{8}{11}$ 3) $93\frac{7}{11}$ 4) $86\frac{4}{11}$

5) $89\frac{1}{11}$

32. What is the average profit earned by the businessman in February. March, May, June and July together? (in Rs.Thousand)

1) 352 2) 376 3) 346 4) 342

5) 358

33. In August expenditure of the businessman was same as his expenditure in April. If his profit percent in August was $70\frac{10}{27}$. What was his income in that particular month? (in Rs.Thousand)

1) 940 2) 1020 3) 960 4) 920

5) 880

34. Total profit earned by the businessman in March and June together is what percent less than the total profit earned by him in May and July together?

1) $25\frac{32}{43}$ 2) $27\frac{15}{43}$ 3) $35\frac{1}{43}$ 4) $33\frac{10}{43}$

5) $30\frac{10}{43}$

35. What is the respective ratio between total profit earned by the businessman in February and June together and total loss incurred by him in January and April together?

1) 18 : 11   2) 28 : 19   3) 26 : 19   4) 24 : 17

5) 26 : 17

Directions (Q. 36 – 40): In this question two equations numbered I & II are given. You have to solve both the equations and find out whether.

36.   I. $x^2 + 9x + 20 = 0$ II. $y^2 + 14y + 48 = 0$

1) x < y   2) x ≥ y   3) x ≤ y   4) x > y

5) Relationship between x & y cannot be established

37.   I. $x^2 - 13x + 36 = 0$ II. $y^2 - 13y + 42 = 0$

1) x < y

2) x > y

3) x ≥ y

4) Relationship between x & y cannot be established

5) x ≤ y

38.   I. $9x^2 + 36x + 35 = 0$ II. $4y^2 + 23y + 28 = 0$

1) x ≤ y

2) x < y

3) Relationship between x & y cannot be established

4) x > y

5) x ≥ y

39.   I. $x^2 + 24x + 144 = 0$ II. $y^2 = 144$

1) x ≥ y

2) x < y

3) x ≤ y

4) Relationship between x & y cannot be established

5) x > y

40.   I. $2x^2 + 7x + 5 = 0$ II. $2y^2 + 11y + 15 = 0$

1) x < y

2) Relationship between x & y cannot be established

3) x ≥ y

4) x > y

5) x ≤ y

Directions (Q. 41 – 4 5): Based on the following table answer the given questions:

Different Schools	Total Number of Students	Average Marks in Different Subjects (out of 100)					
		English	Maths	Science	Social Science	Hindi	Computer Science
School P	30	58	54	52	59	96	78
School Q	38	89	92	73	78	75	84
School R	36	54	56	68	45	76	76
School S	48	92	88	85	92	76	85
School T	42	93	78	78	83	60	84
School U	35	78	80	64	68	66	78

41. The average marks secured by all the 18 female students of School S in Social Science are 88. What are the average marks secured by male students of the same School in the same subject?

1) 95.8   2) 94.4   3) 92.4   4) 88.6

5) 86.5

42. The average total marks obtained by students of school U in all the subjects together is approximately what percent less than average total marks obtained by students of school S in all the subjects together?

1) 18   2) 16   3) 19   4) 15

5) 12

43. The average marks obtained by students of School Q and School R in Hindi together is approximately what percent of average marks obtained by students of School T in the same subject?

1) 114   2) 134   3) 126   4) 146

5) 138

44. What is the respective ratio between the average total marks obtained by students of School P in Computer Science and Science together to those obtained by students of School U in the same subjects?

1) 63 : 73   2) 65 : 71   3) 71 : 81   4) 53 : 63

5) 55 : 59

45. The respective ratio of male students to female students in school T is 3 : 4. What are the average marks secured by all the male students of School T in English, if the ratio of total marks secured by male students to female students in English is 69 : 148?

1) 63   2) 59   3) 73   4) 75

5) 69

Directions (Q. 46 – 50): Refer to the pie chart and the table and answer the given questions.

Distribution of total number of cellular phones (Nokia and Samsung) sold by 6 different stores In 2001.

Total number:
72000
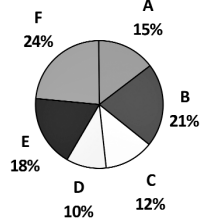
STORES	Respective ratio of number of Nokia cellular phones to Samsung cellular phones sold
A	3 : 2
B	9 : 5
C	4 : 5
D	5 : 3
E	7 : 8
F	11 : 7

46. Number of Nokia cellular phones sold by Store F is what percent more than the number of cellular phones (Nokia and Samsung) sold by store C?

1) $21\frac{1}{9}$ 2) $22\frac{2}{9}$ 3) $23\frac{5}{9}$ 4) $24\frac{1}{9}$

5) $20\frac{7}{9}$

47. Total number of Samsung cellular phones sold by stores C and D together is what percent of the number of cellular phones (Nokia and Samsung) sold by store A?

1) $66\frac{2}{9}$ 2) $72\frac{2}{3}$ 3) $69\frac{4}{9}$ 4) $62\frac{1}{9}$

5) $67\frac{1}{3}$

48. What is the difference between average number of Nokia cellular phones sold by stores B and E together and average number of Samsung cellular phones sold by the same stores together?

1) 1698   2) 1746   3) 1728   4) 1944

5) 1824

49. What is the central angle corresponding to the number of cellular phones (Nokia and Samsung) sold by store B?

1) 75.6°   2) 73.6°   3) 68.8°   4) 72.4°

5) 84.2°

50. What is the respective ratio between number of Nokia cellular phones sold by store A and number of cellular phones (Nokia and Samsung) sold by store D?

1) 7 : 10   2) 9 : 10   3) 13 : 15   4) 17 : 20

5) 19 : 20

Directions (Q. 51 – 55) : What will come in place of the question mark (?) in the given number series?

51.   11   ?   50   109   234   493

1) 23   2) 24   3) 21   4) 27

5) 22

52.   7   12   18   32   ?   178

1) 78   2) 87   3) 76   4) 73

5) 82

53.   7   15   27   ?   111   213

1) 55   2) 54   3) 57   4) 51

5) 59

54.   1   7   ?   199   661   1447

1) 39   2) 43   3) 41   4) 56

5) 28

55.   3   9   21   ?   93   189   381

1) 53   2) 48   3) 51   4) 41

5) 45

Directions (Q. 56 – 60): The questions consists of a question and two statements 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 choose the appropriate option:

56.   What is the rate of interest p.c.p.a.?

I. Simple interest accrued on an amount of Rs.20,000 in three years is 150% of the simple interest accrued on the same amount in two years.

II. Compound interest accrued on an amount of Rs. 20,000 in two years is Rs.8,800.

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

2) 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.

3) the data in both the statements I & II together is not sufficient to answer the question.

4) the data in both the statements I & II together is necessary to answer the question.

5) 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.

57.   What is the present age of Sudha?

I. Ratio between the present ages of Sudha and Vanita is 13 : 12 respectively.

II. Three years ago ages of Sudha and Vanita were in the ratio of 12 : 11 respectively.

1) 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.

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

3) the data in both the statements I & II together is not sufficient to answer the question.

4) 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.

5) the data in both the statements I & II together is necessary to answer the question.

58.   What is the speed of the train in kmph?

I. The train crossed a man standing at the platform in 8 seconds.

II. The train crossed another train running at the speed of 80 kmph in opposite direction in 6 secs.

1) 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.

2) the data in both the statements I & II together is necessary to answer the question.

3) the data in both the statements I & II together is not sufficient to answer the question.

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

5) 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.

59. What is the capacity of the cylindrical tank?

   I. Diameter of the base of the tank is equal to the side of the square whose area is 784 cm^2.

   II. Height of the cylindrical tank is half of the perimeter of the square.

   1) 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.

   2) the data in both the statements I & II together are necessary to answer the question.

   3) 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.

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

   5) the data in both the statements I & II together is not sufficient to answer the question.

60. How many children are participating in singing competition?

   I. Number of children participating in dance competition is one - third of the number of children participating in singing competition.

   II. Difference between number of children participating in singing competition and dance competition is 40.

   1) 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.

   2) 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.

   3) the data in both the statements I & II together is not sufficient to answer the question.

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

   5) the data in both the statements I & II together is necessary to answer the question.

GK & Current Affairs

61. In which year IRDA was constituted?

   1) 19th April, 2000   2) 19th April, 2001   3) 19th April, 2002

   4) 19th April, 2003   5) 19th April, 2006

62. Which of the following Public Sector companies provides insurance cover to exporters?

   1) ECGC   2) NABARD   3) SIDBI

   4) IRDA   5) EXIM

63. The main feature of the National Agricultural Insurance Scheme is to insure which of the following?

   1) Life of the farmer   2) Crop of the farmer

   3) Animals which are used in agricultural activities 4) Land of the farmer

   5) Vehicle which are used in agricultural activities

64. IFRS stands for ....

1) Indian Financial Reporting Standards   2) Indian Financial Reporting System

3) International Financial Reporting Standards   4) International Financial Reporting System

5) International Financial Reserve Services

65. The insurance companies collect a fixed amount from its customers at a fixed interval of time. What it is called?

1) Installment   2) Contribution   3) Premium

4) EMI   5) Electronic Clearing Service

66. Who is the author of "Midnight's Furies: The Deadly Legacy of India's Partition"?

1) Nisid Hajari   2) Mohammad Halid   3) Yasir Hameed

4) Mohammad Yousuf   5) William E. Colby

67. Who took over charge as the Flag Officer Commanding-in-Chief of the Southern Naval Command?

1) Vice Admiral Girish Luthra   2) Vice Admiral Kumar Chauhan

3) Vice Admiral Ajith Singh   4) Vice Admiral Bimraj Gupta

5) Vice Admiral Rohit Sharma

68. Government of India has marginally revised downward the economic growth for 2014 − 15 to .... from the earlier estimate of 7.3 percent.

1) 7.2%   2) 7.1%   3) 7.0%

4) 6.9%   5) 5.9%

69. The Government of India has decided to nominate .... for the UNESCO world heritage city tag this year.

1) Delhi   2) Mumbai   3) Varanasi

4) Ahmedabad   5) Agra

70. Alibaba.com, the wholesale trading platform of China's Alibaba group has unveiled its first physical trade facility centre in India at..........

1) Jaipur   2) Pune   3) Hyderabad

4) Bengaluru   5) Delhi

71. World Leprosy Day is observed internationally on ....

1) January 30th   2) January 31st   3) January 29th

4) January 28th   5) January 20th

72. K.V. Krishna Rao, who passed away recently, was a/ an ....

1) Former Army Chief General   2) Former Navy Chief General

3) Former Air Chief Marshal   4) Former National Security Advisor

5) Former President

73. Who is appointed as the new chairman of the CBDT?

1) Nishant Kumar   2) Atulesh Jindal   3) Yaseer Khan

4) Atul Sharma   5) K.V. Kamath

74. Prime Minister Modi to create a network for more job opportunities across villages. Name it ....

   1) Khadi Udyog   2) Khadi Gramudyog   3) Khadi Jobs

   4) Gram Khadi Udyog   5) Make in India

75. .... won first Syed Modi Grand Prix Gold.

   1) P.V. Sindhu   2) Parupalli Kashyap   3) Kidambi Srikanth

   4) Saina Nehwal   5) Huang Yuxiang

76. Novak Djokovic defeated .... in straight sets to win a record-equalling sixth Australian Open title.

   1) Andy Murray   2) Rafael Nadal   3) Roger Federer

   4) Stan Wawrinka   5) Leander Paes

77. The iron man of India is ....

   1) Jawaharlal Nehru   2) Nethaji Subhash Chandrabose

   3) Sardar Vallabhbhai Patel   4) Rajendra Prasad

   5) A.P.J. Abdul Kalam

78. The slogan "Swaraj is my birthright and I shall have it" was given by ....

   1) Ram Prasad Bismil   2) Vallabhbhai Patel   3) Bhagat Singh

   4) Bala Gangadhar Tilak   5) Jawaharlal Nehru

79. Which place is called Mountain Railways of India?

   1) Darjeeling   2) Nagpur   3) Vadodara

   4) Lucknow   5) Kota

80. Which is the largest Planetarium in India?

   1) Birla   2) Akola   3) Indira Gandhi

   4) Nehru   5) Gandhi

81. Where is Manjira River originate?

   1) Karnataka   2) Andhra Pradesh   3) Maharashtra

   4) Gujarat   5) Telangana

82. Corbillion Cup is associated with ......

   1) Hockey   2) Table Tennis   3) Golf

   4) Billiards   5) Cricket

83. Silver Revolution is associated with ....

   1) Silver   2) Milk   3) Egg and Poultry

   4) Horticulture   5) Onion

84. Pen is the symbol of ....

   1) Literature   2) Journalism   3) Culture and Civilization

   4) Education   5) Labour

85. Which ocean is referred as Herring Pond?

   1) Pacific Ocean   2) Atlantic Ocean   3) Indian Ocean

   4) Arctic Ocean   5) Southern Ocean

86. Who has been presented with the lifetime achievement award at NDTV Indian of the Year Awards?

1) Amitabh Bachchan   2) Shatrughan Sinha   3) Rishi Kapoor

4) Dharmendra   5) Kapil Sharma

87. .... gets world's longest cable car system.

1) Vietnam   2) Indonesia   3) UAE

4) UK   5) USR

88. Who has been appointed Senior Director for the Fragility, Conflict and Violence Group at the World Bank?

1) Atul Mittal   2) Saroj Kumar Jha   3) Satish Mishra

4) Salil Mehta   5) None

89. WHO declared .... as an international emergency.

1) Zika Virus   2) Ebola   3) HIV

4) None   5) H1N1

90. India has got its first underwater restaurant in ....

1) Hyderabad   2) New Delhi   3) Ahmedabad

4) Mumbai   5) Visakhapatanam

COMPUTER KNOWLEDGE

91. .... is the process of finding errors in software code.

1) Debugging   2) Running   3) Decoding

4) Testing   5) Bugging

92. What is the full form of ISDN?

1) Integrated Server Double Network   2) Integrated Shipping in Digital Network

3) Integrated Services Double Network   4) Integrated Services Digital Network

5) Inter Services Digital Network

93. Which of the following is contained at the end of the file name and helps to determine the type of computer file?

1) File nomenclature   2) File sub name   3) File extension

4) File property   5) File name

94. Which among the following is the odd one?

1) BIOS   2) CD / DVD   3) Floppy discs

4) Pendrive   5) Magnetic tape

95. EDP is the use of automated methods to process commercial data. EDP denotes ......

1) Electronic Data Presentation   2) Editing Data Presentation

3) Electronic Data Processing   4) Extended Data Processing

5) Empirical Data Processing

96. Ctrl + K will .... in a MS Word document.

1) change the font
2) underline highlighted section

3) open font preference widow
4) italic highlighted section

5) insert hyperlink

97. It is a hand-held device used as a pointing and/or drawing instrument. It is an input device that allows you to move the cursor around the screen. This device is a ....

1) Scanner
2) Mouse
3) Byte

4) Keyboard
5) Character

98. What is the primary input device used to enter information and instructions into the computer?

1) Printer
2) Keyboard
3) Scanner

4) Mouse
5) Disk drive

99. Signals that inform the OS that something happened are called ....

1) Interrupts
2) Operating system diversions

3) Distracters
4) Drivers

5) Program defects

100. .... is a software program for exploring the Internet.

1) DVD Software
2) Operating System
3) CD Software

4) Web Browser
5) Photo Software

101. Which of the following is not a binary number?

1) 1000
2) 1
3) 100

4) 11
5) 213

102. .... data and programs are stored in the hard drive.

1) Repetitive
2) Random
3) Volatile

4) Nonpermanent
5) Permanent

103. .... is a rigid storage device fixed permanently within a computer.

1) input device
2) special drive
3) hard drive

4) monitor
5) compact disk

104. What is a set of eight binary digits (bits that are either 0 or 1) that represent a letter, number, or symbol?

1) Bit
2) Kilobyte
3) Gigabyte

4) Byte
5) Megabyte

105. .... is a software program that can surf the web and interface with websites.

1) public domain
2) web browser
3) format

4) search
5) web interface

106. Which of the following is used to write Web pages?

1) HTML
2) Telnet
3) FTP

4) URL
5) HTTP

107. Starting a computer that is not already turned on is called a ....

    1) warm boot   2) cold load   3) cold boot

    4) hot boot   5) fast load

108. The .... protocol handles outgoing mail.

    1) Post Office Protocol (POP3)   2) IMAPI-3

    3) File Transfer Protocol (FTP)   4) Simple Mail Transfer Protocol (SMTP)

    5) Transmission Hypertext Mail System (THMS)

109. An operating system is which type of software?

    1) System software   2) Firmware software   3) Application software

    4) MS Windows   5) MS Office

110. A file name mydocument.docx would have been created in ....

    1) MS Word   2) Wordperfect

    3) MS Excel   4) MS Outlook

    5) MS Powerpoint

111. Which of the following statements is false concerning file names?

    1) Every file in the same folder must have a unique name.

    2) Files may share the same name or the same extension but not both.

    3) The file extension comes before the dot (.) followed by the file name.

    4) File extension is another name for file type.

    5) The file name comes before the dot (.)

112. Which of the following refers to a technique for intercepting computer communications?

    1) Phishing   2) Pretexting   3) Spoofing

    4) Hacking   5) Sniffing

113. An organisation that provides individuals and other companies access to the Internet and other related services such as Website building and virtual hosting is called ....

    1) SAP   2) OSP   3) ASP

    4) Telnet   5) ISP

114. Using someone else's personal information, such as a social security number, to establish bank or credit card accounts that are then left unpaid is known as ....

    1) Personal Impersonation Attacks (PIA)   2) Accountability theft

    3) Identity theft   4) Asset theft

    5) Debit fraud

115. Which Windows program do you use to manage folders and files?

    1) Windows Accessories   2) Windows Control Panel

    3) Windows Explorer   4) Microsoft Manager

    5) Microsoft Office

116. A(n) .... is a low-end inexpensive laptop with a small 9 or 10 inch screen and no optical drive.

    1) micropad   2) ultralite   3) netbook

    4) nettop   5) internet station

117. The effect of an accidental click on the Undo button, in Excel 2007 can be reversed by clicking ....

    1) Bold   2) Copy   3) Redo

    4) Paste   5) Save

118. .... is not an item of computer hardware.

    1) keyboard   2) speaker   3) printer

    4) icon   5) system base unit

119. Data and instructions are stored on special rom (read-only memory) chips on the board and are called the ....

    1) symbols   2) execute-code   3) microcode

    4) bios   5) flash

120. Which of the following are computers that can be carried around easily?

    1) Workstations   2) Supercomputers   3) PCs

    4) Minicomputers   5) Laptops

ENGLISH LANGUAGE

Directions (Q. 121-130): Read the following passage carefully and answer the given questions. Certain words are given in **bold** to help you to locate them while answering some of the questions.

Higher education is the next bubble. Facebook will replace classroom instruction. Textbooks will go away, and some colleges will too. In other words, everything is going to change. Or at least, that's the talk we in education and technology regularly hear these days it sounds exciting and to some, scary.

But it also sounds like what I heard during the dot-com boom of the 1990s when a lot of companies began using technology to "disrupt" the education status quo.

Since then we have made some important progress, but in many ways the classroom still looks the same as it did a 100 years ago. So what's different this time? Is all the talk just **hype?** Or are we really starting to see the beginnings of major change? I believe we are.

There are a lot of reasons but one of the biggest is the way that technology has given rise to a new kind of education consumer the active learner who is using technology to drive change in ways that we haven't seen before. In the past, change was usually a top-down process, led by campus administrators, district leaders and other officials. It was often slow in coming, if at all, look at technology.

Mainframe computing gave way to client/ server computing and later intranet computing These shifts were slow and phased - an orderly rollout from the administration with little urgency or room for consumer choice.

And why would there be? Typically students had few choices of any kind, particularly before new options, globalisation and competition began to put cracks in the traditional model of education delivery. But technology has finally tipped the balance. Today the power to drive real change lies with the learner, not the institution.

In the publishing industry, borders had difficulty meeting changing customer preferences in the digital era. While they struggled to adapt. Amazon established an open platform that gave users more control, letting readers buy and share and discover on their own terms. It let them go mobile with the Kindle and Kindle apps.

Education institutions are now **grappling** with the same challenge Borders faced: how to connect with sawier and more **discerning** consumers who have more options today than they did even a few years ago. These consumers, these active learners-have different expectations for their education experience. Administrators must be aware that active learners are willing to go elsewhere if they don't feel their expectations are being met.

Active learners spend more time using mobile apps than they do surfing the Web. They have instant access to information I used to spend countless hours hunting for in the local library. They spend 4 - 6 hours a week on social media, more time than they spend reading or writing E-mails. But they are often forced to "power down" when they enter the classroom. Instead of leveraging the mobile and social web to fuel exploration and discovery, education is often still an analogue, one - way activity: The instructor delivers information, students have to learn it. If we're really going to engage active learners, I believe that education needs to become much more open, mobile, social and analytical. Instead of relying only on a teacher and a textbook, students should be learning from each other and from countless sources online. In fact, they already are. Therefore, both educators and education companies should engage learners online and off through desktops and mobile devices, at night and on weekends. We should **harness** the learning activity data that is growing every day to give more insight to instructors and students and parents to help them improve.

So far the overall impact of technology in education has been modest compared to its impact in other fields. According to a research, 60 percent of students say their technology expectations are still not being met. But it is clear that today's students have more options than ever, with virtual schools, open education initiatives and massive open online courses and online classes and programmes.

Of course, technology is no silver bullet. And it's no replacement for good teaching. But no doubt education is becoming more of a marketplace. With budgets tight and revenue sources less predictable, institutions will need to compete and innovate in order to stay relevant.

Increasingly, education will be a choice made by learners who are looking for something different. And it's increasingly easy for them to differentiate between options that are serious about the future and those that aren't active learners move fast. To remain (or become) successful, institutions must keep up with them, or risk being left behind.

121. According to the author, which of the following is most important for the survival of Educational Institutes?

1) To eliminate the reliance of students on teachers completely

2) To replace classroom instruction with educating on Facebook

3) To reduce the fees charged to students

4) To make available to their students the latest technological gadgets

5) Other than those given as options

122. According to the author, which of the following best depicts the scenario of bringing about a change in education in the past?

(A) Bringing about a change was a very bureaucratic process and took a long time.

(B) It was difficult to bring about any change in education.

(C) Students had very little to no say in the change.

1) Only (A) and (C)   2) Only (C)

3) Only (B) and (C)   4) All the three (A), (B) and (C)

5) Only (A)

123. Which of the following is most **OPPOSITE** in meaning of the word given in **bold** as used in the passage?

Harness

1) ignore   2) loosen   3) release

4) bind   5) slacken

124. Which of the following is most **OPPOSITE** in meaning of the word given in **bold** as used in the passage?

Hype

1) secrecy   2) subdue   3) quiet

4) propaganda   5) reality

125. Which of the following is most nearly the **SAME** in meaning as the word given in **bold** as used in the passage?

Grappling

1) struggling   2) seizing   3) grabbing

4) catching   5) holding

126. Which of the following can be said about active learners, as mentioned in the passage?

(A) They are known to waste their time on accessing social media and are not interested in education.

(B) The routine classroom fails to harness their potential of learning.

(C) They have wider choices for getting education.

1) Only (C)   2) Only (B) and (C)

3) All the three (A), (B) and (C)   4) Only (A) and (C)

5) Only (A)

127. What is the author's opinion about the feasibility of technology aiding education?

1) Technology has the ability to improve education dissemination, but at present students are ill-equipped to deal with this change.

2) Technology changing the face of education is just an over reaction to the good quality and variety of technological gadgets available in the market today.

3) Technology will play a major role in education as the student demand for this is on the rise.

4) There is a dearth of the type of technology needed to bring about an effective change in education dissemination and thus it is not possible.

5) Other than those given as options.

128. Which of the following can be the most suitable title for the passage?

1) The Challenges Faced by Students in Adapting to New Technology

2) India and Technological Progress in Education

3) Education through Technology - The Panacea for Problems Related to Education

4) How Can Education Change the Face of Technology

5) Embracing the Approaching Education - Technology Revolution

129. Which of the following is most nearly the **SAME** in meaning as the word given in **bold** as used in the passage?

Discerning

1) subjective   2) astute   3) dividing

4) biased   5) unparalleled

130. Which of the following is true according to the author?

(A) Technology has empowered the student of today.

(B) Amazon saw success because of the flexibility it provided to its consumers.

(C) With the help of technology, teachers can encourage exploration and innovation amongst students.

1) Only (A) and (B)   2) Only (C)

3) All the three (A), (B) and (C)   4) Only (B) and (C)

5) Only (A)

Direction (Q.131 – 135): Which of the phrases given against the sentence should replace the phrase given 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 'No correction required' as the answer.

131. With the lure of big profits from avoiding duty, smugglers **has came up** with innovative ways to bring in gold ranging from swallowing nuggets to hiding bars in dead cows ....

1) are coming up   2) have come from   3) have come up with

4) has come up of   5) No correction required

132. Residents of a metropolitan city claim that the Tuga Bridge, **build of** plastic bottles, is the largest in the world ....

1) building from   2) being built of   3) built from

4) build from   5) No correction required

133. Technology, when deployed earnestly, can make the task of connecting with people an **effortless** one ....

1) effortlessly   2) fewer effortful   3) a less effortful

4) less effortless   5) No correction required

134. The Government proposes to implement a new education policy **aimed to met** the challenges posed by lack of quality education ....

1) aimed at meeting   2) aims to meeting   3) aiming to meeting

4) aiming at meet   5) No correction required

135. If you are always bored at the office and your co-workers don't inspire you, then you **may be too smartly from** your job..........

1) might get smartly from   2) might get smarter from

3) may be getting smartly with   4) may be too smart for

5) No correction required

Direction (Q. 136–140): Rearrange the given six sentences (A), (B), (C), (D), (E) and (F) in a proper sequence so as to form a meaningful paragraph and then answer the given question:

(A) Whereas male dominated sectors like construction and manufacturing suffered the brunt of the

recession and lost more than six million jobs in its aftermath.

(B) Such conditions, in turn, have forced men to take up jobs, out of desperation, with significantly less pay.

(C) "Where women have recovered all the jobs they lost during the recession, men have not"- she added

(D) One possible explanation for this gap in numbers could be that women tend to hold jobs in health, education and hospitality, all sectors which have weathered the economic turmoil of recent years comparatively well.

(E) "The last recession and recovery really showed how segregated the labour market is" - commented a renowned Economist.

(F) Facts also support this claim made by her- a record 67.5 million women are working today, up from the prior peak of 67.4 million last year whereas 69 million men currently have jobs, below their high of 70.9 million during the same period.

136. Which of the following should be the **FOURTH** sentence after the rearrangement?

1) A 　　　　　　　 2) B 　　　　　　　 3) C

4) F 　　　　　　　 5) D

137. Which of the following should be the **FIFTH** sentence after the rearrangement?

1) E 　　　　　　　 2) D 　　　　　　　 3) A

4) F 　　　　　　　 5) C

138. Which of the following should be the **FIRST** sentence after the rearrangement?

1) A 　　　　　　　 2) C 　　　　　　　 3) B

4) F 　　　　　　　 5) E

139. Which of the following should be the **SIXTH** (last) sentence after the rearrangement?

1) E 　　　　　　　 2) D 　　　　　　　 3) A

4) B 　　　　　　　 5) F

140. Which of the following should be the **SECOND** sentence after the rearrangement?

1) A 　　　　　　　 2) B 　　　　　　　 3) F

4) C 　　　　　　　 5) E

Direction (Q. 141-145): This question has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits the meaning of the sentence as a whole.

141. For the first time, two packs of striped hyenas have been .... in the reserve. There by .... hope for this endangered species.

1) sighted, raising 　　　 2) spotted, quelling 　　　 3) located, gathering

4) seen, garnishing 　　　 5) released, promoting

142. Working abroad may seem like a .... idea but it comes with its ....

1) good, package 　　　 2) bad, baggage 　　　 3) brilliant, alternative

4) rosy, challenges 　　　 5) excellent, limitations

143. The department is .... the bureau records and is saying that it did not lose properties to the .... of Rs.3048 crore in thefts.

1) seeing, amount   2) denying, total   3) disputing, tune

4) maintaining, cue   5) dismissing, sum

144. Officials said that they were in .... with the irrigation department and hoped the water problem would be ...... at the earliest.

1) negotiations, finished   2) talks, resolved   3) touching, over

4) dealings, cracked   5) association, available

145. A backache is one health issue which makes us .... and if not taken care of results in making our routine ....

1) hopeful, careful   2) uneven, stressful   3) annoyed, unbearable

4) restless, terrible   5) dreadful, fall

Direction (Q. 146–150): Read this sentence to find out whether there is any grammatical mistake / error in it. The error, if any, will be in one part of the sentence. Mark the part with the error as your answer. If there is no error, mark 'No error' as your answer. (Ignore the errors of punctuation if any).

146. As per revised estimates, the country's (1)/ economy has grown from a much higher rate (2)/ of 3.8 percent in this quarter (3)/ on account of more corporate and public investment. (4)/ No error (5).

147. As it has been three years, since (1)/ the last report case of polio in the country (2)/ the World Health Organisation will now formally (3)/ certify the country as being polio free. (4)/ No error (5).

148. Although the electricity from the dam (1)/ will benefit largely number of people (2)/ its construction will also endanger (3)/ many species offish and put marine life at risk. (4)/ No error (5).

149. Respect for women athletes is increasing (1)/ and the London Olympic Games in 2012 (2)/ were the first Olympic Games which (3)/ female athletes from all countries participated. (4)/ No error (5).

150. To tackle the problem of customers forgetting their passwords (1)/ banks are working on alternatives (2)/ one of which is that a customer has to correctly answer instead (3)/ a series of multiple choice questions based on its life. (4) No error (5).

Direction (Q.151–160): In the given passage there are blanks, each of which has been numbered. Against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case:

In addition to many different indicators such as GDP. Inflation and interest rates, the unemployment rate of a country is a very common **...(151)...** of determining the health of an economy.

However, there is an ongoing debate regarding the **...(152)...** to which the stock market should be guided by unemployment rates. It is a really simple argument, it should be merely common sense. If there are fewer people with jobs, then they have less **...(153)...** income to spend on investments.

Economists call unemployment a lagging indicator of the economy, as the economy usually improves before the unemployment rate starts to rise again. However, unemployment causes a sort of **...(154)...** effect across the economy.

With one person losing his job. There is one less person who will pay income taxes, one less person who will pay additional sales tax as a laid off worker will instantly cut back on his non-necessary spending and **...(155)...** about future financial security.

This is an issue, as many countries are facing a big debt crisis that requires higher tax revenues to **...(156)...** a default. If the country's gouvernment-is not financially **...(157)....** then the banks and the whole financial system will experience a **...(158)...** in confidence translating to a downturn in the value of the stock

market. In addition, practically every unemployed citizen will become **...(159)...** for unemployment insurance and will slowly start sucking money from the economy rather than **...(160)...** to it in the form of taxes, thus increasing the State's deficits and tax revenue.

151. 1) calculation   2) step   3) sign
      4) measure   5) gauge

152. 1) extent   2) range   3) scope
      4) length   5) stretch

153. 1) constructive   2) disposable   3) recyclable
      4) useful   5) refundable

154. 1) wave   2) tide   3) circular
      4) current   5) ripple

155. 1) secure   2) elate   3) mention
      4) calculate   5) worry

156. 1) conclude   2) surge   3) prevent
      4) protect   5) raise

157. 1) stable   2) rigid   3) safe
      4) substantial   5) firm

158. 1) dwindle   2) swing   3) shake
      4) decrease   5) shrunk

159. 1) prone   2) qualified   3) eligible
      4) desirable   5) entitled

160. 1) contributing   2) granting   3) supporting
      4) presenting   5) providing

KEY

1-4; 2-5; 3-4; 4-5; 5-3; 6-1; 7-5; 8-4; 9-4; 10-1; 11-4; 12-3; 13-1; 14-5; 15-3; 16-2; 17-1; 18-2; 19-3; 20-4; 21-3; 22-4; 23-2; 24-4; 25-1; 26-1; 27-3; 28-1; 29-1; 30-2; 31-1; 32-1; 33-4; 34-5; 35-5; 36-4; 37-4; 38-3; 39-3; 40-3; 41-2; 42-2; 43-3; 44-2; 45-5; 46-2; 47-3; 48-3; 49-1; 50-2; 51-1; 52-4; 53-5; 54-1; 55-5; 56-5; 57-5; 58-3; 59-5; 60-5; 61-1; 62-1; 63-2; 64-3; 65-3; 66-1; 67-1; 68-1; 69-4; 70-1; 71-2; 72-1; 73-2; 74-2; 75-2; 76-1; 77-3; 78-4; 79-1; 80-1; 81-3; 82-2; 83-3; 84-3; 85-2; 86-1; 87-1; 88-2; 89-1; 90-3; 91-4; 92-4; 93-3; 94-1; 95-3; 96-5; 97-2; 98-2; 99-1; 100-4; 101-5; 102-5; 103-3; 104-4; 105-2; 106-1; 107-1; 108-4; 109-1; 110-4; ; 111-3; 112-5; 113-5; 114-1; 115-3; 116-3; 117-3; 118-4; 119-4; 120-5; 121-4; 122-1; 123-2; 124-5; 125-1; 126-2; 127-3; 128-2; 129-1; 130-3; 131-3; 132-2; 133-5; 134-1; 135-4; 136-5; 137-3; 138-5; 139-4; 140-4; 141-1; 142-4; 143-2; 144-2; 145-4; 146-2; 147-4; 148-2; 149-3; 150-4; 151-5; 152-1; 153-2; 154-5; 155-5; 156-3; 157-1; 158-1; 159-3; 160-1.

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