SSC CHSL Tier 1 2017

(10th March - Shift 1)

Hindi

My sister will write an application
A. An application would be wrote by my sister.
B. An application will be wrote by my sister
C. An application will be written by my sister.
D. An application would written by my sister.

Ans. D

11. A sentence has been given in Direct/Indirect Speech. Out of the four given alternatives, select the one which best expresses the same sentence in Indirect/Direct Speech.
Rita said, "Alas! I am undone."
A. Rita said that she was undone.
B. Rita told me that she was undone.
C. Rita exclaimed sadly that she was undone.
D. Rita said that alas, she was undone.

Ans. C

12. In the following question, a word has been written in four different ways out of which only one is correctly spelt. Select the correctly spelt word.
A. Mellnia
B. Millennia
C. Millenia
D. Meilenia

Ans. B

13. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
One who has witnessed a debate _____ argument between two men _____ strong intellectually, one of whom is a trained logician and the other lacking this advantage, will never forget the impression produced _____ him by the unequal struggle. The conflict is like that of a _____ wrestler, untrained in the little tricks and turns of the science, in the various principles of applying force in a certain way at a certain time, at a certain place, with a _____ and experienced wrestler.
witnessed a debate _____ argument between
A. of   B. or
C. but   D. so

Ans. B

14. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
One who has witnessed a debate _____ argument between two men _____ strong intellectually, one of whom is a trained logician and the other lacking this advantage, will never forget the impression produced _____ him by the unequal struggle. The conflict is like that of a _____ wrestler, untrained in the little tricks and turns of the science, in the various principles of applying force in a certain way at a certain time, at a certain place, with a _____ and experienced wrestler.
two men _____ strong intellectually,
A. equal
B. equality
C. equals
D. equally

Ans. D

15. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
One who has witnessed a debate _____ argument between two men _____ strong intellectually, one of whom is a trained logician and the other lacking this advantage, will never forget the impression produced _____ him by the unequal struggle. The conflict is like that of a _____ wrestler, untrained in the little tricks and turns of the science, in the various principles of applying force in a certain way at a certain time, at a certain place, with a _____ and experienced wrestler.
impression produced _____ him by the unequal
A. upon   B. up
C. in   D. into

Ans. A

16. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
One who has witnessed a debate _____ argument between two men _____ strong intellectually,

one of whom is a trained logician and the other lacking this advantage, will never forget the impression produced _____ him by the unequal struggle. The conflict is like that of a _____ wrestler, untrained in the little tricks and turns of the science, in the various principles of applying force in a certain way at a certain time, at a certain place, with a _____ and experienced wrestler.

like that of a _____ wrestler, untrained

A. Powerful
B. Power
C. Powerfully
D. Powering

Ans. A

17. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

One who has witnessed a debate _____ argument between two men _____ strong intellectually, one of whom is a trained logician and the other lacking this advantage, will never forget the impression produced _____ him by the unequal struggle. The conflict is like that of a _____ wrestler, untrained in the little tricks and turns of the science, in the various principles of applying force in a certain way at a certain time, at a certain place, with a _____ and experienced wrestler.

certain place, with a _____ and experienced wrestler

A. trained
B. train
C. training
D. trains

Ans. A

18. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.
Be on the air
A. Broadcast over the radio or on TV.
B. Float like a bird.
C. To pass bodily gases.
D. Be very arrogant.

Ans. A

19. In the following question, out of the four alternatives, select the

alternative which best expresses the meaning of the idiom/phrase.
A diamond in the rough
A. Someone or something with potential or talent but lacking training or polish:
B. A person who dresses shabbily
C. A diamond will shine out even w hen it is not polished.
D. A person of character will shine through even in tough times.

Ans. A

20. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.
An opinion or conclusion formed on the basis of incomplete information
A. Proof
B. Conjecture
C. Clincher
D. Averment

Ans. B

21. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.
Protection or exemption from something, especially an obligation or penalty
A. Castigation
B. Immunity
C. Penance
D. Ostracism

Ans. B

22. In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".
I **(has been)** fortunate to travel with interesting co-passengers.
A. have been
B. have being
C. has being
D. no improvement

Ans. A

123. In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".
A bed sheet hung on the doorway sufficed till the doors **(is finally installed).**
A. Was finally installed

B.   Were finally installed
C.   Were finally install
D.   no improvement

Ans.   B

24.   The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.
Everyone around
A-stood as a mis fit among them
B-me turned out to be
C-an early-riser and I

A.   BAC   B.   CBA
C.   CAB   D.   ACB

Ans.   A

25.   In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.
A.   declination
B.   declenation
C.   declinasion
D.   declenasion

Ans.   A

26.   In the following question, select the related word pair from the given alternatives.
Truck:Vechile::?:?
A.   Car:Road
B.   Road:Stones
C.   Scooter:Tyre
D.   Green:colour

Ans.   D

27.   In the following question, select the related number pair from the given alternatives.
446 : 443 : : 552 : ?
A.   445   B.   549
C.   543   D.   551

Ans.   B

28.   In the following question, select the related letter/letters from the given alternatives.
HER : SVI : : MET : ?
A.   AVT   B.   RKG
C.   NVG   D.   LVA

Ans.   C

29.   In the following question, select the odd word pair from the given alternatives.
A.   Patient-Doctor
B.   Criminals-Police
C.   Student-Teacher
D.   Animal-Bird

Ans.   D

230.   In the following question, four number pairs are given. The number on left side of (−) is related to the number of the right side of (−) with

some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.
A.   10-14
B.   14-18
C.   12-16
D.   16-24

Ans.   D

31.   In the following question, select the odd letter/letters from the given alternatives.
A.   CDFI
B.   RSUX
C.   JKMP
D.   FGJM

Ans.   D

32.   Arrange the given words in the sequence in which they occur in the dictionary.
1. Jumbo Jet   2. Juggling
3. Justice   4.Jewel
5. Jealous
A.   54213
B.   23415
C.   12345
D.   42315

Ans.   A

33.   In the following question, select the missing number from the given series.
5,9,13,17,21,?
A.   32   B.   26
C.   25   D.   29

Ans.   C

234.   A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
XJ, WL, VN, UP, ?
A.   TU   B.   TR
C.   ST   D.   SU

Ans.   B

35.   In a row of boys, Rahul's position from the right end is 39th and Pankaj's position from the left end is 53rd. After interchanging their position, Rahul's position becomes 64th from the right end. How many boys are there in the row?
A.   118   B.   117
C.   116   D.   120

Ans.   C

36.   From the given alternatives, select the word which **CANNOT** be formed using the letters of the given word.
Ranking
A.   Ink   B.   Rain
C.   Acting   D.   King

Ans.   C

37. In a certain code language, **"PRANK"** is written as **"RUESQ"**. How is **"RATES"** written in that code language?
    A. XDTYF
    B. ZFTDX
    C. FDXTZ
    D. TDXJY
Ans. D

38. In a certain code language, '-' represents 'x', '÷' represents '+', '+' represents '÷' and 'x' represents '-'. Find out the answer to the following question.
    10 + 20 x 10 ÷ 20 - 8 = ?
    A. 43   B. 9
    C. 30   D. 8
Ans. D

39. The following equation is incorrect. Which two signs should be interchanged to correct the equation?
    16 ÷ 8 - 5 x 2 + 6 = 9
    A. + and x
    B. + and ÷
    C. - and +
    D. ÷ and x
Ans. A

40. If 4!4 = 4, 14!2 = 8 and 10!18 = 14, then find the value of 2!6 = ?
    A. 4   B. 8
    C. 18   D. 12
Ans. A

241. Which of the following terms follows the trend of the given list?
     BAAAAAA, AAAAAAB, ABAAAAA, AAAAABA, AABAAAA, _____.
     A. ABAAABA
     B. AAAABAA
     C. BAAAAAA
     D. AAAAABA
Ans. A

42. A river connects two towns A and B. It flows 37 miles South from town A, then it turns West and flows 23 miles, then it turns North and flows 40 miles, then it turns to its right and flows 23 miles to reach town B. Where is town A with respect to town B?
    A. 3 miles South
    B. 13 miles South
    C. 3 miles North
    D. 13 miles North
Ans. A

43. In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.
    Statement I: All mobiles are phones
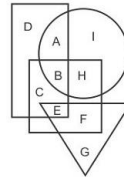   Statement II: All phones are devices
    Conclusion I: Some phones are devices
    Conclusion II: No devices are phones
    A. Only conclusion I follows
    B. Only conclusion II follows
    C. Both conclusions I and follow
    D. Neither conclusion I nor conclusion II follows
Ans. A

44. In the following figure, rectangle represents Art critics, triangle represents Comedians and square represents Asians. Which set of letters represents Asians who are both Art critics as well as Engineers?

    A. ECB   B. AB
    C. B   D. BH
Ans. C

245. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
     PEN,MBK,JYH,GVE,?
     A. ESB   B. DRC
     C. DSB   D. ERC
Ans. C

46. In the following question, select the missing number from the given series.
    101,97,93,89,?,81
    A. 85   B. 84
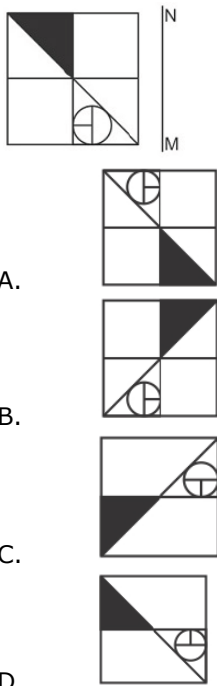   C. 83   D. 86
Ans. A

47. In the following question, four groups of three numbers are given. In each group the second and third number are related to the first number by a Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.
    A. (2,22,222)
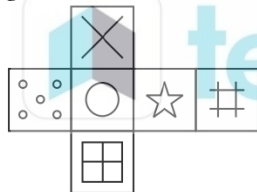   B. (3,33,333)
    C. (1,11,111)
    D. (4,44,4444)
Ans. D

48. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

A.

B.

C.

D.

Ans. B

49. Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?

A.

B.

C.

D.

Ans. B

50. A word is represented by only set of numbers as given by any one of the alternatives. The sets of numbers givn in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The colums and rows of Matrix-I are numbered from 0 to 4 and hat of Matrix-II are Matrix-II are numbered from 5 to 9. A letter matrices can be represented first by its row by its row and next by its column, for example 'A' can be represented by 31,23 etc and 'P' can be represented by 86,97 etc. Similarly, you have to identify the set for the word 'KILT'.

Matrix I					
	0	1	2	3	4
0	H	J	F	F	I
1	C	D	F	M	H
2	B	H	D	A	B
3	K	A	L	K	C
4	F	J	I	F	J

Matrix II					
	5	6	7	8	9
5	Z	V	Q	Y	X
6	Y	U	W	V	X
7	V	Z	T	V	T
8	Y	P	R	W	W
9	N	R	P	T	X

A. 33,86,33,78
B. 14,58,22,56
C. 30,42,32,77
D. 21,79,42,97

Ans. C

51. Find the number that is as much greater than 49 as is less than 95.
A. 23   B. 55
C. 72   D. 76

Ans. C

52. Tanzeem spent 1/5 of his salary on his friends, 1/10 of his salary on accommodation and 1/4 of his salary on savings. If he has Rs. 1800 left in his wallet,then find his total expenditure on accommodation and savings.
A. Rs, 1,200
B. Rs. 1,400
C. RS. 1,600
D. Rs. 1,800

Ans. B

53. What is the value of $(2-2z+z^2)(2+2z-z^2)$, when $z+\frac{2}{z}=2$?

A. 0   B. 2
C. 4   D. 8

Ans. A

54. Determine the value of 'z' in the equation $z = \sqrt{20 + \sqrt{20 + \sqrt{20 + \sqrt{20 + \dots \infty}}}}$

A. 4   B. 5
C. 20   D. 25

Ans. B

55. The point at which the perpendicular bisectors of the sides of a triangle intersect is known as _____.
A. Circum-centre
B. Orthocenter
C. Centroid
D. in-center

Ans. A

56. The radius of the circle circumscribing the three vertices of an equilateral triangle is 12 cm. Determine the height (in cm) of the equilateral triangle..
A. 12   B. 14
C. 18   D. 20

Ans. C

57. - If P = 350 and Q = 600, then P is how much percentage less than Q?
A. 41.66
B. 58.33
C. 71.42
D. 35.33

Ans. A

58. The ratio of two numbers is 5 : 4. If the sum of both the numbers is 180, then what is the larger number among both the numbers?
A. 100   B. 80
C. 60   D. 75

Ans. B

59. P started a business by the investing Rs 35000 and Q joined him after one year with an amount of Rs 21000. After two years from the starting of the business, they earned profit of Rs 26000. What will be the P's share (in Rs) in the profit?
A. 15000
B. 18000
C. 20000
D. 16000

Ans. C

60. If 31x + 31y = 403, then what is the average of x and y?
A. 3.5   B. 5
C. 6.5   D. 13

Ans. C

61. A sum of Rs 7500 is divided into two parts. The simple interest on first part at the rate of 12% per annum is equal to the simple interest on second part at the rate of 18%. What is the interest (in Rs) on each part for one year?
A. 600   B. 360
C. 480   D. 540

Ans. D

62. Selling price of a calculator is Rs 13924 and profit percentage is 18%. If selling price is Rs 10266, then what will be the loss percentage?
A. 17.2   B. 13
C. 14.9   D. 11

Ans. B

63. Rohit wants to earn 21% profit on a belt after offering 45% discount. By how much percentage more should he mark the price of his article above the cost price?
A. 75.45   B. 120
C. 102.5   D. 66

Ans. B

64. What is the value of $\sqrt{513 + \sqrt{144} + \sqrt{81 - \sqrt{64}} + ?}$?
A. 22   B. 21
C. 28   D. 19

Ans. A

65. Two taps P and Q can fill a tank in 24 hours and 18 hours respectively. If the two taps are opened at 11 a.m., then at what time (in p.m.) should the tap P be closed to completely fill the tank at exactly 2 a.m.?
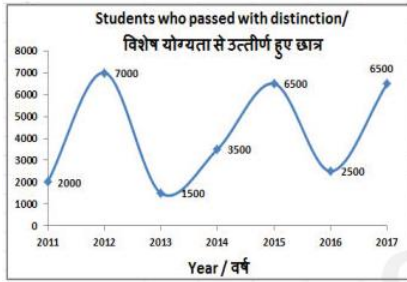A. 5   B. 2
C. 3   D. 4

Ans. C

66. If Anju walks at the speed of 4 km/hr, then he reaches his school 6 minutes late but if he walks at the speed of 5 km/hr, then he reaches 6 minutes before the scheduled time. What is the distance (in km) of his school from his house?
A. 4   B. 3
C. 6   D. 3.5

Ans. A

67. The line graph shows the number of students who passed with distinction in the given year from a certain university. Study the diagram and the answer the following questions.

In which year were number of students who passed with distinction were lesser than those who passed in the previous year?

| A. | 2012 | B. | 2014 |
| C. | 2013 | D. | 2015 |

Ans. C

68. The line graph shows the number of students who passed with distinction in the given year from a certain university. Study the diagram and the answer the following questions.
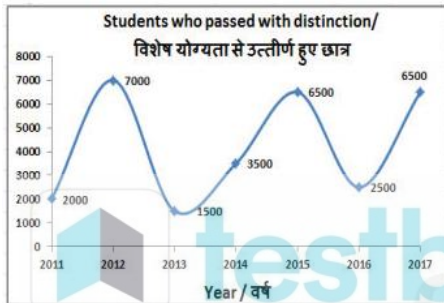

What was the difference in the number of students who passed with distinction between the years 2017 and 2014?

| A. | 6000 | B. | 5000 |
| C. | 4000 | D. | 3000 |

Ans. D

269. The line graph shows the number of students who passed with distinction in the given year from a certain university. Study the diagram and the answer the following questions..
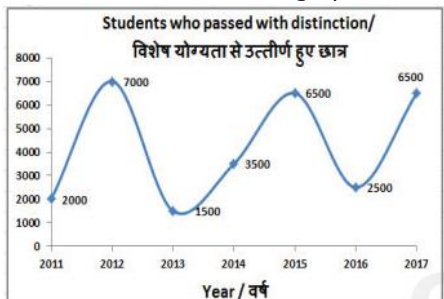

Number of students who passed with distinction in 2012 were greater than that in 2011 by _____.

| A. | 350% | B. | 100% |
| C. | 200% | D. | 250% |

Ans. D

70. The line graph shows the number of students who passed with distinction in the given year from a certain university. Study the diagram and the answer the following questions..
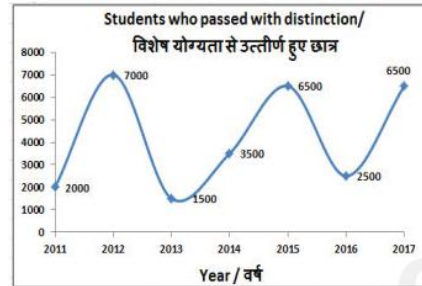

If students who pass with distinction are given a certificate, what is the number of certificates awarded in the last three years?

A. 16500
B. 15500
C. 14500
D. 13500

Ans. B

71. The length and breadth of a rectangle are 24 cm and 7 cm respectively. What must be the length of its diagonal (in cm)?

| A. | 50 | B. | 25 |
| C. | 28 | D. | 56 |

Ans. B

72. Find the perimeter (in cm) of a semicircle of radius 10.5 cm.

| A. | 84 | B. | 35 |
| C. | 70 | D. | 66 |

Ans. D

73. Find the total surface area (in cm²) of a right circular cylinder of diameter 42 cm and height 14 cm.

A. 3/2
B. 3/$\sqrt{2}$
C. 2-$\sqrt{3}$
D. (2$\sqrt{3}$ -$\sqrt{6}$)/2$\sqrt{2}$

Ans. A

74. What is the value of (2 - sin30°) ?
A. 2+$\sqrt{3}$
B. (2$\sqrt{2}$+ 1)/$\sqrt{2}$
C. (3+$\sqrt{2}$)/3$\sqrt{2}$
D. 5/$\sqrt{3}$

Ans. C

75. ΔPQR is right angled at Q. If cosP = 5/13, then what is the value of cosecR ?

| A. | 13/5 | B. | 5/12 |
| C. | 5/13 | D. | 13/12 |

Ans. A

76. The existence of a parallel economy (black money) _____.
    A. makes economy more competitive
    B. makes the monetary policies less effective
    C. ensures a better distribution of income and wealth
    D. ensures increasing productive investment
Ans. B

77. Garibi Hatao' (removal of poverty) and 'Growth with Justice' were the main objectives of _____.
    A. Plan Holiday
    B. Fourth Five Year Plan
    C. Rolling Plan
    D. Fifth Five year Plan
Ans. B

78. "Dhamek Stupa" is located at which of the following places?
    A. Bodh Gaya
    B. Samath
    C. Sanchi
    D. Kaushambi
Ans. B

79. How long the non-cooperation Movement was conducted?
    A. April 1 920 to February 1922
    B. September 1920 to April 1922
    C. June 1920 to December 1922
    D. December 1920 to June 1922
Ans. B

80. The Equator does **NOT** pass through which of the following countries?
    A. Kenya
    B. Mexico
    C. Indonesia
    D. Brazil
Ans. B

81. The boundary of which of the following state/country does NOT touch with Arunachal Pradesh?
    A. Assam
    B. Nagaland
    C. Bhutan
    D. Manipur
Ans. D

82. Achchhan Maharaj is associated with which of the following fields?
    A. Instrumental music
    B. Dance
    C. Painting
    D. Writing
Ans. B

83. In December 2017 Which country has signed an agreement with Sudan to build a nuclear power plant in the nation?
    A. China
    B. Pakistan
    C. Russia
    D. India
Ans. C

84. Which university has been ranked at the top in the Swachhta Ranking 2017 released by the Union Government?
    A. Banaras Hindu University
    B. Hyderabad University
    C. O.P jindal University
    D. Madurai University
Ans. C

85. The area of Nepal is approximately _____ square kilometres.
    A. 115187
    B. 128540
    C. 135789
    D. 147181
Ans. D

86. Which among the following has lowest electron affinity?
    A. Fluorine
    B. Chlorine
    C. Bromine
    D. Argon
Ans. D

87. Which of the following statement(s) about acids is/are **CORRECT**?
    I. They change the color of red litmus to blue.
    II. They change the color of blue litmus to red .
    III. They have pH value less than 7.
    A. Only I and III
    B. Only II and III
    C. Only I
    D. Only II
Ans. B

88. Comptroller and Auditor General of India submits the audit reports to _____.
    A. President of India
    B. Prime Minister of India
    C. Finance Minister of India
    D. Home Minister of India
Ans. A

289. 'Anti-defection law was passed in which Constitutional Amendment Act?
    A. 41st Constitutional Amendment Act
    B. 46th Constitutional Amendment Act
    C. 48th Constitutional Amendment Act
    D. 52th Constitutional Amendment Act
Ans. C

90. Why do the plant closes stomata when it does NOT need carbon dioxide for photosynthesis?
    A.   To store carbon dioxide
    B.   To prevent water loss
    C.   To release stored oxygen
    D.   No option is correct.
Ans. B

91. Alveoli are balloon like structures within the _____.
    A.   lungs
    B.   kidney
    C.   liver
    D.   heart
Ans. A

92. The SAMPADA (Scheme for Agro-Marine Processing Development of Agro-processing Clusters) scheme has been renamed to 'PMKSY'. What does 'K' stand for in 'PMKSY'?
    A.   Kissan
    B.   kritrim
    C.   Kaushal
    D.   kalyaan
Ans. A

93. Which is the second country in the world after France to construct a photovoltaic highway?
    A.   China
    B.   japan
    C.   Germany
    D.   Canada
Ans. A

94. As per a report released by RBI in August 2017, approximately how much percent of the demonetised currency returned to the central Bank?
    A.   99   B.   90
    C.   85   D.   80
Ans. A

95. On 19 September 2017, Law Ministry approved Fugitive Economic Offenders Bill, 2017. It will allow FIU, the premier technical snoop wing under the Finance Ministry, to file an application for declaration of fugitive economic offender. What does 'I' stand for in 'FIU'?
    A.   intellectual
    B.   intelligence
    C.   instruction
    D.   introduction
Ans. B

96. What is the power rating (in W) of a bulb if a current of 0.3 A passes through on application of 240 V of potential difference across its terminals?
    A.   800   B.   36

    C.   400   D.   72
Ans. D

97. In the equation of motion $v = u + at$, u represents _____.
    A.   initial velocity
    B.   final velocity
    C.   Kinetic energy
    D.   potential energy
Ans. A

98. A cyclone is known by different names in different parts of the world. It is called a '_____' in Japan and Philippines .
    A.   funnel
    B.   Whirlpool
    C.   twister
    D.   typhoon
Ans. D

99. Which of the statements given below are correct?
    A) Julio Granda won the 2017 World Senior Chess Championship.
    B) Tan Zhongyi won the 2017 World Junior Chess Championship.
    C) Russia hosted the Golf 2017 Players Championship
    A.   Only A
    B.   Only C
    C.   Both B and C
    D.   None of these
Ans. A

100. To delete columns or rows we can use the delete option under the _____ in Microsoft Word
    A.   Menu
    B.   Standard toolbar
    C.   Table Menu
    D.   Drawing toolbar
Ans. C