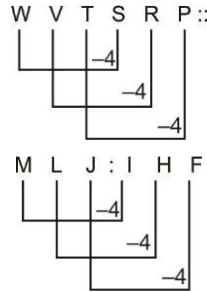


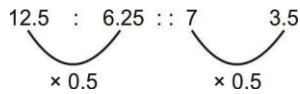
SSC CGL SPEED TEST - 14

1. (D)

2. (C)



3. (A)



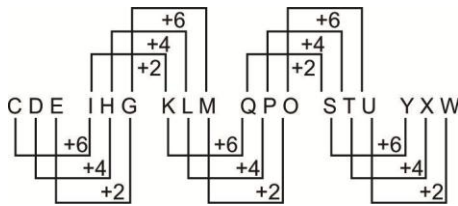
4. (D)

5. (A) -2, -1 series, except UTS (-1 series)

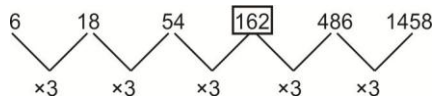
6. (C) Except 65, rest are multiple of 5

7. (A)

8. (A)



9. (D)



10. (C) 14 march Tuesday No. of days B/w two dates = 183

$$\begin{array}{r} 7 \overline{) 183} \quad (26 \\ \underline{14} \\ 43 \\ \underline{42} \\ 1 \end{array}$$

No. of odd days = 1

∴ 13th sept.

= Tuesday + 1 = Wednesday

11. (A) 260 = 90 + 40 + 80 + 50

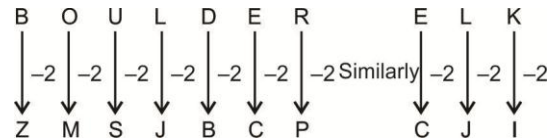
180 = 90 + 40 + 50

170 = 90 + 80

200 = Not a possible combination

12. (C) CHEAT, as there is not 'E' in LATCHING.

13. (C)



14. (A) 56 ÷ 8 + 12 - 72 = ?

$$56 - 8 \times 12 + 72$$

$$56 - 96 + 72$$

$$128 - 96$$

$$\Rightarrow 32$$

15. (C) 30 ÷ 6 = 5

$$24 \div 8 = 3$$

$$28 \div 7 = 4$$

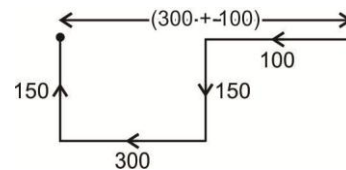
$$40 \div 8 = 5$$

16. (B) 100 + 34 = 134

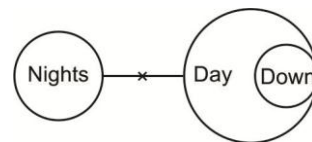
$$31 + 86 = 117$$

$$64 + 23 = 87$$

17. (C)



18. (A)



19. (D)

20. (B)

21. (D)

22. (D)

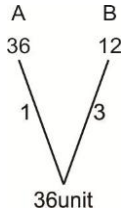
23. (B)

24. (B)

25. (B)

51. (C) $9997 \times 10003 = (10000 - 3)(10000 + 3)$
 $= 100000000 - 9$
 $= 99999991$

52. (D)



So, work together

$$= \frac{36}{4} = 9 \text{ days}$$

53. (C) Area of Rhombus = $\frac{1}{2} \times d_1 \times d_2$
 $= \frac{1}{2} \times 12 \times 14$
 $\Rightarrow 84 \text{ cm}^2$

54. (B) Discount = $\frac{(5000 - 4400)}{5000} \times 100$
 $= 12\%$

55. (C) Given Ratio = 9 : 11
 Previous original fare = 18000
 Increased fare = $\frac{18000}{9} \times (11 - 9)$
 $= 4000$

56. (D) $I + II + III = 40 \times 3$
 $= 120$... (i)
 $I = \frac{1}{3} (II + III)$... (ii)

$$I = \frac{1}{3} (120 - I)$$

$$4I = 120$$

$$I = 30$$

57. (C) Given that 10% cotton spoiled mean 450 kg is still in good condition for selling
 so, price = $\frac{9000}{450}$

$$= 20 \text{ Rs./kg}$$

If we want 10%

$$\text{profit} = 20 + 2$$

$$= 22 \text{ Rs. /kg}$$

58. (B) 40% of maximum marks = (67 + 13)

$$\text{So, the maximum marks} = \frac{80}{40} \times 100$$

$$= 200$$

59. (B) Speed = $1260 \times \frac{5}{8} = 350 \text{ m/sec}$

Distance travel in $\frac{1}{10}$ th of a second

$$= \frac{350}{10}$$

$$\Rightarrow 35 \text{ meters}$$

60. (B) $\frac{CI \text{ of 3 years}}{CI \text{ of 2 years}} = \frac{P \left(1 + \frac{r}{100}\right)^3}{P \left(1 + \frac{r}{100}\right)^2}$

$$= \frac{1926}{1800}$$

$$\frac{r}{100} = \frac{126}{1800} \Rightarrow r = 7\%$$

61. (A) $\frac{-x}{2} + \frac{5}{2} + 3 = \frac{-5}{2}$

$$= \frac{-x}{2} = -5 - 3$$

$$\Rightarrow x = 16$$

62. (C) $a - b = 1, ab = 6$

the value of $a = 3,$

$b = 2$ satisfied the equations

$$\text{So, } a^3 - b^3 = 27 - 8$$

$$\Rightarrow 19$$

63. (D) Let the is = x

$$x = 58 \times \frac{1}{2} \times \frac{3}{4}$$

$$x^2 = 58 + \frac{3}{4}x$$

$$4x^2 - 3x - 232 = 0$$

check by using options

$x = 8$ satisfied the equation.

64. (A) The sum of Arithmetic progression

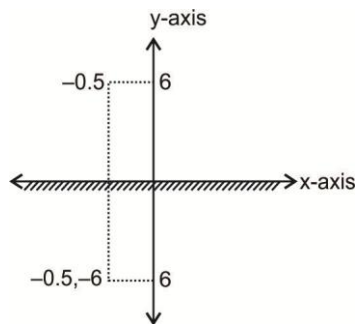
$$= S_{13} = \frac{n}{2} (a + l)$$

$$= \frac{13}{2} [-10 + 26]$$

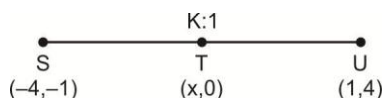
$$= \frac{13}{2} \times 16$$

$$\Rightarrow 104$$

65. (D)



66. (A)



By section formula

$$\frac{4k + 1 \times (-1)}{k + 1} = 0$$

$$4k = 1$$

$$k = \frac{1}{4}$$

\Rightarrow The required ratio is 1 : 4

67. (D) $2x - 3y = 6$, cuts the y-axis means put x

$$= 0,$$

$$0 - 3y = 6$$

$$= y = -2$$

So, $(0, -2)$

$$68. (C) \frac{\text{Area of } \Delta ABC}{\text{Area of } \Delta PQR} = \left(\frac{AB}{PQ} \right)^2$$

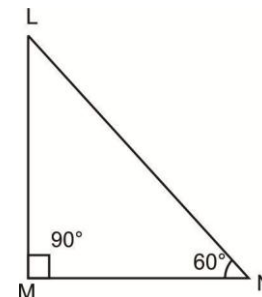
$$\Rightarrow \sqrt{\frac{36}{9}} = \frac{AB}{4}$$

$$AB = 8 \text{ cm}$$

$$69. (D) \cot 45^\circ + \operatorname{cosec} 60^\circ = 1 + \frac{2}{\sqrt{3}}$$

$$= \frac{(\sqrt{3} + 2)}{\sqrt{3}}$$

70. (B)



$$M < L = 30^\circ$$

$$\tan 30^\circ = \frac{1}{\sqrt{3}}$$

$$71. (B) \tan \theta = \frac{4}{3}$$

$$\sin \theta = \frac{4}{5}$$

Triplet (3, 4, 5)

72-75

72. (D) Second biggest expense of the company
= 25% electricity.

73. (D) Req. Ratio = $\frac{30+15}{15} = \frac{3}{1}$

74. (A) Required % = $\frac{(10-5)}{5} \times 100$
= 100%

75. (C) Total expenses on transport and
electricity = 40% of 50 crores
⇒ 20 crores

76(C):

Error lies in the (c) part of the sentence , as , banged
“against” the wall should be used.
Bang or strike is followed by “against”.

77(D):

NO ERROR

78(D):

Option d , i.e. “landmark” best suits in the given blank .
Landmark- an object or feature of a landscape or town
that is easily seen and recognized from a distance.

79(D):

Option d , can be filled in the given blank ,
Inexplicable - unable to be explained or accounted for.

80(B):

Option b i.e. ENTICE is similar to the given word ,
Cajole – to persuade (someone) , to do something .
Entice has the same meaning as cajole .

81(C):

Option c, is the most similar to the given word,
Fustian: pompous or pretentious speech or writing.

82(C):

Cavalier: showing a lack of proper concern
Humble: modest or respectful.
Thus , option c is the antonym for the given word.

83(A):

Vigilance: the action or state of keeping careful watch for
possible danger or difficulties.
Indifference: lack of interest, concern.

Thus , option a is the antonym for the given word.

84(C): option c , depicts the right meaning of the given
phrase
i.e. Call someone on the telephone

85(D):

Leave no stone unturned: try every possible course of
action in order to achieve something.

86(B):

“would have” as a helping verb will take “loved” with it.

87(A):

it will take “have” with it and “have” will take 3rd form of
verb with it thus “have been” is correct.

88(C):

Option C, can best substitute the given phrase
Sanctity: the state or quality of being holy, sacred.

89(A):

Option A , can best substitute the given phrase
Volatile: easily evaporated at normal temperatures.

90(D)**91(D)****92(C):**

The Correct Sequence Is - YZX

93(D):

The Correct Sequence Is - YZX

94(D)**95(D)****96(A):**

With Reference To The Last Lines Of 1st Paragraph, It Is
Clear That , Queen Victoria Ruled Great Britain For 64
Years.

97(D):

98(B): “LANDMARK” , is the right choice
With Reference To The 2nd Last Line Of Last Paragraph ,
Landmark Becomes The Right Option .

99(B)**100(D)**

SSC CGL (TIER-1)- SPEED TEST – 14**ANSWER KEY**

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