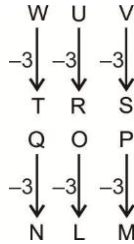


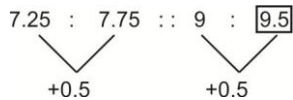
SSC CGL SPEED TEST - 16

1. (B) Shape of spring in spiral & shape of bangle is circle.

2. (D)



3. (A)



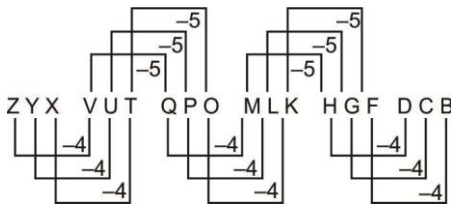
4. (D) Housefly is an insect.

5. (B) -1, +2 series except XWV (-1 series).

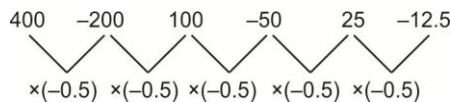
6. (D) Except 640, all are multiples of 50.

7. (B) position of letter 'o' shifts to its right.

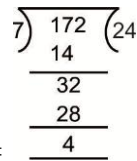
8. (A)



9. (A)



10. (D) 29 may - Monday



No. of odd days = 4

∴ 17th now ⇒ Monday + 4 = Friday.

11. (B) 250 = 30 + 70 + 60 + 90

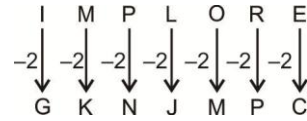
190 = 30 + 70 + 90

220 = 70 + 60 + 90

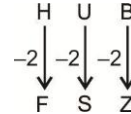
200 = Not a possible combination.

12. (B) TEAMS as there is no 'a' in MYSTIQUE.

13. (C)



similarly



14. (D) $72 \times 9 - 14 + 2 = ?$

$$72 \div 9 + 14 \times 2$$

$$8 + 28$$

$$\Rightarrow 36$$

15. (D) $(52 - 32) \times 2 = 40$

$$(22 - 20) \times 2 = 4$$

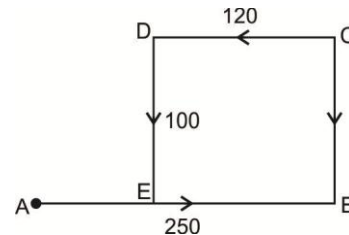
$$(15 - 11) \times 2 = 8$$

16. (C) $(6)^3 = 216$

$$(2)^4 = 16$$

$$(7)^2 = 49$$

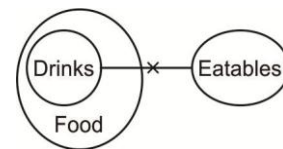
17. (A)



$$AE = 250 - 120$$

$$= 130 \text{ m in east A.}$$

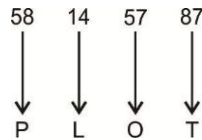
18. (D)



I X

II X

19. (B)
20. (A)
21. (B)
22. (B)
23. (A)
24. (A)
25. (A)

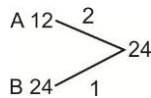


51. (A)

$$\begin{array}{r} 9 \overline{) 213} \quad (23 \\ \underline{18} \\ 33 \\ \underline{27} \\ 6 \end{array}$$

= 213 completely Divisible 9 we must
add = 9 - 6
⇒ 3

52. (B)



If they work 4 days

$$= 4 \times 3 = 12 \text{ work done}$$

So, remaining work is $\frac{12}{24} = \frac{1}{2}$ work

53. (D) Area of equilateral triangle = $\frac{\sqrt{3}}{4} \times 6 \times 6$
⇒ $9\sqrt{3} \text{ cm}^2$

54. (B) effective discount

$$= \left(-20 - 25 + \frac{20 \times 25}{100} \right)$$

$$\Rightarrow -40\%$$

55. (A) B gets profit = $12,400 \times \frac{7}{20}$

$$\Rightarrow 4340$$

56. (B) Required value of Q

$$\begin{aligned} & (47 \times 3) - [47 \times 3 - 65] + [47 \times 3 - 97] \\ & = 141 - [76 + 44] \\ & = 141 - 120 = 21 \end{aligned}$$

57. (B) Let the SP of 1 item be Rs. 1

SP of 5 items = Rs. 5

∴ Profit earn = Rs. 1 (SP of 1 items)

CP of 5 items = Rs. (5 - 1) = Rs. 4

$$\therefore \text{Profit \%} = \frac{1}{4} \times 100$$

$$\Rightarrow 25\%$$

58. (D) the value is = $\frac{20}{100} \times \frac{500}{100} \times 50$

$$\Rightarrow 50$$

59. (A) speed = $\frac{90 \times 1000}{2.5 \times 60 \times 60} = 10 \text{m/sec}$

60. (A) Let the sum invested at SI be 'P'

$$\therefore 0.18 P = \frac{P \times R \times 3}{100}$$

$$R = 6\%$$

CI earned on Rs. 25000 for 3 years at

$$6\% \text{ is CI} = 25000 \left\{ \left(1 + \frac{6}{100} \right)^3 - 1 \right\}$$

$$= \text{Rs. } 4775.4$$

61. (C) $5x + 6(3 - 2x) = 4$

$$5x + 18 - 12x = 4$$

$$7x = 14$$

$$x = 2$$

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

$$\text{So, } a = 3, b = -2$$

Satisfied the equations

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

$$\Rightarrow 19$$

63. (D) According to Question

Let the numbers = x

$$x + 20 \times \frac{1}{x} = 9$$

$$x^2 + 20 = 9x$$

$$x^2 - 9x + 20 = 0$$

$$x = 4, 5$$

64. (A) According to Question

$$L_3 = a + 2d = 13 \quad \dots(i)$$

$$L_5 = a + 4d = 21 \quad \dots(ii)$$

So from (i) & (ii)

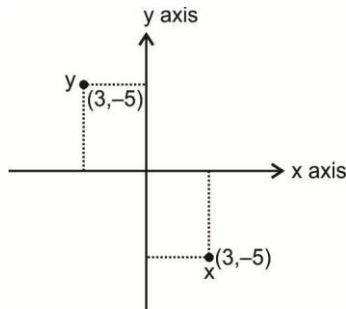
$$d = 4, a = 5$$

$$\text{So } l_{13} = a + 12d$$

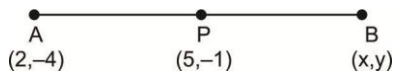
$$= 5 + 12 \times 4$$

$$\Rightarrow 53$$

65. (D)



66. (B)



\therefore P is mid point

$$\therefore \frac{x+2}{2} = 5 \text{ and } \frac{y-4}{2} = -1$$

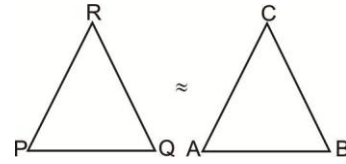
$$x = 8 \text{ and } y = 2$$

$$\therefore B(x, y) = (8, 2)$$

67. (A) Slope of given line = $\frac{0-3}{2-(-2)} = \frac{-3}{4}$

$$\therefore \text{Slope of } \perp \text{ line} = \frac{4}{3}$$

68. (A)



$$\Rightarrow \frac{\text{Perimeter of } \triangle ABC}{\text{Perimeter of } \triangle PQR} = \frac{AB}{PQ} = \frac{x}{10}$$

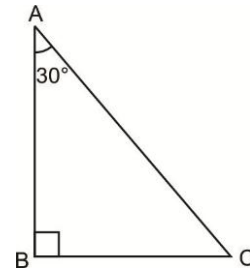
$$\Rightarrow \frac{1}{2} = \frac{x}{10}$$

$$\Rightarrow x = 5 \text{ cm.}$$

69. (C) $\sin 30^\circ + \cos 30^\circ = \frac{1}{2} + \frac{\sqrt{3}}{2}$

$$= \frac{(1+\sqrt{3})}{2}$$

70. (C)



$$\text{Sec } C = \sec 60^\circ = 2$$

71. (C) $\sin \theta = \frac{12}{13}$, then $\cot \theta = \frac{5}{12}$

72-75

72. (A) Required ratio = 150 : 200

$$3 : 4$$

73. (D) Required difference

$$= \frac{400}{100} \times 1000 - \frac{150}{100} \times 1000$$

$$\Rightarrow 2500$$

74. (B) Required % = $\frac{200}{200} \times 100$

⇒ 100%

75. (D) Required population

$$= \frac{50}{100} \times 2000000$$

⇒ 10,00,000

76(C):

Error lies in the (c) part of the sentence , there should be “yours” to show the possession.

77(D):

NO ERROR

78(A):

Option A , i.e. “pleasant” best suits in the given blank .

Demeanour means outward behavior.

79(C):

Option C , can be filled in the given blank ,

80(C):

Option C i.e. IMPEDE is similar to the given word ,

Stymie: prevent or hinder the progress of.

Impede: delay or prevent

81(A):

Option A, is the most similar to the given word,

Suffix: a morpheme added at the end of a word.

Addition: to add something.

82(A):

Sultry: hot and humid

Frigid: very cold in temperature.

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

83(B):

Supple: flexible

Brittle: hard but liable to break easily.

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

84(C): option c , depicts the right meaning of the given phrase

i.e. Looking in the wrong place.

85(D): option D , depicts the right meaning of the given phrase

i.e. To declare the end of a task.

86(B): **Mind**” is a main verb which will take object after it, thus “carrying” is a gerund which can act as an object of “mind”, thus option (b) is correct choice.

87(B): “ **Would have jumped**” can be used in conditionals or to show the completion in future by some point of time. Here neither any conditional nor any completion is required, thus “**Jumped**” should be used.

88(B):

Option B, can best substitute the given phrase.

Vulnerability: the quality or state of being exposed to the possibility of being attacked or harmed, either physically or emotionally.

89(A):

Option A , can best substitute the given phrase

Pledge: a solemn promise or undertaking.

90(A): **Consensus** is correctly spelt.

91(C): **Precedents** is correctly spelt.

92(A):

The Correct Sequence Is - XZY

93(D):

The Correct Sequence Is - YZX

94(A): **Option A** is correct choice.

95(A): **Option A** is correct choice.

96(B): According to the passage, **Option B** is correct choice.

97(A): According to the passage, **Option A** is correct choice.

98(B): According to the passage, **Option B** is correct choice.

99(C): According to the passage, **Option C** is correct choice.

100(C): According to the passage, **Option C** is correct choice.

SSC CGL (TIER-1)- SPEED TEST – 16**ANSWER KEY**

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