

SSC GD SPEED TEST - 2

1. (A)

2. (B) $17^2 + 1 = 290$

$11^2 + 1 = 122$

3. (A) Let the total number of students = x

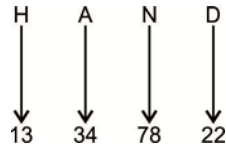
According to Question

Students b/w both of them = $\frac{x}{4}$

$\Rightarrow x - (7 + 14) = \frac{x}{4}$

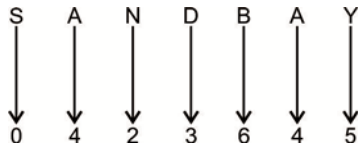
$\Rightarrow x = 28$

4. (D)

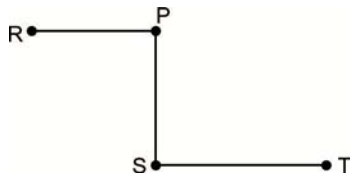


5. (A)

6. (B)



7. (D)



8. (A) \Rightarrow MNLO

9. (B) $49 = 7 \times 7$

$81 = 9 \times 9$

$64 = 8 \times 8$

$100 = 10 \times 10$

10. (C) + 2 series

11. (B)

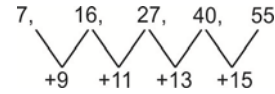
12. (B) Girl is daughter of anjali.

13. (A)

14. (A) +2, - 2 series

15. (A)

16. (C)



17. (A) Except, 'Tomato' all other grow underground

18. (B)

19. (B)

20. (B) +3, +5, +7 series
except PSV

21. (C) After interchange

$= 9000 + 30 - 100 \times 4$

$= 300 - 400$

$= - 100$

22. (A) $(3 \times 3) + 2 + (1 \times 4) + 0 = 15$

$(1 \times 2) + 0 + (2 \times 1) + 0$

$\Rightarrow 2 + 2 = 4$

23. (D) Except option 'D'
all are related to motion.

24. (C) all other are synonyms

25. (D)

51. (A) Let $\frac{x}{3}, \frac{x}{4}, \frac{x}{5}$ and $\frac{x}{6}$

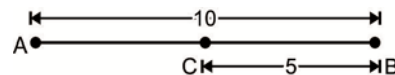
and pen distributed among four friends

$\Rightarrow \frac{20x + 15x + 12x + 10x}{60}$

on putting X = 1

$\Rightarrow 57$ pens

52. (C)



53. (A) MP = 200

SP = 160

CP = 144

$$\text{Profit Percentage} = \frac{16}{144} \times 100$$

$$= 11\frac{1}{9}\%$$

54. (C) Let total students = 100

$$\text{Boys} = 60$$

$$\text{Girls} = 40$$

$$\text{Boys do not scholarship} = 60 \times \frac{80}{100}$$

$$= 48$$

$$\text{Girls do not scholarship} = 40 \times \frac{75}{100}$$

$$= 30$$

Then total number of student who do not get scholarship = 48 + 30 = 78

55. (A) Let amount to each installment be Rs. X

$$= 10000 (1.08)^3$$

$$= x [1 + (1.08) + (1.08)^2]$$

$$= X = 3880.335$$

56. (A) P = 0.73 and Q = 0.56

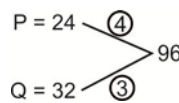
$$P = 0.73 = \frac{73-7}{90} = \frac{66}{90}$$

$$Q = 0.56 = \frac{56-5}{90} = \frac{51}{90}$$

∴ The distance between P and Q is given by

$$PQ = \frac{66}{90} - \frac{51}{90} = \frac{15}{90} = \frac{1}{6}$$

57. (B)



According to Question

x is number of days work done by P

$$= (4 \times x + 16 \times 3) = 96$$

$$\Rightarrow x = 12 \text{ days}$$

58. (A) $\frac{1}{100} \times \frac{1}{100} \times \frac{25}{100} \times 1000 = 0.025$

59. (C)

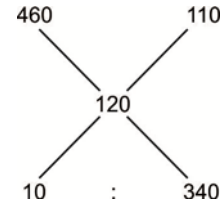
$$\begin{array}{r} 539 \\ 7 \overline{) 37(x) 3} \\ \underline{21} \\ 63 \\ \underline{63} \\ 0 \end{array}$$

60. (B) $\frac{196}{169} = \frac{13+x}{13}$

$$= \frac{14}{13} = \frac{13+x}{13}$$

$$\Rightarrow x = 1$$

61. (C) By allegation method



$$\text{Ratio} = 1 : 34$$

$$1 - 15$$

$$\text{than } 34 \times 15 = 510$$

62. (B) Ratio of investment = $\frac{1}{2} : \frac{1}{3} : \frac{1}{4}$

$$= 6 : 4 : 3$$

Let initially investment 6x, 4x and 3x

$$A : B : C = (6x \times 2 + 3x \times 10) : (4x \times 12) : (3x \times 12)$$

$$= 42x : 48x : 36x = 7 : 8 : 6$$

$$\text{'B' share} = \frac{8}{21} \times 378 \Rightarrow 144$$

63. (B) Ratio of wine and water 10 : 90 = 1 : 9

$$= 1 : 9 \times 7 = 7 : 63$$

$$\text{New ratio} = 37 : 63 \quad 37 : 63$$

difference between Quantity of water

$$= 37 - 7 = 30 \text{ liter.}$$

64. (D) Let sides of triangle = 2x and x

Perimeter $2(2x + x) = 24$

$\Rightarrow x = 4$

hence diagonal = $\sqrt{(2x)^2 + x^2}$

= $\sqrt{5x^2}$

= $\sqrt{5 \times 16} = \sqrt{80} = 4\sqrt{5}$

65. (B) = $101 \frac{27}{10000}$

$\Rightarrow 101.00027$

66. (C)

67. (D) Let us assume that B investment for x months

$5 \times 8 : 7 \times x = 20 : 21$

$40 : 7x = 20 : 21$

$7x = \frac{40 \times 21}{20}$

$x = 2 \times 3$

$x = 6$ months

68. (B) $4x = 18y$

$\frac{x}{y} = \frac{18}{4} = \frac{9}{2}$

$\therefore \left(\frac{x}{y} - 1\right) = \frac{9}{2} - 1 = \frac{7}{2}$

69. (C) L.C.M. of 7, 8, 11, 12 = 1848

= $\frac{10800}{1848} = 5$ sec

70. (C) C.I. on 1 rupees = $\left(1 + \frac{3}{100}\right)^2 - 1$

= $\left(\frac{103}{100}\right)^2 - 1 = \frac{1609}{10000}$

S.I. on 1 rupees = $\frac{2 \times 3}{100} = \frac{6}{100}$

$\frac{S.I.}{C.I.} = \frac{6}{100} \times \frac{10000}{1609} = \frac{200}{1609}$

S.I. = $\frac{200}{203}$ and C.I. = $\frac{200}{203} \times 1015$

= 100

71. (D) speed of train = X m/s

length of train = 1m

$\therefore 1.75 = \frac{1}{x}$

$x = \frac{1}{1.75}$... (i)

$x + 10 = \frac{1}{1.5}$... (ii)

(i) and (ii)

$\frac{1}{1.75} + 10 = \frac{1}{1.5}$

$\Rightarrow l = 105$ m

72. (A) Ratio = $\frac{1}{2} : \frac{2}{3} : \frac{3}{4}$

= 6 : 8 : 9

= $\frac{8}{23} \times 391 = 102$ bananas

73. (B) According to Question

$\frac{2x - 6}{3y} = \frac{2x}{3y} \times \frac{2}{3}$

$x = 9$

$\therefore 2x = 2 \times 9 = 18$

74. (A) Number of cubes of

side 1 unit = $\frac{3 \times 3 \times 3}{1 \times 1 \times 1} = 27$

\therefore total surface area

of 27 cubes = $27 \times 6 \times 1 \times 1$

= 162 Sq units

75. (D) Let the amount of water be x liter

= $\frac{x + 3}{x} = \frac{3}{2}$

or $2x + 6 = 3x$ or $x = 6$

= 9 liters

76(C): 'maker' should be replaced with 'makers'

77(C): error lies in the c – part of the sentence , as, 'then' should be replaced by 'than'

78(b): Option b , i.e. intelligent , is most appropriate to be filled in the given blank .

79(b): Option b , i.e. result goes well in the context of the given sentence , as , Result in something (phrasal verb)-to cause a particular situation to happen

80(d):

Option d i.e. descendants is correct antonym to the given word.

Ancestors - a person related to you who lived a long time ago.

Descendants - a person who is related to you and who lives after you, such as your child or grandchild:

81(A):

Option A , i.e. "criticize" best expresses the meaning of the given word ,
CENSURE - the formal expression of severe disapproval.

82(B):

Option b , is correctly spelled word i.e. "intellect".
Intellect – a person's mental powers , a clever person.

Synonyms : mind, brain, brains, head, intelligence, reason, understanding, comprehension, thought, brainpower

83(B):

Option b , is the correctly spelled word .
Conviction - a formal declaration by the verdict of a jury or the decision of a judge in a court of law that someone is guilty of a criminal offence.

84(B):

Correct option to the given idiom is B ,
Which means The intricate details of a situation or process.

For example, It takes a newcomer some time to learn the **ins and outs** of the legislative process.

85(A):

Option A , best describes the meaning of the given idiom i.e. "catnap"

Meaning of idiom - A short sleep taken during the day.

Usage : I had a **cat nap** during the afternoon so I would feel refreshed in the evening.

86(A):

DYNASTY - a succession of people from the same family who play a prominent role in business, politics, or another field, a line of hereditary rulers of a country.

87(C):

Option c , will grammatically improve the given sentence .

i.e. Fred absented himself from the meeting, which he was certain would be boring.

88(B):

Option B , will improve the given sentence by substituting the "dangling" word with "remaining".

DANGLING - hanging or swinging loosely.

89(A):

Option a , will improve the given sentence , as 'Has/ have' are changed to 'has been/have been' and vice versa

90(A):

Option a, is the correct alternative to choose from, As, there is some question being asked, so "said to" should be substituted with "asked"

So, the correct version of given sentence is , I asked him why he was working so hard.

91(A):

CORRECT ARRANGEMENT is ,

1. Start by doing

R. what's necessary

P. then do what's possible

S. and suddenly

Q. you are doing

6. the impossible.

92(D):

OPTION D , ' filled with would be correct.

The other options, when used along with the preposition 'for' would be grammatically incorrect.

93(A): "SAW"

94(C): "USED" is a appropriate option to be filled in (c) blank .

95(a):

"mine" is right choice to be filled in "d" blank.

96(A) : "OUT"

97(B):

Option B, is the right option , as the whole passage focuses on the idea of "secularism".

Other options provided didn't prove anything regarding the idea of given passage, thus "importance of secularism" is the right title for given passage.

98(d):

With reference to the first paragraph , option d ,
justify the author's idea.

99(c):

All inclusive - including everything or everyone.

100(b): the exclusive possession or control of the
supply of or trade in a commodity or service.

Thus , "exclusive control" can substitute the given
word.

SSC GD (TIER-1)- SPEED TEST -2**ANSWER KEY**

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