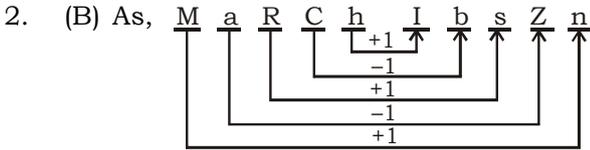
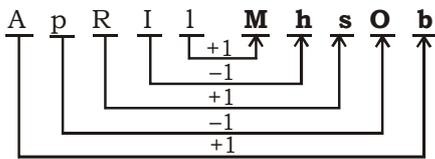


**SSC (GD)MOCK TEST – 1 (SOLUTION)**

1. (C) As, Dagggle is poor writing.  
Similarly, **Stammering** is speech defect.



Similarly,



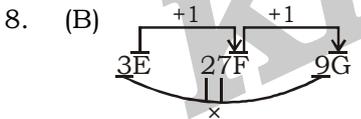
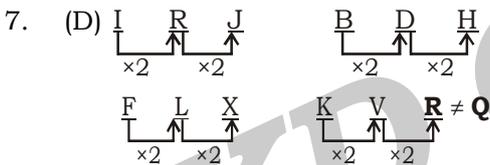
3. (D) As,  $35 - 12 \Rightarrow 7 \times 5 - (7 + 5)$   
Similarly,  $143 - 24 \Rightarrow 11 \times 13 - (11 + 13)$

4. (B) As,  $\frac{6 \times 6 \times 6}{2} = 108$

Similarly,  $\frac{8 \times 8 \times 8}{2} = 256$

5. (A) **Parliament** is composed of all other three.

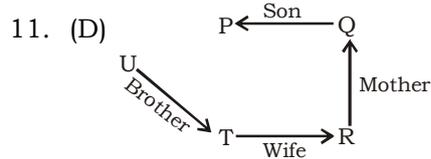
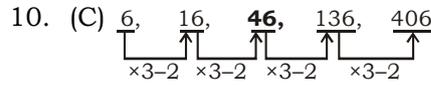
6. (D) Except **Deer - Bleat**, in all other pairs, second is the noise produced by first.



9. (A) As,  $\frac{16}{4} = \frac{32}{8} = 4$

And,  $\frac{8}{4} = \frac{4}{2} = 2$

Similarly,  $\frac{27}{9} = \frac{12}{4} = 3$

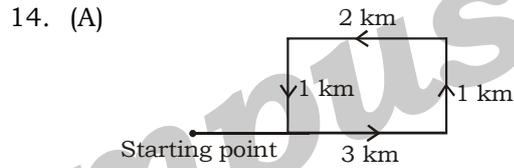


12. (D) As,  $2895 \Rightarrow (17)^{25}$   
 $3245 \Rightarrow (18)^{25}$

and,  $3615 \Rightarrow (19)^{25}$

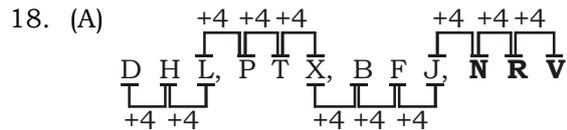
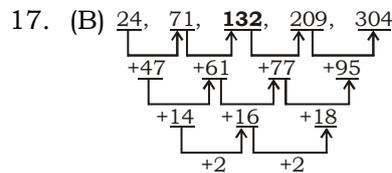
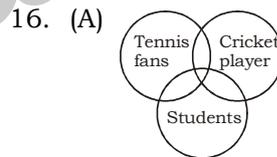
Similarly,  $5295 \Rightarrow (23)^{25}$

13. (C)  $5 \div 3 - 25 + 20 = 20 \times 30$   
After changing the signs,  
 $5 \times 3 + 25 - 20 \div 20 = 39$   
 $\Rightarrow 15 + 25 - 1 = 39$   
 $\Rightarrow 39 = 39$



∴ He is **1 km** away from the starting point.

15. (C) Misplacement



19. (C)

20. (D) Right — Q P O N M — Left

21. (A) Required order—  
C, M, E, C, M, P, E, P, P, C

22. (C)

23. (B)

24. (D)

25. (A)

Tuesday मंगलवार	Wednesday बुधवार	Thursday बृहस्पतिवार	Friday शुक्रवार	Saturday शनिवार
A	D	B	E	C

51. (C) ATQ,  
 A - 20  
 B - 24  
 C - 30

4 days work of A, B and C =  $15 \times 4 = 60$  unit  
 6 days work of C =  $4 \times 6 = 24$  unit.  
 Time taken to complete the remaining work =  $\frac{120 - 20 - 24}{9} = 4$   
 $\therefore$  Required number of days =  $4 + 4 + 6 = 14$

52. (B) Let market price of the article =  $x$   
 ATQ,

$$\frac{x \times 63}{100} = 3024$$

$$\Rightarrow x = 4800$$

53. (D) ATQ,  
 $\frac{5}{8}P = \frac{7}{11}Q$

$$\Rightarrow P : Q = 56 : 55$$

54. (A) Value of 11<sup>th</sup> result  
 =  $11(63 + 75) - 21 \times 70 = 48$

55. (D) Let cost price = 100

$$\text{Selling price} = \frac{100 \times 170}{100} = 270$$

$$\text{Now new cost price} = \frac{100 \times 120}{100} = 120$$

$$\therefore \text{New profit} = \frac{270 - 120}{120} \times 100 = 125\%$$

56. (A) Let the number =  $x$   
 ATQ,

$$\frac{x \times 34}{100} = \frac{x \times 18}{100} + 144$$

$$\Rightarrow 16x = 14400$$

$$\Rightarrow x = 900$$

57. (C) Let the speed of boat =  $x$  km/hr  
 Speed of stream =  $y$  km/hr

$$\text{and let } \frac{1}{x+y} = V \text{ and } \frac{1}{x-y} = U$$

ATQ,

$$\frac{15}{x-y} + \frac{21}{2(x+y)} = \frac{13}{4} \dots\dots\dots(i)$$

$$\text{and, } \frac{12}{x-y} + \frac{14}{x+y} = \dots\dots\dots(ii)$$

On solving equation (i) and (ii),

$$U = \frac{1}{6} \text{ and } V = \frac{1}{14}$$

$$\therefore x = 10 \text{ and } y = 4$$

$$\therefore \text{Speed of stream} = 10 \text{ km/hr}$$

58. (A) Let the amount lent =  $x$   
 ATQ,

$$\frac{x \times 5 \times 15}{100} = x - 250$$

$$\Rightarrow 75x = 100x - 25000$$

$$\Rightarrow 25x = 25000$$

$$\Rightarrow x = 1000$$

59. (A) ATQ,

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

$$\text{and } 2x = 4 + 2\sqrt{3}$$

$$\Rightarrow 2x = (\sqrt{3} + 1)^2$$

$$\Rightarrow \sqrt{2x} = \sqrt{3} + 1$$

$$\text{and, } \frac{1}{\sqrt{2x}} = \sqrt{3} - 1$$

$$\therefore \sqrt{2} + \frac{1}{\sqrt{2x}} = \sqrt{3} + 1 + \sqrt{3} - 1$$

$$= 2\sqrt{3}$$

60. (D) ATQ,

$$x + \frac{1}{x} = 1$$

$$\Rightarrow x^3 + \frac{1}{x^3} + 3\left(x + \frac{1}{x}\right) = 64$$

$$\Rightarrow x^3 + \frac{1}{x^3} = 52$$

$$\text{Now, } \left(x^3 + \frac{1}{x^3}\right)^2 = (52)^2$$

$$\Rightarrow x^6 + \frac{1}{x^6} + 2 = 2704$$

$$\Rightarrow x^6 + \frac{1}{x^6} = 2702$$

61. (C) Let the 5 consecutive even numbers  
 =  $x, x + 2, x + 4, x + 6$  and  $x + 8$

ATQ,

$$x + x + 2 + x + 4 + x + 6 + x + 8 = 5A$$

$$\Rightarrow 5x = 5A - 20$$

$$\Rightarrow x = A - 4$$

$\therefore$  Required average

$$= \frac{A-4+A-2+A+A+2+A+4+A+6+A+8+A+10+A+12+A+14}{10}$$

$$= \frac{10A + 50}{10} = A + 5$$

62. (D) Let population of city before 2 year =  $x$   
 ATQ,

$$\frac{x \times 105 \times 105}{100 \times 100} = 30870$$

$$\Rightarrow x = \frac{30870 \times 100 \times 100}{105 \times 105} = 28000$$

63. (D) Let the speed of 100 m long train =  $x$  m  
ATQ,

$$\left(\frac{100+150}{9}\right) \times \frac{18}{5} = \text{Relative speed}$$

$\Rightarrow$  Relative speed = 100 km/hr  
and,  $x + 40 = 100$

$$\Rightarrow x = 100 - 40 = 60$$

64. (D) As, rate is compounded half yearly  
 $\therefore$  Time =  $1 \times 2 = 2$  years

and, rate =  $\frac{40}{2} = 20\%$

Now,  $20\% = \frac{20}{100} = \frac{1}{5}$

Sum - 20000

First year - 4000

Second year - 4000 + 800

$\therefore$  Required compound interest

$$= 4000 + 4000 + 800$$

$$= ₹8800$$

65. (B) ATQ,

$$x^2 - 8x + 15 = 0$$

$$\Rightarrow x^2 - 5x - 3x + 15 = 0$$

$$\Rightarrow (x-5)(x-3) = 0$$

$$\Rightarrow x = 5 \text{ and } x = 3$$

Now,  $y^2 + 2y - 35 = 0$

$$\Rightarrow y^2 + 7y - 5y - 35 = 0$$

$$\Rightarrow (y+7)(y-5) = 0$$

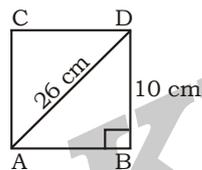
$$\Rightarrow y = -7 \text{ and } y = 5$$

$\therefore$  Required difference

$$= 5^3 - (-7)^3 = 100$$

66. (B)

67. (B) ATQ,



In  $\triangle ABC$

$$AB^2 = 26^2 - 10^2$$

$$\Rightarrow AB = \sqrt{676 - 100} = \sqrt{576}$$

$$\Rightarrow AB = 24 \text{ cm.}$$

$$\therefore \text{Area of rectangle} = 24 \times 10 = 240 \text{ cm}^2$$

68. (A) Let the number =  $x$

ATQ,

$$\frac{55+x}{100+x} = \frac{65+x}{116+x}$$

$$\Rightarrow 6380 + 116x + 55x + x^2 = 6500 + 100x + 65x + x^2$$

$$\Rightarrow 6x = 120$$

$$\Rightarrow x = 20$$

69. (A) Let B gets =  $x$

$$\therefore \text{A gets} = \frac{180 \times x}{100} = \frac{9x}{5}$$

Now, A : B =  $\frac{9x}{5} : x$

$$= 9x : 5x$$

$$\therefore \text{B gets} = \frac{1120}{14} \times 5 = 400$$

70. (D) ATQ,

$$2\left(\frac{4x-3}{5}-\frac{3}{4}\right) - \frac{5}{3} = -\frac{1}{6}$$

$$\Rightarrow \frac{16x-15}{10 \times 3} - \frac{5}{3} = -\frac{1}{6}$$

$$\Rightarrow \frac{16x-15-50}{30} = -\frac{1}{6}$$

$$\Rightarrow 16x - 65 = -5$$

$$\Rightarrow x = \frac{60}{16} = \frac{15}{4}$$

71. (D) Let the fraction =  $x$   
ATQ,

$$x + \frac{3}{x} = \frac{73}{20}$$

$$\Rightarrow 20x^2 + 60 = 73x$$

$$\Rightarrow 20x^2 - 73x + 60 = 0$$

$$\Rightarrow 20x^2 - 48x - 25x + 60 = 0$$

$$\Rightarrow 4x(5x-12) - 5(5x-12) = 0$$

$$\Rightarrow (4x-5)(5x-12) = 0$$

$$\Rightarrow x = \frac{5}{4} \text{ and } x = \frac{12}{5}$$

72. (A) ATQ,

$$a_4 = a + (4-1)d$$

$$\therefore 11 = a + 3d$$

$$\text{and } -4 = a + 6d$$

Solving equation (i) and (ii)

$$3d = -21$$

$$\Rightarrow d = -5$$

$$\therefore a = 26$$

$\therefore$  Required sum ( $S_{13}$ )

$$= \frac{13}{2} (2 \times 26 + 12 \times (-5))$$

$$= \frac{13}{2} \times (-8) = -52$$

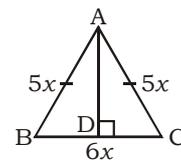
73. (C) Required difference =  $\frac{4200}{21} \times (11-6)$   
 $= ₹1000$

74. (A) Let the number =  $x$   
ATQ,

$$\frac{x \times 40}{100} \times \frac{85}{100} = 1428$$

$$\Rightarrow x = 4200$$

75. (B) ATQ,



$$6x + 5x + 5x = 32$$

$$\Rightarrow 16x = 32$$

$$\Rightarrow x = 2$$

$$AD = \sqrt{10^2 - 6^2} = 8 \text{ cm}$$

$$\therefore \text{Area of triangle} = \frac{1}{2} \times 8 \times 12 = 48 \text{ cm}^2$$

- |   |  |
|---|--|
| <p>76. (A) Change 'seen' into 'have seen', 'seen' can not be used without helping verb.</p> <p>78. (C) We use 'the' before names of ocean/seas/ rivers etc. therefore, use the before 'Atlantic ocean'</p> <p>79. (C) Use 'attractive lady' in place of 'attracting lady'</p> <p>98. (C) Use 'cleaning' in place of 'clean'. 'clean' is a verb which is not satisfying the sentence because have, we need an adjective for pronoun 'it'</p> | <p>99. (D) We use structure 'has/have + been + v + ing in present perfect continuous tense and 'has/have + been + v<sub>3</sub>' in case of passive meaning<br/>No improvement.</p> <p>100. (B) The singular verb 'transforms' is the correct option. The verb that follows the relative pronoun should match with the antecedent to the relative pronoun.<br/>(Here 'magic' is the antecedent of 'which')</p> |
|---|--|

## MEANINGS IN ALPHABETICAL ORDER

<b>Word</b>	<b>Meaning in English</b>	<b>Meaning in Hindi</b>
Turbulence	a state of confusion, violence or disorder.	अशान्ति, उग्रता
Agitate	to disturb, excite or anger someone.	उत्तेजित करना
Alloy	to make (something) less severe or strong	शान्त करना
Repose	A state of resting or not being active	आराम
calm	A quiet and peaceful state or condition	शान्ति
Quiescent	Not active	निष्क्रियता
Dull	Not exciting or interesting	सुस्त
Alive	not dead	जीवित
Sordid	very bad or dishonest	अनैतिक
Reputable	having a good reputation	इज्जत
Grumpy	easily annoyed or angered	तनुकमिजाज
Liaison	A relationship that allows different organizations or groups to work together and provide information to each other.	सम्बन्ध
Colleague	A person who works with you	सहकर्मी
Pithy	Using few words in a clever and effective way	अर्थपूर्ण
Terse	Brief and direct in a way that may seem rude or unfriendly.	रुखा
Sententious	given to moralizing in a pompous or affected manner	उपदेशात्मक
Migrate	to move from one country or place to live or work in another	प्रवास करना
Emigrate	to leave a country to live elsewhere	स्वदेश त्यागना
Immigrate	to come to a country to live there	अन्य देश में आकर बसना
Sycophant	A person who praises powerful people in order to get their approval.	चापलूस
Stooge	A weak person who is controlled by a powerful person	कठपुतली, चमचा
Vanguard	The group of people who are the leaders of an action or movement in society, politics, art etc.	अन्दोलन का नेतृत्व करने वाले

**SSC (GD) MOCK TEST - 01 (ANSWER KEY)**

**Answer key**

1. (C)	11. (D)	21. (A)	31. (C)	41. (C)	51. (C)	61. (C)	71. (D)
2. (B)	12. (D)	22. (C)	32. (C)	42. (D)	52. (B)	62. (D)	72. (A)
3. (D)	13. (C)	23. (B)	33. (C)	43. (A)	53. (D)	63. (D)	73. (C)
4. (B)	14. (A)	24. (D)	34. (C)	44. (A)	54. (A)	64. (D)	74. (A)
5. (A)	15. (C)	25. (A)	35. (C)	45. (C)	55. (D)	65. (B)	75. (B)
6. (D)	16. (A)	26. (D)	36. (B)	46. (B)	56. (A)	66. (B)	
7. (D)	17. (B)	27. (A)	37. (B)	47. (B)	57. (C)	67. (B)	
8. (B)	18. (A)	28. (B)	38. (C)	48. (A)	58. (A)	68. (A)	
9. (A)	19. (C)	29. (C)	39. (A)	49. (D)	59. (A)	69. (A)	
10. (C)	20. (D)	30. (D)	40. (D)	50. (C)	60. (D)	70. (D)	

**Hindi**

**English**

76. (C)	85. (B)	94. (A)	76. (A)	85. (A)	94. (D)
77. (A)	86. (C)	95. (B)	77. (C)	86. (D)	95. (D)
78. (B)	87. (C)	96. (C)	78. (C)	87. (D)	96. (A)
79. (D)	88. (A)	97. (C)	79. (A)	88. (D)	97. (C)
80. (C)	89. (D)	98. (C)	80. (A)	89. (B)	98. (C)
81. (B)	90. (D)	99. (A)	81. (D)	90. (C)	99. (D)
82. (D)	91. (C)	100.(A)	82. (A)	91. (C)	100.(B)
83. (C)	92. (C)		83. (A)	92. (D)	
84. (A)	93. (A)		84. (A)	93. (C)	



**Note:- If your opinion differs regarding any answer, please message the mock test and question number to 8860330003**

**Note:- Whatsapp with Mock Test No. and Question No. at 7053606571 for any of the doubts. Join the group and you may also share your suggestions and experience of Sunday Mock Test.**

**Note:- If you face any problem regarding result or marks scored, please contact 9313111777**