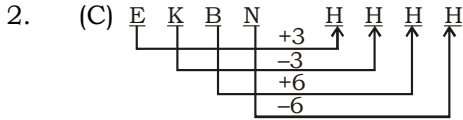
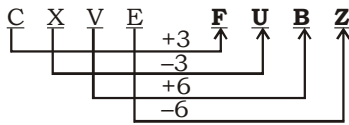


SSC (GD)MOCK TEST – 2 (SOLUTION)

1. (B) As, Neglect is opposite of Nurture.
Similarly, **Extol** is opposite of Defame.



Similarly,



3. (A) As, $23 + (3)^2 = 32$
Similarly, $34 + (4)^2 = 98$
4. (B) As, $21 \times 3 + (2 + 1) = 66$
Similarly, $19 \times 3 + (1 + 9) = 67$
5. (B) $37 - 19 = 18$ (Factor of 9)
 $46 - 27 = 19$ (Not factor of 9)
 $40 - 31 = 9$ (Factor of 9)
 $41 - 14 = 27$ (Factor of 9)

6. (C) Except **wood**, all are non-renewable resources while wood is renewable resource.

7. (A) Except **BCD**, sum of digits values of all is divisible by 6.

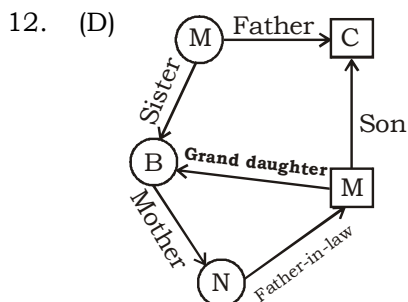
8. (D) As, $6^3 + 5^2 = 241$
And, $7^3 + 3^2 = 352$

Similarly, $8^3 + 4^2 = 528$

9. (A) As, $(8 + 6) \times 9 = 126 \Rightarrow 126 \times 12 = 1512$
Similarly, $(12 + 4) \times 5 = 80 \Rightarrow 80 \times 12 = 960$

10. (D)

11. (B) $(4 \div 16 - 17) + 9 \times 12$
After changing the signs,
 $(4 \times 16 + 17) \div 9 - 12$
 $= 81 \div 9 - 12 = -3$



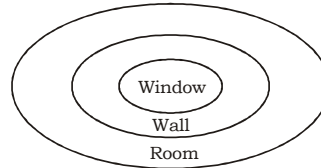
13. (B) As, $(24 - 3)^2 = 441$
and, $(45 - 6)^2 = 1521$

Similarly, $(35 - 7)^2 = 784$

14. (B) Left Right

15. (D)

16. (A)



17. (C)

18. (C) $S \xrightarrow{-4} O \xrightarrow{-4} K \xrightarrow{-4} G \xrightarrow{-4} C$
 $7 \xrightarrow{+3} 10 \xrightarrow{+4} 14 \xrightarrow{+5} 19 \xrightarrow{+6} 25$
 $D \xrightarrow{-5} Y \xrightarrow{-5} T \xrightarrow{-5} O \xrightarrow{-5} J$

19. (A)

A	B	C	D	E
Teacher	Painter	Journalist	Businessman	Scientist
Tea	Coffee	Tea	Coffee	Tea

20. (C)

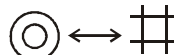
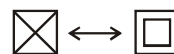
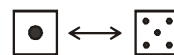
A	B	C	D	E
Teacher	Painter	Journalist	Businessman	Scientist
Tea	Coffee	Tea	Coffee	Tea

21. (D)

	Maths	Science	Eng	Hindi	His	Geo
A	✓	✓		✓		
B	✓	✓			✓	✓
C		✓	✓			
D	✓	✓	✓	✓		
E					✓	✓

Hence, **B** and **D** were teaching maximum subject.

22. (B) From figure,



∴ can't be made based on the unfolded cube in question figure.

23. (B)

24. (C)

25. (D)

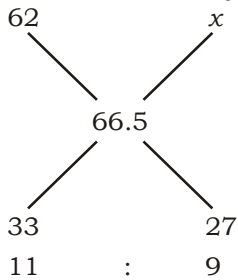
51. (A) Let the number of terms = n

According to the question,

$$\Rightarrow \frac{n}{2} (32 - 43) = -88$$

$$\Rightarrow n = 16$$

52. (A) Girls Boys



A.T.Q.,

$$\frac{66.5 - 62}{x - 66.5} = \frac{9}{11}$$

$$\Rightarrow 9x - 598.5 = 49.5$$

$$\Rightarrow 9x = 648$$

$$\Rightarrow x = 72 \text{ kg}$$

53. (C) A.T.Q.,

$$16\% = 32$$

$$100\% = \frac{32}{16} \times 100 = 200$$

\therefore Required number = 200

54. (A) Let the number of sides = n

According to the question,

$$(n - 2)180^\circ = 1800^\circ$$

$$\Rightarrow n = 12$$

55. (B) In an isosceles trapezium, opposite angles are supplementary.

56. (D) **P : Q**

	60	:	30
Time	2	:	1
Efficiency	1	:	2

$$\therefore \text{Required time taken} = \frac{60 \times 90}{100 \times 3} = 18 \text{ days}$$

57. (C) Total surface area of hemisphere

$$= 166.32$$

$$3\pi r^2 = 166.32$$

$$\Rightarrow 2\pi r^2 = \frac{166.32}{3\pi r^2} \times 2\pi r^2 = 110.88$$

Hence, curved surface area of hemisphere = 110.88 cm²

58. (D) CP SP MP = ₹180

$$100 \xrightarrow{P \rightarrow 44\%} 144 \xrightarrow{D = 20\%} \frac{144 \times 100}{80}$$

$$\begin{aligned} \text{New selling price} &= \frac{180 \times 71}{100} \\ &= ₹ 127.80 \end{aligned}$$

$$\therefore \text{Profit} = \frac{(127.80 - 100)}{100} \times 100 = 27.80\%$$

59. (B) Let two numbers = a and b.

$$\sqrt{ab} = 12$$

$$\Rightarrow ab = 144 \quad \dots(i)$$

$$\text{and, } \frac{b^2}{a} = 768 \quad \dots(ii)$$

Multiply equation (i) and (ii),

$$b^3 = 768 \times 144$$

$$\Rightarrow b = 48$$

Put, b = 48 in equation (i),

$$a = \frac{144}{48} = 3$$

\therefore a and b = 3 and 48

60. (C) Required Run Rate

$$= \frac{285 - 43 \times 5}{7} = \frac{285 - 215}{7} = 10$$

61. (A) Distance travel by steamer = 20 × 7 = 140km

Remaining distance is travelled by steamer and rail in equal time.

Time taken by rail and steamer to cover the remaining distance

$$= \frac{800 - 140}{20, 55} = \frac{660}{75} \text{ hours}$$

\therefore Distance travelled by steamer

$$= 140 + 20 \times \frac{660}{75}$$

$$= 140 + 176 = 316 \text{ km}$$

62. (D) Let the cost price of washing machine and toaster = x and y.

According to the question,

$$\frac{122}{100} y = \frac{88}{100} x$$

$$\Rightarrow \frac{x}{y} = \frac{122}{88} = \frac{61}{44}$$

\therefore Price of cheaper item

$$= \frac{44}{105} \times 10500 = ₹4400$$

63. (D) Required Percentage

$$= \frac{24}{100 - 24} \times 100$$

$$= \frac{24}{76} \times 100 = 31.58\%$$

64. (A) Let the numbers A, B and C
According to the question,
 $A + B + C = 216$(i)

$$\text{and, } A = \frac{2}{7}(B + C)\text{.....(ii)}$$

From equation (i) and (ii),

$$A + \frac{7}{2}A = 216$$

$$\Rightarrow A = 48$$

65. (D) $(x + 5)^2 + (x - 3)^2$
 $= x^2 + 25 + 10x + x^2 - 6x + 9$
 $= 2x^2 + 4x + 34$
 $= 2(x^2 + 2x + 17)$

66. (C) Let number = x
According to the question,

$$3x + \frac{2}{x} = \frac{97}{4}$$

$$\Rightarrow 12x^2 + 8 = 97x$$

$$\Rightarrow 12x^2 - 97x + 8 = 0$$

$$\Rightarrow 12x^2 - 96x - x + 8 = 0$$

$$\Rightarrow 12x(x - 8) - 1(x - 8) = 0$$

$$\Rightarrow (x - 8)(12x - 1) = 0$$

$$\Rightarrow x = 8$$

67. (D) Interest for first six months

$$= \frac{2000 \times 10}{100} = ₹ 200$$

Interest for last six months

$$= \frac{4000 \times 10}{100} + \frac{200 \times 10}{100}$$

$$= 400 + 20 = ₹ 420$$

$$\therefore \text{Total interest} = 420 + 200 = ₹ 620$$

68. (D) Let the water level rise = h cm
According to the question,

$$\pi r^2 \times h = \frac{4}{3}\pi R^3$$

$$\Rightarrow 7 \times 7 \times h = \frac{4}{3} \times 6 \times 6 \times 6$$

$$\Rightarrow h = \frac{24 \times 12}{49}$$

$$\Rightarrow h = 5.88 \text{ cm}$$

69. (B) Total cost of tickets = 30×26
 $= 780$

Cost of bus pass = ₹ 670.80

$$\text{Saving} = \frac{(780 - 670.80)}{780} \times 100 = 14\%$$

70. (B) Let the ages of father and son 2 years ago
 $= x$ and y
According to the question,
 $x \times y = 28$(i)

$$\text{and, } x + y + 2 + 2 = 33$$

$$\Rightarrow x + y = 29 \text{(ii)}$$

From equation (i) and (ii), we get

$$x = 28 \text{ and } y = 1$$

\therefore Present age of Father and Son = 30 years and 3 years

71. (A) Rate = $\frac{40}{8} = 5\%$

Required compound interest

$$= 10,000 \left(1 + \frac{5}{100}\right)^3 - 10,000$$

$$= 10,000 \times \frac{21}{20} \times \frac{21}{20} \times \frac{21}{20} - 10,000$$

$$= 11576.25 - 10,000 = ₹ 1576.25$$

72. (D) Let the marks of two students = x
and $x + 16$
According to the question,

$$x + 16 = \frac{75}{100}(2x + 16)$$

$$\Rightarrow 4x + 64 = 6x + 48$$

$$\Rightarrow 2x = 16$$

$$\Rightarrow x = 8$$

$$\therefore \text{Required marks} = 8 + 16 \text{ and } 8$$

$$= 24 \text{ and } 8$$

73. (A) Average of weight of boys

$$= \frac{50 \times 49.6 - 27 \times 45}{23}$$

$$= \frac{2480 - 1215}{23} = 55$$

74. (D) We know that,

$$(x + y)^2 = x^2 + y^2 + 2xy$$

$$\Rightarrow 169 = 89 + 2xy$$

$$\Rightarrow xy = 40$$

75. (B) CI of first 6 months = $\frac{5200 \times 10}{100}$

$$= ₹ 520$$

CI of second 6 months

$$= \frac{(5200 + 5200 + 520)}{100} \times 10$$

$$= \frac{10920 \times 10}{100} = ₹ 1092$$

\therefore Total CI at the end of year

$$= 1092 + 520 = ₹ 1612$$

- | | |
|---|---|
| <p>76. (C) Add 'other' after 'any' because comparison is between same class.</p> <p>77. (C) Replace 'their' with 'its'. Its is a possessive pronoun which is used here for the subject 'the ruling party'.</p> <p>78. (B) Remove 'not'. Forbade is a negative word which means to prohibit (somethig or someone).</p> <p>98. (B) 'Enter' a room, building is correct where as 'enter into' is normally used in relation to 'conversation', 'agreement' etc.</p> | <p>99. (C) Call upon – to choose, request obligate, or demand someone to do something.
Call at – to visit a particular place.</p> <p>100. (C) Knock down – to hit someone by something.</p> |
|---|---|

MEANINGS IN ALPHABETICAL ORDER

Word	Meaning in English	Meaning in Hindi
Forbade	Refuse to allow	मना करना
Elusive	Difficult to find, catch, or achieve	पाने में मुश्किल
Grievance	a reason for complaining or being unhappy with a situation.	शिकायत
Trespass	enter someone's land without permission	अतिचार करना
Spindle	The long, thin pin on a spinning wheel that is used to make thread	धुरी तल की
Exorbitant	unreasonably high	अत्यधिक
Tantalise	to tease someone	बहुत कष्ट पहुँचाना
Counterfeit	made in exact imitation of something valuable with the intention to deceive	नकली
Sonnet	a poem mad up of 14 lines that rhyme in a fixed pattern	चौदह पंक्तियों का लघुकाव्य
Charlatan	a person who falsely pretends to know	अनाडी
Apostle	someone who believes in or supports an idea, cause	प्रेरित
Renegade	a person who leaves a group, religion etc, and join another that apposes it	स्वधर्मत्यागी
Apotheosis	the perfect form or example of something	आदर्श
Affluent	having abundance of goods	धनी
Revise	to make changes especially to correct or improve	संशोधन
Enigma	something that is difficult to understand, puzzle	पहेली
Elusive	hard to understand, define, or remember	भटकाने वाला
Exonerate	to prove that someone is not guilty of a crime	दोषमुक्त करना
Compel	to force to do something	दबाव डालना
Mammoth	something that is very large	विशाल
Serene	calm and peaceful	शांत, स्थिर
Jovial	full of happiness and joy	उल्लासपूर्ण.

SSC (GD) MOCK TEST - 02 (ANSWER KEY)

Answer key

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

Hindi

English

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