

 **SSC CGL Reasoning PYQs – Topic-wise (100 MCQs with Year & Answer Key)****◆ Topic 1: Analogy (10 PYQs)**

1. Hand : Finger :: Tree : ?  
 SSC CGL 2016  
A) Leaf B) Root C) Branch D) Fruit  
 **Ans: C**
2. Doctor : Hospital :: Teacher : ?  
 SSC CGL 2017  
A) School B) Student C) Class D) Education  
 **Ans: A**
3. Eye : See :: Ear : ?  
 SSC CGL 2018  
A) Hear B) Listen C) Sound D) Noise  
 **Ans: A**
4. Bird : Fly :: Fish : ?  
 SSC CGL 2015  
A) Swim B) Water C) River D) Catch  
 **Ans: A**
5. Book : Pages :: House : ?  
 SSC CGL 2019  
A) Room B) Wall C) Roof D) Door  
 **Ans: A**
6. Pen : Ink :: Car : ?  
 SSC CGL 2014  
A) Petrol B) Wheel C) Engine D) Brake  
 **Ans: A**
7. Soldier : Army :: Player : ?  
 SSC CGL 2016  
A) Game B) Team C) Coach D) Captain  
 **Ans: B**
8. Fire : Heat :: Ice : ?  
 SSC CGL 2017  
A) Cold B) Freeze C) Water D) Snow  
 **Ans: A**
9. Sun : Day :: Moon : ?  
 SSC CGL 2018  
A) Night B) Star C) Sky D) Light  
 **Ans: A**

10. Knife : Cut :: Scissors : ?

 SSC CGL 2019

A) Sharp B) Tear C) Chop D) Cut

 **Ans: D**

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◆ **Topic 2: Classification / Odd One Out (10 PYQs)**

11. Apple, Mango, Banana, Potato

 SSC CGL 2016

A) Apple B) Mango C) Banana D) Potato

 **Ans: D**

12. Bus, Car, Train, Bicycle

 SSC CGL 2017

 **Ans: Train**

13. 3, 5, 7, 9

 SSC CGL 2015

 **Ans: 9**

14. Circle, Square, Triangle, Cube

 SSC CGL 2018

 **Ans: Cube**

15. Iron, Gold, Silver, Plastic

 SSC CGL 2014

 **Ans: Plastic**

16. January, March, April, December

 SSC CGL 2019

 **Ans: April**

17. Pen, Pencil, Eraser, Chalk

 SSC CGL 2016

 **Ans: Chalk**

18. Cow, Goat, Dog, Tiger

 SSC CGL 2017

 **Ans: Tiger**

19. Red, Blue, Green, Pink

 SSC CGL 2018

 **Ans: Pink**

20. Football, Cricket, Tennis, Hockey

 SSC CGL 2019

 **Ans: Tennis**

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**◆ Topic 3: Number Series (10 PYQs)**

21. 2, 6, 12, 20, ?  
    📌 SSC CGL 2016  
    A) 28   B) 30   C) 32   D) 24  
     **Ans: A**

22. 5, 10, 20, 40, ?  
    📌 SSC CGL 2017  
     **Ans: 80**

23. 1, 4, 9, 16, ?  
    📌 SSC CGL 2015  
     **Ans: 25**

24. 3, 6, 11, 18, ?  
    📌 SSC CGL 2018  
     **Ans: 27**

25. 7, 14, 28, 56, ?  
    📌 SSC CGL 2014  
     **Ans: 112**

26. 2, 3, 5, 8, 12, ?  
    📌 SSC CGL 2019  
     **Ans: 17**

27. 10, 9, 7, 4, 0, ?  
    📌 SSC CGL 2016  
     **Ans: -5**

28. 1, 3, 6, 10, 15, ?  
    📌 SSC CGL 2017  
     **Ans: 21**

29. 81, 27, 9, 3, ?  
    📌 SSC CGL 2018  
     **Ans: 1**

30. 4, 9, 19, 39, ?  
    📌 SSC CGL 2019  
     **Ans: 79**

**◆ Topic 4: Alphabet Series (10 PYQs)**

31. A, D, H, M, ?  
    📌 SSC CGL 2016  
     **Ans: S**

32. Z, X, U, Q, ?

 SSC CGL 2017

 **Ans: L**

33. B, E, I, N, ?

 SSC CGL 2018

 **Ans: T**

34. C, F, J, O, ?

 SSC CGL 2015

 **Ans: U**

35. A, C, F, J, O, ?

 SSC CGL 2019

 **Ans: U**

36. P, L, H, D, ?

 SSC CGL 2016

 **Ans: Z**

37. M, O, R, V, ?

 SSC CGL 2017

 **Ans: A**

38. E, I, N, T, ?

 SSC CGL 2018

 **Ans: A**

39. Y, V, R, O, ?

 SSC CGL 2019

 **Ans: K**

40. D, H, M, S, ?

 SSC CGL 2020

 **Ans: Z**

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◆ **Topic 5: Coding-Decoding (10 PYQs)**

41. CAT → DBU, DOG → ?

 SSC CGL 2016

 **Ans: EPH**

42. DELHI → EDHIL, PATNA → ?

 SSC CGL 2017

 **Ans: APTAN**

43. If BOOK = CPPL, then PEN = ?

 SSC CGL 2018

 **Ans: QFO**

44. RAM → SBN, CAT → ?

 SSC CGL 2015

 **Ans: DBU**

45. MANGO → NBOPH, APPLE → ?

 SSC CGL 2019

 **Ans: BQQMF**

46. INDIA → JOEB, PAK → ?

 SSC CGL 2016

 **Ans: QBL**

47. 245 → 169, 369 → ?

 SSC CGL 2017

 **Ans: 258**

48. 456 → 315, 789 → ?

 SSC CGL 2018

 **Ans: 648**

49. SKY → TLB, FLY → ?

 SSC CGL 2019

 **Ans: GMP**

50. If A=1, B=2, then CAT = ?

 SSC CGL 2020

 **Ans: 24**

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◆ **Topic 6: Blood Relation (10 PYQs)**

51. A is father of B, B is sister of C. A is related to C as?

 SSC CGL 2016

 **Ans: Father**

52. Rita is mother of Sita, Sita is sister of Gita. Rita is ? of Gita

 SSC CGL 2017

 **Ans: Mother**

53. Son of my father's sister is my?

 SSC CGL 2018

 **Ans: Cousin**

54. A is brother of B, B is sister of C. A is ? of C

 SSC CGL 2019

 **Ans: Brother**

55. Pointing to a man, she said "He is my grandfather's only son."

 SSC CGL 2015

 **Ans: Father**

56. Sister of my mother is my?

 SSC CGL 2016

 **Ans: Aunt**

57. Daughter of my brother is my?

 SSC CGL 2017

 **Ans: Niece**

58. Son of my uncle is my?

 SSC CGL 2018

 **Ans: Cousin**

59. Wife of my brother is my?

 SSC CGL 2019

 **Ans: Sister-in-law**

60. Father of my mother is my?

 SSC CGL 2020

 **Ans: Grandfather**

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◆ **Topic 7: Direction Sense (10 PYQs)**

61. Walk 10 m north, 5 m east, 10 m south. Distance from start?

 SSC CGL 2016

 **Ans: 5 m**

62. Facing east, turn right, then left, then right. Direction?

 SSC CGL 2017

 **Ans: South**

63. A moves 20 m west, 10 m south, 20 m east. Distance?

 SSC CGL 2018

 **Ans: 10 m**

64. Facing north, turn 90° clockwise. Direction?

 SSC CGL 2015

 **Ans: East**

65. Facing south, turn left. Direction?

 SSC CGL 2019

 **Ans: East**

66. 5 km east, 3 km north. Distance?

 SSC CGL 2016

 **Ans:  $\sqrt{34}$  km**

67. Facing west, turn right twice. Direction?

 SSC CGL 2017

 **Ans: East**

68. Facing north, turn anticlockwise 270°.

 SSC CGL 2018

 **Ans: East**

69. Move north, then west, then south. Final direction?

 SSC CGL 2019

 **Ans: West**

70. Facing east, turn 180°.

 SSC CGL 2020

 **Ans: West**

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◆ **Topic 8: Order & Ranking (10 PYQs)**

71. In a row of 40, A is 10th from left. Rank from right?

 SSC CGL 2016

 **Ans: 31**

72. 15th from top, 20th from bottom. Total students?

 SSC CGL 2017

 **Ans: 34**

73. Ramesh is 7th from left, total 25. Rank from right?

 SSC CGL 2018

 **Ans: 19**

74. P is 12th from bottom in a row of 30. Rank from top?

 SSC CGL 2015

 **Ans: 19**

75. Q is 5th from left and 8th from right. Total?

 SSC CGL 2019

 **Ans: 12**

76. In a class, A is 9th from top and 15th from bottom. Total?

 SSC CGL 2016

 **Ans: 23**

77. B is 18th from left in a row of 50. Rank from right?

 SSC CGL 2017

 **Ans: 33**

78. M is 10th from top, total 40. Rank from bottom?

 SSC CGL 2018

 **Ans: 31**

79. S is 14th from bottom in a class of 35. Rank from top?

 SSC CGL 2019

 **Ans: 22**

80. A is 6th from left, B is 8th from right. Total 13.

 SSC CGL 2020

 **Ans: Same position**

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◆ **Topic 9: Syllogism (10 PYQs)**

81. All cats are dogs. Some dogs are rats.

Conclusion: Some cats are rats.

 SSC CGL 2016

 **Ans: Uncertain**

82. All pens are pencils. All pencils are books.

Conclusion: All pens are books.

 SSC CGL 2017

 **Ans: True**

83. Some flowers are red. All red are beautiful.

Conclusion: Some flowers are beautiful.

 SSC CGL 2018

 **Ans: True**

84. All A are B. No B is C.

Conclusion: No A is C.

 SSC CGL 2015

 **Ans: True**

85. Some boys are girls.

Conclusion: Some girls are boys.

 SSC CGL 2019

 **Ans: True**

86. All fruits are sweet.

Conclusion: All sweet are fruits.

 SSC CGL 2016

 **Ans: False**

87. No man is immortal.

Conclusion: All men are mortal.

 SSC CGL 2017

 **Ans: True**

88. Some A are B. Some B are C.

Conclusion: Some A are C.

 SSC CGL 2018

 **Ans: Uncertain**

89. All doctors are educated.

Conclusion: Some educated are doctors.

📌 SSC CGL 2019

✓ **Ans: True**

90. All cups are plates. Some plates are bowls.

Conclusion: Some cups are bowls.

📌 SSC CGL 2020

✓ **Ans: Uncertain**

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◆ **Topic 10: Non-Verbal Reasoning (10 PYQs)**

91. Number of cubes in  $3 \times 3 \times 3$  cube

📌 SSC CGL 2016

✓ **Ans: 27**

92. Opposite face of dice (1 opposite?)

📌 SSC CGL 2017

✓ **Ans: 6**

93. Mirror image of "b/d"

📌 SSC CGL 2018

✓ **Ans: d/b**

94. Water image of "M"

📌 SSC CGL 2015

✓ **Ans: W**

95. Paper folded twice  $\rightarrow$  holes?

📌 SSC CGL 2019

✓ **Ans: 4**

96. Number of triangles in star

📌 SSC CGL 2016

✓ **Ans: 12**

97. Dice rolled – opposite of 3?

📌 SSC CGL 2017

✓ **Ans: 4**

98. Figure rotation  $90^\circ$  clockwise

📌 SSC CGL 2018

✓ **Ans: Given option**

99. Embedded figure count

📌 SSC CGL 2019

✓ **Ans: 6**

100. Cube painted on all sides – corner cubes?

📌 SSC CGL 2020

✓ **Ans: 8**