27. A got twice as many marks in English as in Science. His total marks in English, Science and Mathematics is 180. If the ratio of his marks in English and Mathematics is 2 : 3, what is his marks in Science ?
(1) 20   (2) 60
(3) 30   (4) 40
(SSC CHSL DEO & LDC Exam. 16.11.2014)

28. Tom is chasing Jerry. In the same interval of time Tom jumps 8 times while Jerry jumps 6 times. But the distance covered by Tom in 7 jumps is equal to the distance covered by Jerry in 5 jumps. The ratio of speed of Tom and Jerry is
(1) 48 : 35   (2) 28 : 15
(3) 24 : 20   (3) 20 : 21
(SSC CHSL DEO & LDC Exam. 16.11.2014)

29. In a library the ratio of story books and other books is 7 : 2 and there are 1512 story books. Due the collection of some more story books the said ratio becomes 15 : 4. The number of story books collected is
(1) 108   (2) 100
(3) 205   (4) 97
(SSC CGL Tier-II Exam. 12.04.2015 TF No. 567 TL 9)

30. In a 500 metre race, the ratio of speeds of two runners P and Q is 3 : 5. P has a start of 200 metre then the distance between P and Q at the finish of the race is
(1) P wins by 100 metre
(2) Both reach at the same time
(3) Q wins by 100 metre
(4) Q wins by 50 metre
(SSC CAPFs SI, CISF ASI & Delhi Police SI Exam, 21.06.2015 IInd Sitting)

31. In a school there were 1554 students and the ratio of the number of the boys and girls was 4 : 3. After a few days, 30 girls joined the school but a few boys left; as a result the ratio of the boys and girls became 7 : 6. The number of boys who left the school is
(1) 76   (2) 74
(3) 84   (4) 86
(SSC CGL Tier-II Exam, 25.10.2015, TF No. 1099685)

32. The ratio of the radii of two cylinders is 2 : 3, and the ratio of their heights is 5 : 3. The ratio of their volumes will be
(1) 9 : 4   (2) 20 : 27
(3) 4 : 9   (4) 27 : 20
(SSC CPO Exam. 06.06.2016) (Ist Sitting)

33. In a cricket match there are three types of tickets say A, B and C each costing Rs. 1000, Rs. 500 and Rs. 200 respectively. The ratio of the tickets sold of categories A, B and C is 3 : 2 : 5. If the total collection from selling the tickets is Rs 2.5 crore, find the total number of tickets sold?
(1) 5000   (2) 4800
(3) 50000   (4) 52000
(SSC CAPFs (CPO) SI & ASI, Delhi Police Exam. 05.06.2016) (Ist Sitting)

34. An office opens at 10 AM and closes at 5 PM. The lunch interval is for 30 minutes. The ratio of lunch interval to the total period of office hours is
(1) 1 : 7   (2) 1 : 14
(3) 7 : 1   (4) 14 : 1
(SSC CGL Tier-I (CBE) Exam. 03.09.2016) (IInd Sitting)

35. The railway fares of air conditioned sleeper and ordinary sleeper class are in the ratio 4 : 1. The number of passengers travelled by air conditioned sleeper and ordinary sleeper classes were in the ratio 3 : 25. If the total collection was Rs. 37,000, how much did air conditioner sleeper passengers pay ?
(1) Rs. 15,000 (2) Rs. 10,000
(3) Rs. 12,000 (4) Rs. 16,000
(SSC CGL Tier-I (CBE) Exam. 02.09.2016) (IInd Sitting)

36. The ratio of the amount of work done by $(x-1)$ labours in $(x+1)$ days and that done by $(x+1)$ labours in $(x+2)$ days is 5 : 6. Then the value of x is
(1) 16   (2) 15
(3) 17   (4) 14
(SSC CGL Tier-II (CBE) Exam. 30.11.2016)

37. If the ratio of cost price and selling price of an article is 4 : 5, then the percentage of profit will be
(1) 20   (2) 0.1
(3) 10   (4) 25
(SSC CGL Tier-I (CBE) Exam. 03.09.2016 (IInd Sitting)

38. A shopkeeper earns a profit of 15% after selling a book at 20% discount on the printed price. The ratio of the cost price and printed price of the book is :
(1) 20 : 23   (2) 23 : 20
(3) 16 : 23   (4) 23 : 16
(SSC CGL Tier-I (CBE) Exam. 04.09.2016 (IIIrd Sitting)

39. The rates of working of A and B are in the ratio of 2 : 3. The number of days taken by each of them to finish the work is in the ratio :
(1) 2 : 3   (2) 4 : 9
(3) 3 : 2   (4) 9 : 4
(SSC CGL Tier-I (CBE) Exam. 10.09.2016 (IInd Sitting)

40. In an army selection process, the ratio of selected to unselected candidates was 3 : 1. If 80 less had applied and 40 less selected, the ratio of selected to unselected candidates would have been 4 : 1. How many candidates had applied for the process?
(1) 480   (2) 960
(3) 240   (4) 1440
(SSC CHSL (10+2) Tier-I (CBE) Exam. 15.01.2017) (IInd Sitting)

41. In an army selection process, the ratio of selected to unselected candidates was 4:1. If 90 less had applied and 20 less were selected, the ratio of selected to unselected candidates would have been 5:1. How many candidates had applied for the process ?
(1) 1650   (2) 3300
(3) 825   (4) 4950
(SSC CHSL (10+2) Tier-I (CBE) Exam. 16.01.2017) (IInd Sitting)

▬ SHORT ANSWERS ▬

TYPE-I

1. (1)	**2.** (3)	**3.** (3)	**4.** (4)
5. (1)	**6.** (3)	**7.** (1)	**8.** (3)
9. (4)	**10.** (2)	**11.** (4)	**12.** (1)
13. (1)	**14.** (2)	**15.** (3)	**16.** (2)
17. (3)	**18.** (3)	**19.** (4)	**20.** (1)
21. (3)	**22.** (2)	**23.** (2)	**24.** (2)
25. (3)	**26.** (3)	**27.** (3)	**28.** (4)
29. (4)	**30.** (4)	**31**. (1)	**32.** (1)
33. (2)	**34.** (4)	**35.** (1)	**36.** (3)
37. (1)	**38.** (2)	**39.** (3)	**40.** (2)

41. (3)	**42.** (3)	**43.** (3)	**44.** (3)
45. (2)	**46.** (3)	**47.** (2)	**48.** (4)
49. (1)	**50.** (4)	**51.** (2)	**52.** (3)
53. (3)	**54.** (1)	**55.** (4)	**56.** (4)
57. (4)	**58.** (3)	**59.** (3)	**60.** (1)
61. (3)	**62.** (3)	**63.** (1)	**64.** (3)
65. (1)	**66.** (2)	**67.** (4)	**68.** (1)
69. (3)	**70.** (3)	**71.** (1)	**72.** (4)
73. (4)	**74.** (3)	**75.** (2)	**76.** (1)
77. (1)	**78.** (1)	**79.** (1)	**80.** (3)
81. (3)	**82.** (2)	**83.** (1)	**84.** (1)
85. (2)	**86.** (3)	**87.** (3)	**88.** (1)
89. (4)	**90.** (2)	**91.** (3)	**92.** (2)
93. (4)	**94.** (3)	**95.** (2)	**96.** (3)
97. (2)	**98.** (2)	**99.** (2)	**100.** (2)
101. (2)	**102.** (3)	**103.** (2)	**104.** (2)
105. (3)			

TYPE-II

1. (2)	**2.** (1)	**3.** (4)	**4.** (3)
5. (4)	**6.** (3)	**7.** (4)	**8.** (1)
9. (2)	**10.** (2)	**11.** (1)	

TYPE-III

1. (1)	**2.** (1)	**3.** (2)	**4.** (1)
5. (1)			

TYPE-IV

1. (2)	**2.** (3)	**3.** (1)	**4.** (1)
5. (3)	**6.** (2)	**7.** (2)	**8.** (4)
9. (1)	**10.** (3)	**11.** (4)	**12.** (3)
13. (3)	**14.** (2)	**15.** (1)	**16.** (3)
17. (2)	**18.** (3)	**19.** (4)	**20.** (1)
21. (4)	**22.** (3)	**23.** (3)	**24.** (2)
25. (3)	**26.** (2)	**27.** (1)	**28.** (4)
29. (4)	**30.** (1)		

TYPE-V

1. (3)	**2.** (2)	**3.** (3)	**4.** (1)
5. (2)	**6.** (3)	**7.** (4)	**8.** (3)
9. (4)	**10.** (1)	**11.** (1)	**12.** (4)
13. (1)	**14.** (3)	**15.** (2)	**16.** (3)
17. (4)	**18.** (3)	**19.** (1)	**20.** (3)
21. (3)	**22.** (4)	**23.** (2)	**24.** (1)

25. (3)	**26.** (2)	**27.** (3)	**28.** (2)
29. (3)	**30.** (4)	**31.** (4)	**32.** (1)
33. (1)	**34.** (3)	**35.** (1)	**36.** (2)
37. (3)	**38.** (1)	**39.** (2)	**40.** (4)
41. (4)	**42.** (1)		

TYPE-VI

1. (3)	**2.** (4)	**3.** (1)	**4.** (2)
5. (3)	**6.** (1)		

TYPE-VII

1. (3)	**2.** (1)	**3.** (3)	**4.** (3)
5. (2)	**6.** (2)	**7.** (3)	**8.** (3)
9. (1)	**10.** (3)	**11.** (4)	**12.** (1)
13. (4)	**14.** (2)	**15.** (3)	**16.** (1)
17. (4)	**18.** (3)	**19.** (2)	**20.** (3)
21. (1)	**22.** (3)	**23.** (4)	**24.** (1)
25. (2)	**26.** (2)	**27.** (4)	**28.** (3)
29. (3)	**30.** (1)	**31.** (2)	

TYPE-VIII

1. (1)	**2.** (3)	**3.** (4)	**4.** (1)
5. (1)	**6.** (2)	**7.** (3)	**8.** (3)
9. (1)	**10.** (4)	**11.** (4)	**12.** (3)
13. (1)	**14.** (3)	**15.** (2)	**16.** (2)
17. (4)	**18.** (4)	**19.** (1)	**20.** (4)
21. (1)	**22.** (2)	**23.** (4)	**24.** (4)
25. (3)	**26.** (2)	**27.** (1)	**28.** (3)
29. (4)	**30.** (3)	**31.** (3)	**32.** (1)
33. (2)	**34.** (4)	**35.** (1)	**36.** (4)
37. (1)	**38.** (1)	**39.** (4)	**40.** (2)
41. (1)	**42.** (2)	**43.** (3)	**44.** (2)
45. (2)	**46.** (3)	**47.** (4)	**48.** (3)
49. (3)	**50.** (2)	**51.** (1)	**52.** (4)
53. (1)	**54.** (4)	**55.** (4)	**56.** (4)
57. (4)	**58.** (2)	**59.** (3)	**60.** (3)
61. (1)	**62.** (2)	**63.** (4)	**64.** (1)
65. (2)	**66.** (2)	**67.** (2)	**68.** (2)
69. (3)	**70.** (3)	**71.** (1)	**72.** (2)
73. (3)	**74.** (2)	**75.** (3)	**76.** (2)
77. (2)	**78.** (2)	**79.** (2)	**80.** (1)
81. (4)	**82.** (4)		

TYPE-IX

1. (1)	**2.** (4)	**3.** (4)	**4.** (1)
5. (4)	**6.** (1)	**7.** (3)	**8.** (3)
9. (2)	**10.** (1)	**11.** (3)	**12.** (3)
13. (2)	**14.** (1)	**15.** (4)	**16.** (1)
17. (2)	**18.** (2)	**19.** (1)	**20.** (4)
21. (3)	**22.** (3)	**23.** (2)	**24.** (4)
25. (3)	**26.** (1)	**27.** (1)	**28.** (2)
29. (4)	**30.** (3)		

TYPE-X

1. (2)	**2.** (1)	**3.** (2)	**4.** (3)
5. (2)	**6.** (2)	**7.** (4)	**8.** (3)
9. (2)	**10.** (1)	**11.** (3)	**12.** (4)
13. (2)	**14.** (3)	**15.** (2)	**16.** (3)

TYPE-XI

1. (4)	**2.** (3)	**3.** (1)	**4.** (2)
5. (1)	**6.** (1)	**7.** (4)	**8.** (4)
9. (2)	**10.** (4)	**11.** (4)	**12.** (4)
13. (4)	**14.** (3)	**15.** (2)	**16.** (1)
17. (3)	**18.** (2)	**19.** (4)	**20.** (2)
21. (2)	**22.** (2)	**23.** (2)	**24.** (2)
25. (3)	**26.** (3)	**27.** (2)	**28.** (4)
29. (1)	**30.** (1)	**31.** (2)	**32.** (3)
33. (4)	**34.** (1)	**35.** (3)	**36.** (4)
37. (1)	**38.** (2)	**39.** (1)	**40.** (4)
41. (2)	**42.** (3)	**43.** (4)	**44.** (1)
45. (2)	**46.** (3)	**47.** (3)	**48.** (1)
49. (1)	**50.** (1)		

TYPE-XII

1. (3)	**2.** (3)	**3.** (3)	**4.** (1)
5. (4)	**6.** (3)	**7.** (1)	**8.** (1)
9. (1)	**10.** (1)	**11.** (3)	**12.** (2)
13. (4)	**14.** (3)	**15.** (3)	**16.** (2)
17. (1)	**18.** (4)	**19.** (3)	**20.** (3)
21. (2)	**22.** (1)	**23.** (4)	**24.** (2)
25. (2)	**26.** (3)	**27.** (3)	**28.** (4)
29. (1)	**30.** (2)	**31.** (1)	**32.** (2)
33. (3)	**34.** (2)	**35.** (3)	**36.** (1)
37. (4)	**38.** (3)	**39.** (3)	**40.** (1)
41. (1)			