

STUDENT'S SENA



Quantitative Aptitude: Number Series based on RRB Assistant prelims 2017

1. 5, 8, 12, 18, 27, ?
2. 2, 10, 30, 68, 130, ?
3. 142, 133, 115, 88, ?, 7
4. 3, 8, 18, 38, 78, ?
5. 6, 3, 3, 6, 24, ?
6. 2, 9, 30, 93, 282, ?
7. 158, 151, 137, 116, ?, 53
8. 3, 11, 35, 91, 195, ?
9. 8, 4, 4, 8, 32, ?
10. 8, 12, 17, 24, 34, ?
11. 408, 405, 396, 369, 288, ?
12. 220, 108, 52, 24, 10, ?
13. 91, 70, 51, 35, 23, ?
14. 8, 4, 6, 15, ?, 236.25
15. 7, 8, 16, 43, ?, 232
16. 5, 9, 25, 61, 125, ?
17. 103, 81, 61, 44, 31,
18. 8, 5, 6, 13, ?, 425
19. 1563, 1559, 1543, 1479, 1223, ?
20. 291, 147, 75, 39, ?, 12
21. 6, 8, 13, 23, ?, 56
22. 7, 8, 18, 57, 232, ?
23. 8, 5, 6, 10, 21, ?



STUDENT'S SENA

24. 4, 18, 46, 102, ?, 438

25. 109, 110, 102, 129, 65, ?

26. 7, 6, 10, 36, 280, ?

27. 6, 14, 78, 294, 806, ?

28. 4, 7, 16, 43, 124, ?

29. 69, 67, 62, 52, ?

30. 13, 7, 8, 13.5, 29, ?

31. 7, 7, 10, 18, ?, 57

32. 7, 8, 16, 43, 107, ?

33. 98, 111, 85, 137, ?, 241

34. 6, 5, 8, 21, 80, ?

35. 10, 4, 3, 3.5, 6, ?

Solutions:

$$1.....+3.....+4.....+6.....+9.....+13$$
$$.....+1.....+2.....+3.....+4$$

$$2.....+8.....+20.....+38.....+62.....+92$$
$$.....+12.....+18.....+24.....+30$$

$$3.....-9.....-18.....-27.....-36$$

$$4.*2 + 2, *2 + 2, *2 + 2, *2 + 2$$

$$5.*0.5, *1, *2, *4, *8$$

$$6.*3 + 3, *3 + 3, *3 + 3, *3 + 3$$

$$7.....-7.....-14.....-21.....-28$$

$$8.+8.....+24.....+56.....+104.....+168$$
$$.....+16.....+32.....+48.....+64$$

$$9. *0.5, *1, *2, *4, *8$$



STUDENT'S SENA

$$10. +4 \dots +5 \dots +7 \dots +10 \dots +14 \\ \dots +1 \dots +2 \dots +3 \dots +4$$

$$11. -3, -9, -27, -81, -243$$

$$12. -112, -56, -28, -14, -7$$

$$13. -21, -19, -16, -12, -7$$

$$14. *0.5, *1.5, *2.5, *3.5$$

$$15. +1^3, +2^3, +3^3, +4^3, ..$$

$$16. +2^2, +4^2, +6^2, +8^2, ..$$

$$17. -22, -20, -17, -13, -8$$

$$18. *0.5 + 1, *1 + 1, *2 + 1, *4 + 1$$

$$19. -4, -16, -64, -256, -1024$$

$$20. -144, -72, -36, -18, -9$$

$$21. +2 \dots +5 \dots +10 \dots +17 \dots +26 \\ +3 \dots +5 \dots +7 \dots +9$$

$$22. x1+1 \dots x2+2 \dots x3+3 \dots x4+4$$

$$23. x0.5+1 \dots x1+1 \dots x1.5+1 \dots x2+1$$

$$24. +14 \dots +28 \dots +56 \dots +112 \text{ (Double)}$$

$$25. +1 \dots -8 \dots +27 \dots -64 \dots +125 \text{ (Cube)}$$

$$26. x1-1 \dots x2-2 \dots x4-4 \dots x8-8$$

$$27. +8 \dots +64 \dots +216 \dots +512 \text{ (difference - Cubes of 2,4,6,8,10)}$$

$$28. +3 \dots +9 \dots +27 \dots +81 \dots +243$$

$$29. +2 \dots +5 \dots +10 \dots +17$$

$$+3 \dots +5 \dots +7$$

$$30. x0.5+0.5 \dots x1+1 \dots x1.5+1.5 \dots x2+2$$

$$31. +0 \dots +3 \dots +8 \dots +15$$

$$32. +1 \dots +8 \dots +27 \dots +64 \dots +125$$

$$33. +13 \dots -26 \dots +52 \dots -104$$

$$34. x1-1 \dots x2-2 \dots x3-3 \dots x4-4$$

STUDENT'S SENA



35.x0.5-1.....x1-1.....x1.5-1.....x2-1