

# SBI PO 2022

## Important Number Series Qs PDF

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**Direction:** Find the wrong term in the given series:

1. 120, 201, 310, 422, 566, 735  
A. 201  
B. 310  
C. 422  
D. 566  
E. 735

**Direction:** Find the wrong term in the given series:

2. 1, 5, 11, 49, 240, 1441, 10079  
A. 49  
B. 11  
C. 5  
D. 240  
E. 1441

**Direction:** In the following number series, only one number is wrong. Find out the incorrect number.

3. 320, 321, 313, 340, 276, 400  
A. 321  
B. 313  
C. 340  
D. 276  
E. 400

**Direction:** Find the wrong term in the given series:

4. 42, 22, 24, 40, 82, 210  
A. 22  
B. 24  
C. 40  
D. 82  
E. 210

**Direction:** In the following number series, only one number is wrong. Find out the incorrect number.

5. 12, 72, 60, 360, 336, 2088  
A. 60  
B. 360  
C. 336  
D. 2088  
E. None of these

**Direction:** In the following number series only one number is wrong. Find out the wrong number.

6. 13, 16, 21, 30, 39, 52, 69  
A. 21  
B. 39

- C. 30  
D. 52  
E. 16

**Direction:** Find the wrong term in the given series:

7. 17, 18, 40, 129, 522, 2685  
A. 18  
B. 40  
C. 129  
D. 522  
E. 2685

**Direction:** In the following number series, only one number is incorrect. Find out the incorrect number.

8. 82, 65, 84, 61, 88, 59  
A. 65  
B. 84  
C. 61  
D. 88  
E. 59

**Direction:** Find the wrong number in the following series

9. 2, 3, 8, 27, 112, 570, 3396  
A. 3  
B. 570  
C. 3396  
D. 8  
E. 112

**Direction:** In these question, a number series is given. Only one number is wrong which doesn't fit in the series. Find out the wrong number.

10. 15, 19, 81, 119, 631, 731  
A. 81  
B. 19  
C. 119  
D. 631  
E. 731

**Directions:** In the following number series, one of the numbers is missing.

11. 4, 6, 9, ?, 20.25, 30.375  
A. 12  
B. 13.5  
C. 12.5  
D. 14  
E. 15



**Direction:** What will come in place of the question mark (?) in the following number series?

12. 32, 45, 60, 77, ?

- A. 96
- B. 98
- C. 101
- D. 94
- E. 95

**Direction:** What should come in place of question mark (?) in the following number series?

13. 8, 5, 6, 10, 21, ?

- A. 50.5
- B. 52.25
- C. 55
- D. 53.5
- E. None of these

**Direction:** What will come in place of the question mark (?) in the following number series?

14. 1327, 992, 713, 480, 279, ?

- A. 68
- B. 78
- C. 98
- D. 88
- E. 108

**Direction:** What will come in place of the question mark (?) in the following number series?

15. 5040, ?, 1814.4, 1088.64, 653.184

- A. 3126
- B. 3116
- C. 3014
- D. 3024
- E. 3114

**Direction:** In the following number series only one number is wrong. Find out the wrong number.

16. 64, 66, 76, 106, 180, 304

- A. 76
- B. 106
- C. 180
- D. 64
- E. 304

**Direction:** In the following number series, only one number is wrong. Find out the incorrect number.

17. 32, 45, 60, 81, 104, 133

- A. 45
- B. 60
- C. 81
- D. 104
- E. 133

**Direction:** Find the wrong term in the given series:

18. 7, 4, 5, 9, 20, 51, 160.5

- A. 4
- B. 5
- C. 7
- D. 51
- E. 160.5

**Direction:** In the following number series, only one number is wrong. Find out the incorrect number.

19. 0, 3, 10, 20, 36, 55

- A. 0
- B. 55
- C. 36
- D. 20
- E. 10

**Direction:** In the following number series only one number is wrong. Find out the wrong number.

20. 22, 30, 46, 70, 104, 142

- A. 30
- B. 46
- C. 70
- D. 104
- E. 142

**Direction:** Find the missing number in the given series.

21. 14, 9, 20, 12, ?, 15

- A. 55
- B. 14
- C. 30
- D. 26
- E. 35

**Direction:** Find the Missing term in the following series:

22. 3.2, 4.8, 2.4, 3.6, ?, 2.7

- A. 12.5
- B. 1.8
- C. 6.8
- D. 13.2
- E. 1.5



**Direction:** What should come in place of the question mark '?' in the following number series?

23. 30, 42, 56, 72, 90, ?

- A. 110
- B. 111
- C. 215
- D. 152
- E. 116

**Direction:** What should come in place of question mark (?) in the following number series?

24. 2, 4, 10, 32, ?, 652

- A. 130
- B. 150
- C. 170
- D. 190
- E. None of these

**Direction:** What will come in place of the question mark (?) in the following number series?

25. 9, 13, 4, 20, ?, 31

- A. 5
- B. -5
- C. 25
- D. -21
- E. 26

**Direction:** What should come in place of the question mark (?) in the following number Series?

26. 1470, 1390, 1320, 1260, 1210, 1170, ?

- A. 1120
- B. 1140
- C. 1130
- D. 1150
- E. 1110

27. **Directions:** What should come in place of question mark (?) in the following number series?

41, 17, ?, 13, 41, 9

- A. 31
- B. 51
- C. 41
- D. 47
- E. 71

28. **Directions:** What should come at place of question mark (?) in the following number series?

198 190 175 151 116 (?)

- A. 48
- B. 62
- C. 68
- D. 42
- E. None of these

**Direction:** What will come in place of the question mark (?) in the following number series?

29. 28, 29, 56, 171, 680, ?

- A. 4015
- B. 3225
- C. 3415
- D. 3390
- E. 3405

30. **Direction:** What will come in place of the question mark (?) in the following number series?

50, 31, 88, (?), 126, -45, 164

- A. 102
- B. -7
- C. 100
- D. 183
- E. -5

**Direction:** Find out the wrong number in the following number series.

31. 2, 10, 18, 54, 162, 486, 1458

- A. 18
- B. 54
- C. 162
- D. 10
- E. 486

**Direction:** In the following number series, one number is wrong. Find out the wrong number and answer accordingly:

32. 446, 225, 110, 54, 26, 12

- A. 446
- B. 225
- C. 54
- D. 26
- E. 12

**Direction:** In the following number series, one of the numbers is wrong. Find out the wrong number.

33. 11, 12, 25, 81, 328, 1645

- A. 25
- B. 12
- C. 11



- D. 328
- E. 81

**Direction:** Find the wrong term in the given series:

34. 52, 119, 205, 328, 470, 637

- A. 119
- B. 205
- C. 52
- D. 470
- E. 328

**Direction:** In the following number series, a wrong number is given. Find out that wrong number.

35. 14, 32, 105, 436, 2195, 13266

- A. 105
- B. 2195
- C. 13266
- D. 14
- E. 436

**Direction:** What should come in place of the question mark (?) in the following number series?

36. 114, 121, ?, 177, 226, 289

- A. 145
- B. 142
- C. 149
- D. 147
- E. 141

37. 6, 8, 20, 66, ?, 1370

- A. 272
- B. 92
- C. 131
- D. 198
- E. 242

**Direction:** What will come in place of the question mark (?) in the following number series?

38. 3600, 600, ?, 30, 10, 5

- A. 110
- B. 185
- C. 120
- D. 193
- E. 180

39. 453, 454, 451, 456, 449, ?

- A. 488
- B. 490
- C. 458

- D. 465
- E. 470

**Direction:** What should come in place of the question mark '?' in the following number series?

40. 12, 13, 16, 31, 136, ?

- A. 1083
- B. 982
- C. 1081
- D. 753
- E. 956

**Direction:** What value should come at the place of question mark (?) in the given number series?

41. 10, 5.5, ?, 15, 64, 520

- A. 7.5
- B. 6.5
- C. 3.25
- D. 11
- E. 12

**Direction:** What should come in place of the question mark '?' in the following number series?

42. 9, 8, 18, ?, 208, 1035

- A. 50
- B. 51
- C. 49
- D. 65
- E. 72

**Direction:** What should come at the place of question mark (?) in the following number series?

43. 175644, 58545, 11704, 1665, ?, 5

- A. 750
- B. 176
- C. 525
- D. 256
- E. 395

**Direction:** What will come in place of question mark (?) in the given number series?

44. 9480, 5384, 8759, 6015, 8212, ?

- A. 6934
- B. 6484
- C. 6692
- D. 6816
- E. None of these



**Direction:** What should come in place of the question mark '?' in the following number series?

45. 3, 4, 8, 17, 33, 58, ?

- A. 86
- B. 94
- C. 98
- D. 78
- E. 88

**Direction:** Find out the wrong number in the following number series.

46. 27, 34, 45, 54, 67, 82, 99

- A. 27
- B. 34
- C. 45
- D. 67
- E. 82

**Direction:** The following number series has a wrong number in it. Find out that wrong number and mark your answer accordingly:

47. 11, 19, 36, 67, 131, 259

- A. 19
- B. 36
- C. 67
- D. 131
- E. 259

**Direction:** In the following number series, a wrong number is given. Find out that wrong number.

48. 2500, 1500, 900, 625, 324, 194.4

- A. 1500
- B. 625
- C. 900
- D. 324
- E. 2500

**Direction:** Find the wrong number in the series

49. 75, 67, 71, 65, 67, 59, 63

- A. 75
- B. 67
- C. 65
- D. 71
- E. 63

**Direction:** Find the wrong term in the given series:

50. 13, 26, 46, 72, 103, 145

- A. 13
- B. 46
- C. 26
- D. 103
- E. 145



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###ANSWERS###

1. Ans. B.

The Pattern is:-

$$120 + 9^2 = 201$$

$$201 + 10^2 = 301$$

$$301 + 11^2 = 422$$

$$422 + 12^2 = 566$$

$$566 + 13^2 = 735$$

Thus, the incorrect number is 310.

So option (b) is the correct answer.

2. Ans. D.

The series is based on the following pattern:

$$1 \times 2 + 3 = 5$$

$$5 \times 3 - 4 = 11$$

$$11 \times 4 + 5 = 49$$

$$49 \times 5 - 6 = \mathbf{239}$$

$$239 \times 6 + 7 = 1441$$

$$1441 \times 7 - 8 = 10079$$

**240** is wrong and it should be replaced by  $49 \times 5 - 6 = \mathbf{239}$

3. Ans. E.

The Pattern is:-

$$320 + 1^3 = 321$$

$$321 - 2^3 = 313$$

$$313 + 3^3 = 340$$

$$340 - 4^3 = 276$$

$$276 + 5^3 = 401$$

Thus, the incorrect number is 400.

So option (e) is the correct answer.

4. Ans. C.

The Pattern is:-

$$42 \times 0.5 + 1 = 22$$

$$22 \times 1 + 2 = 24$$

$$24 \times 1.5 + 3 = 39$$

$$39 \times 2 + 4 = 82$$

$$82 \times 2.5 + 5 = 210$$

Thus, the incorrect number is 40.

So option (c) is the correct answer.

5. Ans. C.

The Pattern is:-

$$12 \times 6 = 72$$

$$72 - 12 = 60$$

$$60 \times 6 = 360$$

$$360 - 12 = 348$$

$$348 \times 6 = 2088$$

Thus, the incorrect number is 336.

So option (c) is the correct answer.

6. Ans. C.

The pattern of series is as:

$$\begin{array}{cccccccc} 13 & 16 & 21 & 28 & 39 & 52 & 69 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ & +3 & +5 & +7 & +11 & +13 & +17 \end{array}$$

Hence 30 is the wrong term.

7. Ans. D.

$$(17 + 1) * 1 = 18$$

$$(18 + 2) * 2 = 40$$

$$(40 + 3) * 3 = 129$$

$$\mathbf{(129 + 4) * 4 = 532}$$

$$(532 + 5) * 5 = 2685$$

8. Ans. D.

The series follows the pattern,

$$82 - 17 = 65$$

$$65 + 19 = 84$$

$$84 - 23 = 61$$

$$61 + 29 = 90$$

$$90 - 31 = 59$$

Thus, the incorrect number is 88

So option (d) is the correct answer.

9. Ans. B.

Series following the pattern,

$$3 = 2 * 1 + 1$$

$$8 = 3 * 2 + 2$$

$$27 = 8 * 3 + 3$$

$$112 = 27 * 4 + 4$$

$$\mathbf{565 = 112 * 5 + 5}$$

$$3396 = 565 * 6 + 6$$

So 565 will come instead of 570.

Hence, option B.

10. Ans. A.

The series is  $15 + 2^2 = 19$

$$19 + 4^3 = 83$$

$$83 + 6^2 = 119$$

$$119 + 8^3 = 631$$

$$631 + 10^2 = 731$$

Hence, there should be 83 in place of 81.

11. Ans. B.

$$4 \times 1.5 = 6$$

$$6 \times 1.5 = 9$$

$$9 \times 1.5 = 13.5$$

$$13.5 \times 1.5 = 20.25$$



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20.  $25 \times 1.5 = 30.375$

12. Ans. A.

$32 + 13 = 45$

$45 + 15 = 60$

$60 + 17 = 77$

$77 + 19 = 96$

13. Ans. D.

8, 5, 6, 10, 21, ?

$5 = 8 \times 0.5 + 1$

$6 = 5 \times 1 + 1$

$10 = 6 \times 1.5 + 1$

$21 = 10 \times 2 + 1$

$? = 21 \times 2.5 + 1 = 53.5$

14. Ans. D.

$11^3 - 4 = 1327$

$10^3 - 8 = 992$

$9^3 - 16 = 713$

$8^3 - 32 = 480$

$7^3 - 64 = 279$

$6^3 - 128 = 88$

15. Ans. D.

The series has the following pattern

$5040 \times 0.6,$

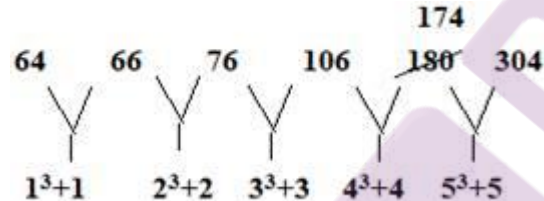
$3024 \times 0.6,$

$1814.4 \times 0.6,$

$1088.64 \times 0.6,$

$653.184 \times 0.6$

16. Ans. C.



17. Ans. B.

The Pattern is:- adding prime numbers

$\rightarrow 32$

$\rightarrow 32 + 13 = 45$

$\rightarrow 45 + 17 = 62$

$\rightarrow 62 + 19 = 81$

$\rightarrow 81 + 23 = 104$

$\rightarrow 104 + 29 = 133$

Thus, the incorrect number is 60

So option (b) is the correct answer.

18. Ans. D.

pattern is ;  $\times 0.5 + 0.5, \times 1 + 1, \times 1.5 + 1.5, \times 2 + 2, \times 2.5 + 2.5, \times 3 + 3$

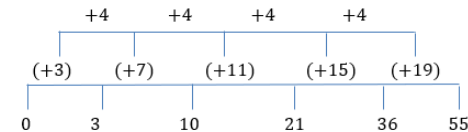
So series is:

7, 4, 5, 9, 20, (**52.5**), 160.5

**51** is wrong number is the series.

19. Ans. D.

The Pattern is:-



Thus, the incorrect number is 20.

So option (d) is the correct answer.

20. Ans. D.

The Pattern is:-

$22 + 8 \times 1 = 30$

$30 + 8 \times 2 = 46$

$46 + 8 \times 3 = 70$

$70 + 8 \times 4 = 102$

$102 + 8 \times 5 = 142$

Thus, the incorrect number is 104.

So option (d) is the correct answer.

21. Ans. D.

$14 \div 2 + 2 = 9$

$9 \times 2 + 2 = 20$

$20 \div 2 + 2 = 12$

$12 \times 2 + 2 = 26$

$26 \div 2 + 2 = 15$

22. Ans. B.

The series is

$3.2 \times 1.5 = 4.8$

$4.8 \div 2 = 2.4$

$2.4 \times 1.5 = 3.6$

$3.6 \div 2 = 1.8$

23. Ans. A.

The series is  $5^2 + 5 = 30$

$6^2 + 6 = 42$

$7^2 + 7 = 56$

$8^2 + 8 = 72$

$9^2 + 9 = 90$

$10^2 + 10 = 110.$

Thus, option (A) is correct choice.

24. Ans. A.

The pattern followed is: 2, 4, 10, 32, ?, 652

$4 = 2 \times 1 + 2$

$10 = 4 \times 2 + 2$

$32 = 10 \times 3 + 2$

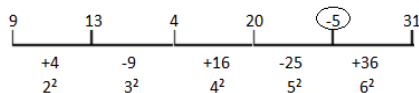
$? = 32 \times 4 + 2, \text{ i.e. } ? = 130$

$652 = 130 \times 5 + 2$

25. Ans. B.







Hence option B is the right answer.

26. Ans. B.

$$1470 - 80 = 1390$$

$$1390 - 70 = 1320$$

$$1320 - 60 = 1260$$

$$1260 - 50 = 1210$$

$$1210 - 40 = 1170$$

$$1170 - 30 = 1140$$

27. Ans. C.

The pattern is:

$$30 * 1 + 11 = 41$$

$$29 * 1 - 12 = 17$$

$$28 * 1 + 13 = 41$$

$$27 * 1 - 14 = 13$$

$$26 * 1 + 15 = 41$$

$$25 * 1 - 16 = 9$$

28. Ans. C.

The pattern of given series is:

$$\rightarrow 198,$$

$$\rightarrow 190 = 198 - 3^2 + 1,$$

$$\rightarrow 175 = 190 - 4^2 + 1,$$

$$\rightarrow 151 = 175 - 5^2 + 1,$$

$$\rightarrow 116 = 151 - 6^2 + 1,$$

$$\rightarrow ? = 116 - 7^2 + 1,$$

$$\rightarrow ? = 68$$

Thus, the missing number is 68

29. Ans. E.

$$28 * 1 + 1 = 29$$

$$29 * 2 - 2 = 56$$

$$56 * 3 + 3 = 171$$

$$171 * 4 - 4 = 680$$

$$680 * 5 + 5 = 3405$$

30. Ans. B.

The pattern of given series is:

$$\rightarrow 50,$$

$$\rightarrow 31 = 50 - (19 \times 1),$$

$$\rightarrow 88 = 31 + (19 \times 3),$$

$$\rightarrow ? = 88 - (19 \times 5),$$

$$\rightarrow ? = -7$$

$$\rightarrow 126 = -7 + (19 \times 7),$$

$$\rightarrow -45 = 126 - (19 \times 9)$$

$$\rightarrow 164 = -45 + (19 \times 11)$$

Thus, the missing number is -7

31. Ans. D.

$$2 \times 3 = 6$$

$$6 \times 3 = 18$$

$$18 \times 3 = 54$$

$$54 \times 3 = 162$$

$$162 \times 3 = 486$$

$$486 \times 3 = 1458$$

32. Ans. B.

$$446 - 224 = 222 \text{ (is correct not 225)}$$

$$222 - 112 = 110$$

$$110 - 56 = 54$$

$$54 - 28 = 26$$

$$26 - 14 = 12$$

(divide the difference by 2 and subtract)

33. Ans. A.

$$11 \times 1 + 1 = 12$$

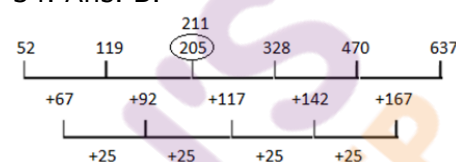
$$12 \times 2 + 2 = 26$$

$$26 \times 3 + 3 = 81$$

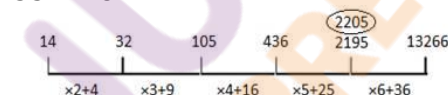
$$81 \times 4 + 4 = 328$$

$$328 \times 5 + 5 = 1645$$

34. Ans. B.



35. Ans. B.



36. Ans. B.

The pattern of the series is:

$$114 + 1 \times 7 = 121$$

$$121 + 3 \times 7 = \mathbf{142}$$

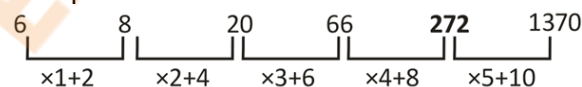
$$142 + 5 \times 7 = 177$$

$$177 + 7 \times 7 = 226$$

$$226 + 9 \times 7 = 289$$

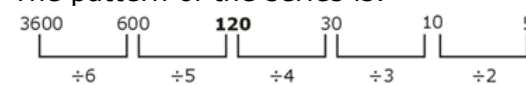
37. Ans. A.

The pattern of the series is:



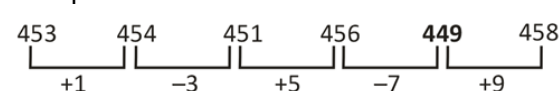
38. Ans. C.

The pattern of the series is:

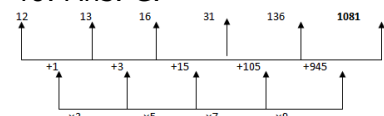


39. Ans. C.

The pattern of the series is:



40. Ans. C.



2, 13, 16, 31, 136, **1081**

Hence, option C is correct.

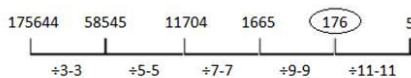


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41. Ans. B.  
 $10 \times 0.5 + 0.5 = 5.5$   
 $5.5 \times 1 + 1 = 6.5$   
 $6.5 \times 2 + 2 = 15$   
 $15 \times 4 + 4 = 64$   
 $64 \times 8 + 8 = 520$
42. Ans. B.  
 $9 \times 1 - 1 = 8$   
 $8 \times 2 + 2 = 18$   
 **$18 \times 3 - 3 = 51$**   
 $51 \times 4 + 4 = 208$   
 $208 \times 5 - 5 = 1035$
43. Ans. B.



44. Ans. B.  
 The pattern of the series is as follows  
 $- 16^3, + 15^3, - 14^3, + 13^3, - 12^3$   
 Hence the no. is  $= 8212 - 12^3 = 6484$
45. Ans. B.  
 $4 = 3 + 1^2$   
 $8 = 4 + 2^2$   
 $17 = 8 + 3^2$   
 $33 = 17 + 4^2$   
 $58 = 33 + 5^2$   
 Next term will be  
 $58 + 6^2 = 94$
46. Ans. C.  
 $27 + 7 = 34$   
 $34 + 9 = 43$   
 $43 + 11 = 54$

- $54 + 13 = 67$   
 $67 + 15 = 82$   
 $82 + 17 = 99$
47. Ans. B.  
 $11 \times 2 - 3 = 19$   
 $19 \times 2 - 3 = 35$   
 $35 \times 2 - 3 = 67$   
 $67 \times 2 - 3 = 131$   
 $131 \times 2 - 3 = 259$
48. Ans. B.  
 The pattern of the series:  
 $2500 \times 0.6 = 1500$   
 $1500 \times 0.6 = 900$   
 $900 \times 0.6 = 540$   
 $540 \times 0.6 = 324$   
 $\therefore$  The wrong number is 625.
49. Ans. C.  
 As this series is of form  $\rightarrow$   
 $75 - 8 = 67$   
 $67 + 4 = 71$   
 $71 - 8 = 63$   
 $63 + 4 = 67$   
 $67 - 8 = 59$   
 $59 + 4 = 63$   
 A subtraction of  $-8$  and then the addition of  $+4$  makes this series so, 65 is the wrong number in the series
50. Ans. E.  
 the series pattern is;  
 $13 \ 26 \ 46 \ 72 \ 103 \ \mathbf{138}$   
 $+13 \ +20 \ +26 \ +31 \ \mathbf{+35}$   
 $+7 \ +6 \ +5 \ \mathbf{+4}$



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