

Practice Questions For SBI/IBPS Clerk: Series

Direction (1-5): What will come in the place of question (?) mark in following number series:

Q1. 25920, 4320, 864, 216, 72, ?

- (a) 72
- (b) 18
- (c) 36
- (d) 12
- (e) 20

Q2. 131, 143, 157, 175, 201, ?

- (a) 243
- (b) 221
- (c) 287
- (d) 265
- (e) 299

Q3. 142, 142, 149, ?, 238, 362

- (a) 65
- (b) 100
- (c) 125
- (d) 175
- (e) 80

Q4. 100, 150, 250, 450, ?, 1650

- (a) 820
- (b) 850
- (c) 270
- (d) 675
- (e) 5215

Q5. 8206, ?, 8226, 8262, 8326, 8426

- (a) 8210
- (b) 8216
- (c) 8224
- (d) 8246
- (e) 8198



Direction (6 – 10): What will come in the place of question (?) mark in the following number series.

Q6. 42, 59, 79, 94, 116, ?

- (a) 109
- (b) 98
- (c) 132
- (d) 58
- (e) 129

Q7. ?, 21, 28, 45, 77, 129

- (a) 21
- (b) 19
- (c) 23
- (d) 29
- (e) 14

Q8. 428, ?, 480, 548, 652, 798

- (a) 398
- (b) 404
- (c) 442
- (d) 567
- (e) 519

Q9. 104, 119, 148, 205, ?, 459

- (a) 326
- (b) 314
- (c) 309
- (d) 304
- (e) 376

Q10. ?, 231, 274, 321, 374, 433

- (a) 120
- (b) 110
- (c) 190
- (d) 140
- (e) 150

Q11. 2500, 250, 50, 20, 16, ?

- (a) 21.4
- (b) 25.6
- (c) 29.5
- (d) 23.8
- (e) None of these

Directions (12 – 16): Each series give below there is one wrong term. Find out the wrong term from each series given below.

- Q12.** 8, 10, 19, 58, 233, 1166, 6997
- (a) 6997
 - (b) 233
 - (c) 58
 - (d) 10
 - (e) 8

- Q13.** 48, 409, 698, 867, 988, 1069, 1062
- (a) 698
 - (b) 48
 - (c) 409
 - (d) 1069
 - (e) 867

- Q14.** 10, 52, 94, 140, 192, 252, 322
- (a) 52
 - (b) 10
 - (c) 140
 - (d) 252
 - (e) 322

- Q15.** 1740, 1524, 1399, 1335, 1302, 1300, 1299
- (a) 1302
 - (b) 1740
 - (c) 1299
 - (d) 1399
 - (e) 1524

- Q16.** 500, 1200, 2700, 6072, 12751.2, 25502.4, 48454.56
- (a) 48454.56
 - (b) 1200
 - (c) 2700
 - (d) 12751.2
 - (e) 25502.4

Directions (17-21): In the following number series only one number is wrong. Find out the wrong number.

Q17. 9050, 5675, 3478, 2147, 1418, 1077

- (a) 3478
- (b) 1418
- (c) 5675
- (d) 2147
- (e) 1077

Q18. 8424, 4212, 2106, 1051, 526.5, 263.25, 131.625

- (a) 131.625
- (b) 1051
- (c) 4212
- (d) 8424
- (e) 263.25

Q19. 71, 90, 128, 185, 261, 365

- (a) 365
- (b) 128
- (c) 185
- (d) 90
- (e) 261

Q20. 8, 14, 45, 92, 267, 532

- (a) 14
- (b) 45
- (c) 92
- (d) 532
- (e) 267

Q21. 18, 36, 144, 864, 6912, 691020

- (a) 691020
- (b) 144
- (c) 864
- (d) 6912
- (e) 36

Direction (22 – 26): Find the wrong number in following number series.

Q22. 2, 3, 10, 36, 152, 770, 4632

- (a) 3
- (b) 2
- (c) 10
- (d) 152
- (e) 770

Q23. 4418, 4421, 4417, 4422, 4415, 4426, 4413

- (a) 4418
- (b) 4422
- (c) 4421
- (d) 4415
- (e) 4426

Q24. 2, 3, 8, 27, 112, 560, 3396

- (a) 3396
- (b) 3
- (c) 560
- (d) 27
- (e) 112

Q25. 108, 172, 221, 257, 282, 294, 307

- (a) 108
- (b) 172
- (c) 221
- (d) 294
- (e) 307

Q26. 451, 502, 550, 553, 349, 604, 298

- (a) 451
- (b) 502
- (c) 550
- (d) 553
- (e) 298

Direction (27-31): Find the wrong number in the given series.

Q27. 80, 152, 202, 234, 252, 240

- (a) 80
- (b) 240
- (c) 152
- (d) 252
- (e) 234

Q28. 216, 75, 40.5, 16.5, 11.25, 6.25

- (a) 75
- (b) 216
- (c) 6.25
- (d) 40.5
- (e) 11.25

Q29. 102, 108, 96, 114, 90, 100

- (a) 90
- (b) 100
- (c) 96
- (d) 108
- (e) 102

Q30. 36, 50, 22, 64, 8, 70, -6

- (a) 36
- (b) 64
- (c) 8
- (d) 70
- (e) 50

Q31. 500, 400, 507, 480, 544, 419, 635

- (a) 635
- (b) 419
- (c) 480
- (d) 400
- (e) 507



Solutions

S1. Ans.(c)

Sol. Pattern of series –

$$25920 \div 6 = 4320$$

$$4320 \div 5 = 864$$

$$864 \div 4 = 216$$

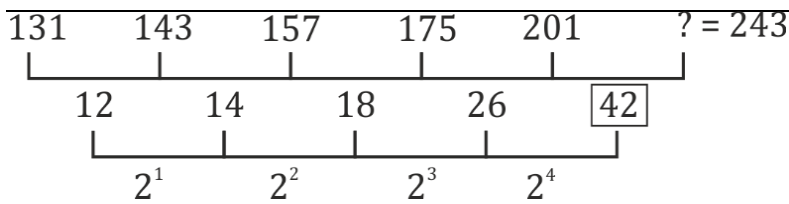
$$216 \div 3 = 72$$

$$72 \div 2 = 36$$

S2. Ans.(a)

Sol. Pattern of series –




S3. Ans.(d)

Sol. Pattern of series –

$$142 + (1^3 - 1) = 142$$

$$142 + (2^3 - 1) = 149$$

$$149 + (3^3 - 1) = 175$$

$$175 + (4^3 - 1) = 238$$

$$238 + (5^3 - 1) = 362$$

S4. Ans.(b)

Sol. Pattern of series –

$$100 \times 2 - 50 = 150$$

$$150 \times 2 - 50 = 250$$

$$250 \times 2 - 50 = 450$$

$$450 \times 2 - 50 = 850$$

$$850 \times 2 - 50 = 1650$$

S5. Ans.(a)

Sol. Pattern of series –

$$8206 + 2^2 = 8210$$

$$8210 + 4^2 = 8226$$

$$8226 + 6^2 = 8262$$

$$8262 + 8^2 = 8326$$

$$8326 + 10^2 = 8426$$

S6. Ans.(e)

Sol. The pattern of the series:

42,	59,	79,	94,	116,	?=129
17	20	15	22	13	
+3	-5	+7	-9		

S7. Ans.(b)

Sol. The pattern of the series:

?=19,	21,	28,	45,	77,	129
2	7	17	32	52	
5	10	15	20		

S8. Ans.(c)

Sol. The pattern of the series:

428,	?=442,	480,	548,	652,	798
14	38	68	104	146	
	24	30	36	42	
	6	6	6		

S9. Ans.(d)

Sol. The pattern of the series:

104,	119,	148,	205,	?=304,	459
15	29	57	99	155	
	14	28	42	56	

S10. Ans.(c)

Sol. The pattern of the series:

?=190,	231,	274,	321,	374,	433
41	43	47	53	59	

S11. Ans.(b)

Sol. The pattern of the series:

2500,	250,	50,	20,	16,	?=25.6
$\times \frac{10}{100}$	$\times \frac{20}{100}$	$\times \frac{40}{100}$	$\times \frac{80}{100}$	$\times \frac{160}{100}$	

S12. Ans.(d)

Sol. Wrong number = 10

Pattern of series –

$$8 \times 1 + 1 = 9$$

$$9 \times 2 + 1 = 19$$

$$19 \times 3 + 1 = 58$$

$$58 \times 4 + 1 = 233$$

$$233 \times 5 + 1 = 1166$$

$$1166 \times 6 + 1 = 6997$$

S13. Ans.(d)

Sol. Wrong number = 1069

Pattern of series –

(addition of square of consecutive prime number in descending order)

$48 + 361 = 409$
 $409 + 289 = 698$
 $698 + 169 = 867$
 $867 + 121 = 988$
 $988 + 49 = \mathbf{1037}$
 $1037 + 25 = 1062$

S14. Ans.(b)

Sol. Wrong number = 12

Pattern of series –

12	52	94	140	192	252	322
	+40	+42	+46	+52	+60	+70
	+2	+4	+6	+8	+10	

S15. Ans.(a)

Sol. Wrong number = 1302

Pattern of series –

$1740 - 6^3 = \mathbf{1524}$
 $1524 - 5^3 = 1399$
 $1399 - 4^3 = 1335$
 $1335 - 3^3 = 1308$
 $1308 - 2^3 = 1300$
 $1300 - 1^3 = 1299$

S16. And.(c)

Sol. Wrong number = 2700

Pattern of series –

$500 \times 2.4 = 1200$
 $1200 \times 2.3 = \mathbf{2760}$
 $2760 \times 2.2 = 6072$
 $6072 \times 2.1 = 12751.2$
 $12751.2 \times 2.0 = 25502.4$
 $25502.4 \times 1.9 = 48454.56$

S17. Ans.(e)

Sol. The pattern of number series -

$9050 - 15^3 = 9050 - 3375 = 5675$
 $5675 - 13^3 = 5675 - 2197 = 3478$
 $3478 - 11^3 = 3478 - 1331 = 2147$
 $2147 - 9^3 = 2147 - 729 = 1418$
 $1418 - 7^3 = 1418 - 343 = \mathbf{1075} \neq 1077$

S18. Ans.(b)

Sol. The pattern of number series -

$$8424 \div 2 = 4212$$

$$4212 \div 2 = 2106$$

$$2106 \div 2 = \mathbf{1053} \neq 1051$$

$$1053 \div 2 = 526.5$$

$$526.5 \div 2 = 263.25$$

$$263.25 \div 2 = 131.625$$

S19. Ans.(a)

Sol. The pattern of number series -

$$71 + 19 = 90$$

$$90 + 38 = 128$$

$$128 + 57 = 185$$

$$185 + 76 = 261$$

$$261 + 95 = \mathbf{356}$$

S20. Ans.(c)

Sol. The pattern of number series -

$$8 \times 2 - 2 = 14$$

$$14 \times 3 + 3 = 45$$

$$45 \times 2 - 2 = \mathbf{88}$$

$$88 \times 3 + 3 = 267$$

$$267 \times 2 - 2 = 532$$

S21. Ans.(a)

Sol. The pattern of number series -

$$\times 2, \times 4, \times 6, \times 8, \times 10, \dots$$

Hence there should be 69120 in place of 691020

S22. Ans.(b)

Sol. Wrong number = 2

Pattern of series -

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

$$3 \times 2 + 4 = 10$$

$$10 \times 3 + 6 = 36$$

$$36 \times 4 + 8 = 152$$

$$152 \times 5 + 10 = 770$$

$$770 \times 6 + 12 = 4632$$

S23. Ans.(c)

Sol. Wrong number = 4421

Patter of series –

Addition or subtraction of consecutive prime numbers

$$4418 + 2 = 4420$$

$$4420 - 3 = 4417$$

$$4417 + 5 = 4422$$

$$4422 - 7 = 4415$$

$$4415 + 11 = 4426$$

$$4426 - 13 = 4413$$

S24. Ans.(c)

Sol. Wrong number = 560

Patter of series –

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

$$3 \times 2 + 2 = 8$$

$$8 \times 3 + 3 = 27$$

$$27 \times 4 + 4 = 112$$

$$112 \times 5 + 5 = 565$$

$$565 \times 6 + 6 = 3396$$

S25. Ans.(d)

Sol. Wrong number = 294

Patter of series –

$$108 + 8^2 = 172$$

$$172 + 7^2 = 221$$

$$221 + 6^2 = 257$$

$$257 + 5^2 = 282$$

$$282 + 4^2 = 298$$

$$298 + 3^2 = 307$$

S26. Ans.(c)

Sol. Wrong number = 550

Patter of series –

$$451 + 51 = 502$$

$$502 - 102 = 400$$

$$400 + 153 = 553$$

$$553 - 204 = 349$$

$$349 + 255 = 604$$

$$604 - 306 = 298$$

S27. Ans.(b)

Sol. Pattern of series -

$$80 + (12^2 \div 2) = 152$$

$$152 + (10^2 \div 2) = 202$$

$$202 + (8^2 \div 2) = 234$$

$$234 + (6^2 \div 2) = 252$$

$$252 + (4^2 \div 2) = 260$$

S28. Ans.(c)

Sol. Pattern of series -

$$216 \div 3 + 3 = 75$$

$$75 \div 2 + 3 = 40.5$$

$$40.5 \div 3 + 3 = 16.5$$

$$16.5 \div 2 + 3 = 11.25$$

$$11.25 \div 3 + 3 = 6.75$$

S29. Ans.(b)

Sol. Pattern of series -

$$102 + (3 \times 2) = 108$$

$$108 - (3 \times 4) = 96$$

$$96 + (3 \times 6) = 114$$

$$114 - (3 \times 8) = 90$$

$$90 + (3 \times 10) = 120$$

S30. Ans.(d)

Sol. Pattern of series -

$$36 + 14 \times 1 = 50$$

$$50 - 14 \times 2 = 22$$

$$22 + 14 \times 3 = 64$$

$$64 - 14 \times 4 = 8$$

$$8 + 14 \times 5 = 78$$

$$78 - 14 \times 6 = -6$$

S31. Ans.(d)

Sol. Pattern of series -

$$500 - 1^3 = 499$$

$$499 + 2^3 = 507$$

$$507 - 3^3 = 480$$

$$480 + 4^3 = 544$$

$$544 - 5^3 = 419$$

$$419 + 6^3 = 635$$

