

Expected Missing Number Series Questions PDF for Bank PO/ Clerk Prelims Exam

Directions (Q. 1 - 50): What value should come at the place of question mark in the following number series?

1) 11, 19, 65, 259, 1161, ?

- a) 3081
- b) 6021
- c) 4421
- d) 5041
- e) None of these

2) 8, 50, 295, ? , 5881, 17641

- a) 1251
- b) 1471
- c) 1081
- d) 1391
- e) None of these

3) 10, 15, 35, 82.5, ? , 562.5

- a) 215
- b) 210
- c) 205
- d) 220
- e) None of these

4) 1000, 501, 170, 47.5, ?

- a) 14.5
- b) 15
- c) 16
- d) 16.5
- e) None of these

5) 10, 11, 19, 46, ?, 235

- a) 200
- b) 110
- c) 105
- d) 64
- e) None of these

6) 1290, 645, 430, ? , 258, 215

- a) 322.5
- b) 356
- c) 334

d) 342.5

e) 308

7) 218, 270, 333, 409, 500, ?

- a) 712
- b) 686
- c) 730
- d) 608
- e) 654

8) 52, 274, 404, 472, 502, ?

- a) 536
- b) 512
- c) 554
- d) 580
- e) 608

9) 11, 22, 66, ? , 2310, 25410

- a) 360
- b) 420
- c) 330
- d) 450
- e) 480

10) 126, 64, 72, 171, ? , 6109

- a) 652
- b) 576
- c) 924
- d) 1032
- e) 748

11) 1386, 1386, 693, 231, 57.75, ?

- a) 18.25
- b) 11.55
- c) 24.65
- d) 15.45
- e) 27.35

12) 355, 382, 318, 443, ? , 570

- a) 278
- b) 312
- c) 356

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d) 227

e) 334

13) 56, 28, 42, 105, ? , 1653.75

a) 367.5

b) 255.5

c) 412.25

d) 433.75

e) 289.25

14) 12, 25, 84, 361, ? , 11205

a) 1568

b) 1672

c) 1854

d) 1744

e) 2056

15) 150, 934, 258, 834, 350, ?

a) 734

b) 750

c) 776

d) 712

e) 728

16) 112, 168, 226, 290, 366, ?

a) 546

b) 438

c) 570

d) 462

e) 524

17) 789, 823, 861, 907, 969, 1063, ?

a) 1195

b) 1277

c) 1221

d) 1313

e) 1354

18) 75000, 3000, 150, ? , 1, 0.2

a) 15

b) 10

c) 20

d) 25

e) 30

19) 672, 348, 184, 100, 56, ?

a) 28

b) 36

c) 32

d) 44

e) 16

20) 273, ?, 281, 293, 313, 343

a) 275

b) 278

c) 344

d) 284

e) 295

21) 8748, 2916, 972, 324, ? , 36

a) 184

b) 206

c) 108

d) 142

e) 120

22) 72, 37, 38, 58, 117, 293.5, ?

a) 905.75

b) 827.5

c) 662.25

d) 881.5

e) 775

23) 582, 700, 827, 979, ? , 1462

a) 1218

b) 1154

c) 1180

d) 1236

e) 1092

24) 340, 2040, 408, 1632, 544, ?

a) 1430

b) 1172

c) 1328

d) 1088

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e) 1254

25) 456, 228, 228, 456, 1824, ?

- a) 14592
- b) 9256
- c) 12278
- d) 13714
- e) 10422

26) 17, 20, 46, 147, 600, ?

- a) 2740
- b) 2575
- c) 3015
- d) 3260
- e) 3420

27) 675, 674, 336, 111, 26.75, ?

- a) 12.55
- b) 4.35
- c) 7.45
- d) 5.25
- e) 10.65

28) 208, 104, 156, 390, ? , 6142.5

- a) 1450
- b) 2175
- c) 1365
- d) 2890
- e) 3345

29) 45, 48, 102, 315, 1272, ?

- a) 5125
- b) 5530
- c) 6145
- d) 6375
- e) 4560

30) 42, 57, 75, 99, 132, ?

- a) 181
- b) 174
- c) 177
- d) 149

e) 153

31) 2486, 2365, 2806, 1845, 3526, ?

- a) 925
- b) 845
- c) 1025
- d) 625
- e) 125

32) 36, 39, 51, ? , 126, 201

- a) 72
- b) 87
- c) 95
- d) 102
- e) 78

33) 11, 13, 55, 195, ? , 6017

- a) 895
- b) 1011
- c) 942
- d) 737
- e) 698

34) 78, 56, 84, 62, ? , 68

- a) 98
- b) 90
- c) 92
- d) 94
- e) 96

35) 1156, 1159, 1171, 1198, 1246, ?

- a) 1378
- b) 1356
- c) 1321
- d) 1392
- e) 1415

36) 12, 16, 41, 139, 581, ?

- a) 2941
- b) 1853
- c) 1527
- d) 2675

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e) 3155

37) 745, 823, 905, 995, 1097, ?

- a) 1215
- b) 1372
- c) 1348
- d) 1483
- e) 1289

38) 113, 56, 57, 84, 170, ?

- a) 325.5
- b) 387
- c) 422.5
- d) 516
- e) 458.5

39) 1172, 1177, 1202, 1327, ?

- a) 1564
- b) 1952
- c) 2348
- d) 2696
- e) None of these

40) 288, 156, 88, 52, 32, ?

- a) 36
- b) 32
- c) 24
- d) 28
- e) 20

41) 8, 128, 648, ? , 5000, 10368

- a) 2048
- b) 2356
- c) 3574
- d) 3680
- e) 1752

42) 32, 545, 887, 1104, 1228, ? , 1319

- a) 1254
- b) 1305
- c) 1293
- d) 1278

e) 1236

43) 154, 151, 146, 137, 120, ?

- a) 76
- b) 65
- c) 94
- d) 87
- e) 102

44) 8, 28, 80, 244, 728, ?

- a) 3256
- b) 3780
- c) 4224
- d) 4735
- e) 2188

45) 8, 10, 24, 78, 320, ? , 9672

- a) 1230
- b) 2780
- c) 1610
- d) 3520
- e) 3890

46) 2500, 500, 200, 160, 256, ?

- a) 819.2
- b) 924.4
- c) 728.6
- d) 633
- e) 1025

47) 156, 162, 174, 192, ? , 246

- a) 232
- b) 224
- c) 208
- d) 216
- e) 238

48) 224, 113, 121, 269, 1140, ?

- a) 9245
- b) 8170
- c) 7265
- d) 9540

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e) 8360

49) 52, 100, 150, 203, 261, 326, ?

- a) 510
- b) 625
- c) 402
- d) 374
- e) 458

50) 118, 328, 664, 1168, ?

- a) 1956
- b) 2012
- c) 1888
- d) 2374
- e) 3247

Answers:

1) Answer: b)

$$11 \times 1 + 2^3 = 19$$

$$19 \times 2 + 3^3 = 65$$

$$65 \times 3 + 4^3 = 259$$

$$259 \times 4 + 5^3 = 1161$$

$$1161 \times 5 + 6^3 = 6021$$

2) Answer: b)

$$8 \times 7 - 6 = 50$$

$$50 \times 6 - 5 = 295$$

$$295 \times 5 - 4 = 1471$$

$$1471 \times 4 - 3 = 5881$$

$$5881 \times 3 - 2 = 17641$$

3) Answer: c)

$$10 \times 0.5 + 10 = 15$$

$$15 \times 1 + 20 = 35$$

$$35 \times 1.5 + 30 = 82.5$$

$$82.5 \times 2 + 40 = 205$$

$$205 \times 2.5 + 50 = 562.5$$

4) Answer: d)

$$1000 \div 2 + 1 = 501$$

$$501 \div 3 + 3 = 170$$

$$170 \div 4 + 5 = 47.5$$

$$47.5 \div 5 + 7 = 16.5$$

5) Answer: b)

$$10 + 1^3 = 11$$

$$11 + 2^3 = 19$$

$$19 + 3^3 = 46$$

$$46 + 4^3 = \mathbf{110}$$

$$110 + 5^3 = 235$$

6) Answer: a)

$$1290 * (1/2) = 645$$

$$645 * (2/3) = 430$$

$$430 * (3/4) = \mathbf{322.5}$$

$$322.5 * (4/5) = 258$$

$$258 * (5/6) = 215$$

7) Answer: d)

218,	270,	333,	409,	500,	608
52	63	76	91	108	
	11	13	15	17	

The difference of difference is, 11, 13, 15, 17,...

8) Answer: b)

$$52 + 6^3 + 6 = 274$$

$$274 + 5^3 + 5 = 404$$

$$404 + 4^3 + 4 = 472$$

$$472 + 3^3 + 3 = 502$$

$$502 + 2^3 + 2 = \mathbf{512}$$

9) Answer: c)

$$11 * 2 = 22$$

$$22 * 3 = 66$$

$$66 * 5 = \mathbf{330}$$

$$330 * 7 = 2310$$

$$2310 * 11 = 25410$$

10) Answer: e)

$$126 * 0.5 + 1^3 = 64$$

$$64 * 1 + 2^3 = 72$$

$$72 * 2 + 3^3 = 171$$

$$171 * 4 + 4^3 = \mathbf{748}$$

$$748 * 8 + 5^3 = 6109$$

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11) Answer: b)

$$1386 \div 1 = 1386$$

$$1386 \div 2 = 693$$

$$693 \div 3 = 231$$

$$231 \div 4 = 57.75$$

$$57.75 \div 5 = \mathbf{11.55}$$

12) Answer: d)

355,	382,	318,	443,	227,	570
27	64	125	216	343	
(+3 ³)	(-4 ³)	(+5 ³)	(-6 ³)	(+7 ³)	

The difference is, +3³, -4³, +5³, -6³, +7³,.....

The answer is, 227

13) Answer: a)

$$56 * \frac{1}{2} = 28$$

$$28 * \frac{3}{2} = 42$$

$$42 * \frac{5}{2} = 105$$

$$105 * \frac{7}{2} = \mathbf{367.5}$$

$$367.5 * \frac{9}{2} = 1653.75$$

The answer is, 367.5

14) Answer: c)

$$12 * 2 + 1^2 = 25$$

$$25 * 3 + 3^2 = 84$$

$$84 * 4 + 5^2 = 361$$

$$361 * 5 + 7^2 = \mathbf{1854}$$

$$1854 * 6 + 9^2 = 11205$$

The answer is, 1854

15) Answer: b)

$$150 + 28^2 = 934$$

$$934 - 26^2 = 258$$

$$258 + 24^2 = 834$$

$$834 - 22^2 = 350$$

$$350 + 20^2 = 750$$

The answer is, 750

16) Answer: d)

112,	168,	226,	290,	366	462
56	58	64	76	96	
2	6	12	20		
(1 ² + 1)	(2 ² + 2)	(3 ² + 3)	(4 ² + 4)		

The difference of difference is, 1² + 1, 2² + 2, 3² + 3, 4² + 4,....

(Or)

The difference of difference is, (1*2), (2*3), (3*4), (4*5),.....

The answer is, 462

17) Answer: c)

789,	823,	861,	907,	969,	1063,	1221
34	38	46	62	94	158	
4	8	16	32	64		

The difference of difference is, *2

The answer is, 1221

18) Answer: b)

$$75000 \div 25 = 3000$$

$$3000 \div 20 = 150$$

$$150 \div 15 = \mathbf{10}$$

$$10 \div 10 = 1$$

$$1 \div 5 = 0.2$$

The answer is, 10

19) Answer: c)

$$672 \div 2 + 12 = 348$$

$$348 \div 2 + 10 = 184$$

$$184 \div 2 + 8 = 100$$

$$100 \div 2 + 6 = 56$$

$$56 \div 2 + 4 = \mathbf{32}$$

The answer is, 32

20) Answer: a)

273	275	281	293	313	343
2	6	12	20	30	
4	6	8	10		

21) Answer: c)

$$8748 \div 3 = 2916$$

$$2916 \div 3 = 972$$

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$$972 \div 3 = 324$$

$$324 \div 3 = 108$$

$$108 \div 3 = 36$$

The answer is, 108

22) Answer: d)

$$72 * 0.5 + 1 = 37$$

$$37 * 1 + 1 = 38$$

$$38 * 1.5 + 1 = 58$$

$$58 * 2 + 1 = 117$$

$$117 * 2.5 + 1 = 293.5$$

$$293.5 * 3 + 1 = 881.5$$

The answer is, 881.5

23) Answer: c)

582,	700,	827,	979,	1180,	1462,
118	127	152	201	282	
9	25	49	81		
3 ²	5 ²	7 ²	9 ²		

The difference of difference is, 3², 5², 7², 9²,.....

The answer is, 1180

24) Answer: d)

$$340 * 6 = 2040$$

$$2040 \div 5 = 408$$

$$408 * 4 = 1632$$

$$1632 \div 3 = 544$$

$$544 * 2 = 1088$$

The answer is, 1088

25) Answer: a)

$$456 * \frac{1}{2} = 228$$

$$228 * 1 = 228$$

$$228 * 2 = 456$$

$$456 * 4 = 1824$$

$$1824 * 8 = 14952$$

The answer is, 14952

26) Answer: c)

$$17 * 1 + 3 = 20$$

$$20 * 2 + 6 = 46$$

$$46 * 3 + 9 = 147$$

$$147 * 4 + 12 = 600$$

$$600 * 5 + 15 = 3015$$

The pattern is, *1 + 3, *2 + 6, *3 + 9, *4 + 12, *5 + 15,...

The answer is, 3015

27) Answer: b)

$$(675 - 1)/1 = 674$$

$$(674 - 2)/2 = 336$$

$$(336 - 3)/3 = 111$$

$$(111 - 4)/4 = 26.75$$

$$(26.75 - 5)/5 = 4.35$$

The answer is, 4.35

28) Answer: c)

$$208 * 0.5 = 104$$

$$104 * 1.5 = 156$$

$$156 * 2.5 = 390$$

$$390 * 3.5 = 1365$$

$$1365 * 4.5 = 6142.5$$

The answer is, 1365

29) Answer: d)

$$45 * 1 + 3 = 48$$

$$48 * 2 + 6 = 106$$

$$102 * 3 + 9 = 315$$

$$315 * 4 + 12 = 1272$$

$$1272 * 5 + 15 = 6375$$

The answer is, 6375

30) Answer: c)

42	57	75	99	132	177
	15	18	24	33	45
		3	6	9	12

The difference of difference in the above series is 3, 6, 9, 12, 15,....

The answer is 177

31) Answer: a)

$$2486 - 121 = 2365$$

$$2365 + 441 = 2806$$

$$2806 - 961 = 1845$$

$$1845 + 1681 = 3526$$

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$$3526 - 2601 = 925$$

The difference is, $- 11^2, + 21^2, - 31^2, + 41^2, - 51^2, \dots$

The answer is 925

32) Answer: e)

$$36 + (1 * 3) = 39$$

$$39 + (2 * 6) = 51$$

$$51 + (3 * 9) = \mathbf{78}$$

$$78 + (4 * 12) = 126$$

$$126 + (5 * 15) = 201$$

The answer is, 78

(Or)

36	39	51	78	126	201
3	12	27	48	75	
$1^2 * 3$	$2^2 * 3$	$3^2 * 3$	$4^2 * 3$	$5^2 * 3$	

The difference is, $1^2 \times 3, 2^2 \times 3, 3^2 \times 3, 4^2 \times 3, 5^2 \times 3, \dots$

The answer is, 78

33) Answer: b)

$$11 * 2 - 3^2 = 13$$

$$13 * 3 + 4^2 = 55$$

$$55 * 4 - 5^2 = 195$$

$$195 * 5 + 6^2 = \mathbf{1011}$$

$$1011 * 6 - 7^2 = 6017$$

The pattern is, $*2 - 3^2, *3 + 4^2, *4 - 5^2, *5 + 6^2, *6 - 7^2, \dots$

The answer is, 1011

34) Answer: b)

$$78 - 22 = 56$$

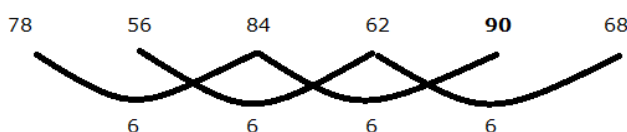
$$56 + 28 = 84$$

$$84 - 22 = 62$$

$$62 + 28 = \mathbf{90}$$

$$90 - 22 = 68$$

(Or)



The alternative difference is, + 6

35) Answer: c)

$$1156 + (1 * 3) = 1159$$

$$1159 + (2 * 6) = 1171$$

$$1171 + (3 * 9) = 1198$$

$$1198 + (4 * 12) = 1246$$

$$1246 + (5 * 15) = \mathbf{1321}$$

(Or)

1156	1159	1171	1198	1246	1321
3	12	27	48	75	
	9	15	21	27	
	6	6	6		

The difference of difference is, 6, 6, 6, 6, ...

36) Answer: a)

$$12 * 1 + 2^2 = 16$$

$$16 * 2 + 3^2 = 41$$

$$41 * 3 + 4^2 = 139$$

$$139 * 4 + 5^2 = 581$$

$$581 * 5 + 6^2 = \mathbf{2941}$$

The answer is, 2941

37) Answer: a)

745,	823,	905,	995,	1097,	1215
78	82	90	102	118	
	4	8	12	16	

The difference of difference is, 4, 8, 12, 16, ...

The answer is, 1215

38) Answer: c)

$$113 * 0.5 - 0.5 = 56$$

$$56 * 1 + 1 = 57$$

$$57 * 1.5 - 1.5 = 84$$

$$84 * 2 + 2 = 170$$

$$170 * 2.5 - 2.5 = \mathbf{422.5}$$

The answer is, 422.5

39) Answer: b)

$$1172 + 5^1 = 1177$$

$$1177 + 5^2 = 1202$$

$$1202 + 5^3 = 1327$$

$$1327 + 5^4 = \mathbf{1952}$$

The answer is, 1952

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40) Answer: e)

$$288 \div 2 + 12 = 156$$

$$156 \div 2 + 10 = 88$$

$$88 \div 2 + 8 = 52$$

$$52 \div 2 + 6 = 32$$

$$32 \div 2 + 4 = \mathbf{20}$$

The answer is, 20

41) Answer: a)

$$1 * 2^3 = 8,$$

$$2 * 4^3 = 128,$$

$$3 * 6^3 = 648,$$

$$4 * 8^3 = \mathbf{2048},$$

$$5 * 10^3 = 5000,$$

$$6 * 12^3 = 10368$$

The answer is, 2048

42) Answer: c)

32, 545, 887, 1104, 1228, **1293**, 1319
513 342 217 124 65 26

The difference is, (8^3+1) , (7^3-1) , (6^3+1) , (5^3-1) , (4^3+1) ,...

The answer is, 1293

43) Answer: d)

$$154 - (2^1 + 1) = 151$$

$$151 - (2^2 + 1) = 146$$

$$146 - (2^3 + 1) = 137$$

$$137 - (2^4 + 1) = 120$$

$$120 - (2^5 + 1) = \mathbf{87}$$

The answer is, 87

44) Answer: e)

$$8 * 3 + 4 = 28$$

$$28 * 3 - 4 = 80$$

$$80 * 3 + 4 = 244$$

$$244 * 3 - 4 = 728$$

$$728 * 3 + 4 = \mathbf{2188}$$

The answer is, 2188

45) Answer: c)

$$8 * 1 + 2 = 10$$

$$10 * 2 + 4 = 24$$

$$24 * 3 + 6 = 78$$

$$78 * 4 + 8 = 320$$

$$320 * 5 + 10 = \mathbf{1610}$$

$$1610 * 6 + 12 = 9672$$

The answer is, 1610

46) Answer: a)

$$2500 * 1/5 = 500$$

$$500 * 2/5 = 200$$

$$200 * 4/5 = 160$$

$$160 * 8/5 = 256$$

$$256 * 16/5 = \mathbf{819.2}$$

The answer is, 819.2

47) Answer: d)

$$156 + (1 * 6) = 162$$

$$162 + (2 * 6) = 174$$

$$174 + (3 * 6) = 192$$

$$192 + (4 * 6) = \mathbf{216}$$

$$216 + (5 * 6) = 246$$

The answer is, 216

48) Answer: a)

$$224 * 0.5 + 1^3 = 113$$

$$113 * 1 + 2^3 = 121$$

$$121 * 2 + 3^3 = 269$$

$$269 * 4 + 4^3 = 1140$$

$$1140 * 8 + 5^3 = \mathbf{9245}$$

49) Answer: c)

52, 100, 150, 203, 261, 326, 402
48 50 53 58 65 76
2 3 5 7 11

The difference of difference is, prime numbers starts with 2 (ie., 2, 3, 5, 7, 11,..)

The answer is, 402



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50) Answer: c)

$$118 + 6^3 - 6 = 328$$

$$328 + 7^3 - 7 = 664$$

$$664 + 8^3 - 8 = 1168$$

$$1168 + 9^3 - 9 = 1888$$

The answer is, 1888



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