

PATWARI-PPSC 2020

REASONING

1

SERIES

**FOR:PPSC-PATWARI
KANUNGO-PSEB**

**ONLINE MOCK TEST:
WWW.GILLZMENTORTEST.COM**

[JOIN ONLINE TEST SERIES](http://WWW.GILLZMENTORTEST.COM)

PUNJAB PATWARI 2020

Top 50 Number Series

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

21, 44, 129, 520, 2595, ?

A. 15476

B. 15576

C. 15376

D. 15276

E. 15176

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

51, 61, 84, ?, 165, 221

A. 119

B. 115

C. 125

D. 128

E. None of these

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

2, 0, -2, -8, -40, ?

- A. -320
- B. -105
- C. -336
- D. -170
- E. -190

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

9, 13, 4, 20, ?, 31

- A. 5
- B. -5
- C. 25
- D. -21
- E. None of these

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

15, 26, 48, ?, 180, 356

- A. 95
- B. 78
- C. 65
- D. 92
- E. None of these

6. Directions: What will come in place of the question marks (?) in the following Number series?

2, 2, 4, 12, 48, (?)

- A. 240
- B. 220
- C. 228
- D. 290
- E. None of these

7. Directions: In each of these questions a number series is given. In each series only one number is wrong. Find out that number.

7999, 9260, 10648, 12166, 13823, 15624, 17575

- A. 9260
- B. 10648
- C. 17575
- D. 12166
- E. 13823

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

8 27 64 125 (?) 343

- A. 27
- B. 216

- C. 125
- D. 343
- E. None of these

9. Directions: What will come in place of the question marks (?) in the following Number series?

8, 14, 26, 44, 68 (?)

- A. 94
- B. 102
- C. 96
- D. 98
- E. None of these

10. Directions: what will come in place of the question mark (?) in the following number series?

9, 21, 45, 81, 129, (?)

- A. 187
- B. 199
- C. 177
- D. 189
- E. None of these

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

326.34375, 219.0625, 90.125, 29.25, 11, ?

- A. 9
- B. 8

C. 5.5

D. 7.5

E. 6.5

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

3, 5, 17, 53, 133, ?

A. 235

B. 283

C. 385

D. 350

E. 320

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

20, 32, 30, ?, 105, 360, 577.5

A. 85

B. 90

C. 80

D. 75

E. 70

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

30, 68, ?, 222, 350

A. 110

B. 140

C. 125

D. 130

E. 120

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

19, 29, 47, 77, 125, ?

A. 235

B. 283

C. 200

D. 220

E. 225

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

28, 29, 56, 171, 680, ?

A. 4015

B. 3225

C. 3415

D. 3390

E. 3405

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

5, 5, 15, 75, ?, 4725, 51975

A. 520

- B. 450
- C. 525
- D. 300
- E. None of these

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

4000, 2008, 1012, ?, 265, 140.5, 78.25

- A. 506
- B. 514
- C. 520
- D. 512
- E. None of these

19. Directions: What will come in place of the question mark (?) in the following number series?

5, 21, 47, 91, (?), 265, 411

- A. 161
- B. 151
- C. 160
- D. 169
- E. None of these

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

4, 9, 19, ? , 79, 159, 319

- A. 59

- B. 39
- C. 49
- D. 29
- E. None of these

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

62, 22, ?, 13, 14, 8.5, 6

- A. 20
- B. 25
- C. 26
- D. 30
- E. 42

22. Directions : What will come in place of the question marks (?) in the following Number series?

1, 2, 6, 21, 88, (?)

- A. 360
- B. 420
- C. 340
- D. 445
- E. None of these

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

18, 27, 49, 84, 132, (?)

- A. 190
- B. 183
- C. 180
- D. 193
- E. None of these

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

7, 24, 38, 86, 162, ?

- A. 259
- B. 269
- C. 324
- D. 334
- E. 314

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

3, 5, 13, 43, 177, ?

- A. 723
- B. 645
- C. 930
- D. 891
- E. 650

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

26, 38, ?, 68, 86

- A. 42
- B. 49
- C. 52
- D. 55
- E. None of these

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

655, 439, 314, 250, 223, (?)

- A. 205
- B. 210
- C. 195
- D. 190
- E. None of these

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

2197, 2744, 3375, 4096, 4913, ?

- A. 5832
- B. 5459
- C. 5842
- D. 5852
- E. 5624

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

307 296 274 241 197 142 ?

- A. 87
- B. 65
- C. 54
- D. 76
- E. None of these

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

237, 246, 371, 420, 1149, (?)

- A. 1259
- B. 1269
- C. 1250
- D. 1260
- E. None of these

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

960 839 758 709 ? 675

- A. 698
- B. 694
- C. 684
- D. 648
- E. 680

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

4, 6, 12, ?, 90, 315

- A. 25
- B. 27
- C. 30
- D. 45
- E. None of these

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

3, 5, 13, 43, 177, ?, 5353

- A. 891
- B. 713
- C. 885
- D. 899
- E. None of these

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

17, 22, 32, 47, 67, 92, ?

- A. 112
- B. 132
- C. 111
- D. 122
- E. None of these

35. Direction: In the following number series, a wrong

number is given. Find out that wrong number.

48, 24, 24, 36, 72, 180, 540

- A. 24
- B. 28
- C. 36
- D. 72
- E. 180

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

36, 37, 46, 71, ?, 201, 322

- A. 120
- B. 107
- C. 135
- D. 96
- E. None of these

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

14, 70, 77, ?, 392, 1960

- A. 230
- B. 315
- C. 385
- D. 370
- E. 290

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

311 300 278 245 201 146 ?

- A. 70
- B. 90
- C. 80
- D. 110
- E. None of these

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

2, 6, 12, 20, 30, 42, ?

- A. 50
- B. 56
- C. 63
- D. 75
- E. 80

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

9, 40, 156, 465, ?

- A. 928
- B. 956
- C. 565
- D. 1120
- E. 1128

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

43 69 58 84 73 (?)

- A. 62
- B. 98
- C. 109
- D. 63
- E. None of these

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

7 12 22 37 57 ?

- A. 80
- B. 82
- C. 88
- D. 92
- E. None of these

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

16, 37, 75, 140, ?, 416

- A. 240
- B. 247
- C. 250
- D. 230

E. 220

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

15 19 83 119 631 (?)

A. 731

B. 693

C. 712

D. 683

E. None of these

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

600, 519, ?, 406, 370, 345, 329

- A. 435
- B. 455
- C. 425
- D. 445
- E. None of these

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

27, 38, 71, 126, 203, ?

- A. 212
- B. 202
- C. 301
- D. 312
- E. None of these

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

16, 24, ?, 210, 945, 5197.5, 33783.75

- A. 40
- B. 36
- C. 58

D. 60

PUNJAB PATWARI 2020

JOIN ONLINE TEST SERIES

BEST E-LEARNING PLATFORM

MISSION 2020-21

JOIN US FOR FREE COACHING

WWW.GILZMENTORTEST.COM

E. None of these

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

40280625, 732375, 16275, 465, 18.6, 1.24, ?

A. 0.248

B. 0.336

C. 0.424

D. 0.512

E. 0.639

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

2, 10, 42, 170, ?, 2730, 10922

A. 588

B. 658

C. 596

D. 682

E. None of these

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

1200 480 192 76.8 30.72 12.288 ?

A. 4.9152

B. 5.8192

C. 6.7112

PUNJAB PATWARI 2020

JOIN ONLINE TEST SERIES

BEST E-LEARNING PLATFORM

MISSION 2020-21

JOIN US FOR FREE COACHING

WWW.GILZMENTORTEST.COM

D. 7.6132

E. 8.5172



JOIN ONLINE TEST SERIES

Solutions:

1. Ans. B.

$$21 * 2 + 2 = 44$$

$$44 * 3 + 3 = 129$$

$$129 * 4 + 4 = 520$$

$$520 * 5 + 5 = 2592$$

$$2592 * 6 + 6 = 15576$$

2. Ans. A.

$$51 + 10 = 61 \quad (10 - 23 = 13)$$

$$61 + 23 = 84 \quad (23 - 35 = 12)$$

$$84 + 35 = 119 \quad (35 - 46 = 11)$$

$$119 + 46 = 165 \quad (46 - 56 = 10)$$

$$165 + 56 = 221$$

3. Ans. C.

*5-1

PUNJAB PATWARI 2020

JOIN ONLINE TEST SERIES

BEST E-LEARNING PLATFORM

MISSION 2020-21

JOIN US FOR FREE COACHING

WWW.GILZMENTORTEST.COM

*1-2

*2-4

*4-8

*8-16

4. Ans. B.

Hence option B is the right answer.

$$9+4=13$$

$$13-9=4$$

$$4+16=20$$

$$20-25=-5$$

$$-5+36=31$$

5. Ans. D.

$$15+11=26$$

$$26+22=48$$

$$48+44=92$$

$$92+88=180$$

$$180+176=356$$

6. Ans. A.

The pattern is *1, *2, *3, *4

So the missing term is =
 $48 * 5 = 240.$

7. Ans. B.

The series is

- 1,
- 1,
- 1,
- 1,
- 1,
- 1,
- 1

8. Ans. B.

- = 8
- = 27
- = 6
- = 12
- = 21
- = 343

9. Ans. D.

PUNJAB PATWARI 2020

JOIN ONLINE TEST SERIES

BEST E-LEARNING PLATFORM

MISSION 2020-21

JOIN US FOR FREE COACHING

WWW.GILZMENTORTEST.COM

The pattern is + 6, + 12, + 18, +24

So the missing term is = $68 + 30 = 98$

10. Ans. D.

The given series is

$+(12 \times 1), +(12 \times 2), +(12 \times 3), +(12 \times 4), +(12 \times 5), \dots$

11. Ans. D.

/1.5+1.5

/2.5+2.5

/3.5+3.5

/4.5+4.5

/5.5+5.5

12. Ans. B.

+2, +12, +36, +80, +150

13. Ans. C.

$20 * 1.5 = 30$

$32 * 2.5 = 80$

$30 * 3.5 = 105$

$80 * 4.5 = 360$

$$105 * 5.5 = 577.5$$

Hence option C is the right answer.

14. Ans. D.

$$(+3) = 30$$

$$(+4) = 68$$

$$(+5) = 130$$

$$(+6) = 222$$

$$(+7) = 350$$

15. Ans. C.

Difference of difference = 1.5

16. Ans. E.

$$28 * 1 + 1 = 29$$

$$29 * 2 - 2 = 56$$

$$56 * 3 + 3 = 171$$

$$171 * 4 - 4 = 680$$

$$680 * 5 + 5 = 3405$$

17. Ans. C.

5, 5, 15, 75, 525, 4725, 51975

$$\times 1 \times 3 \times 5 \times 7 \times 9 \times 11$$

Here, the given series is ($\times 1, \times 3, \times 5, \times 7, \times 9, \times 11$)

Hence, option (C) is correct.

18. Ans. B.

Here, the series is ($\div 2, + 8$).

Therefore,

$$4000, 2008, 1012, ?, 265, 140.5, 78.25$$

$$4000 \div 2 = 2000 + 8 = 2008$$

$$2008 \div 2 = 1004 + 8 = 1012$$

$$1012 \div 2 = 506 + 8 = 514$$

$$514 \div 2 = 257 + 8 = 265$$

$$265 \div 2 = 132.5 + 8 = 140.5$$

$$140.5 \div 2 = 70.25 + 8 = 78.25$$

Hence, option (B) is correct.

19. Ans. A.

The pattern of given series is:

$$\rightarrow 5,$$

$$\rightarrow 21 = 5 + 2 \times 2 + 1,$$

$$\rightarrow 47 = 21 + 4 \times 4 + 10,$$

$$\rightarrow 91 = 47 + 6 \times 6 + 8,$$

$$\rightarrow ? = 91 + 8*8 + 6,$$

$$\rightarrow ? = 161$$

$$\rightarrow 265 = 161 + 10*10 + 4,$$

$$\rightarrow 411 = 265 + 12*12 + 2$$

Thus, the missing number is 161

20. Ans. B.

Thus, 4 , 9, 19, 39, 79 159, 319

Hence, option B is correct.

21. Ans. D.

The pattern of given series is:

$$\rightarrow 62,$$

$$\rightarrow 22,$$

$$\rightarrow ? = (62 - 2) \div 2,$$

$$\rightarrow ? = 30,$$

$$\rightarrow 13 = (22 \div 2) + 2,$$

$$\rightarrow 14 = (30 - 2) \div 2,$$

$$\rightarrow 8.5 = (13 \div 2) + 2,$$

$$\rightarrow 6 = (14 - 2) \div 2,$$

Thus, the missing number is 30

22. Ans. D.

The pattern is

$$*1+1, *2+2, *3+3, *4+4,$$

$$\text{So the missing term is} = 88*5+5= 445$$

23. Ans. D.

$$18+9=27$$

$$27-22=49$$

$$49+35=84$$

$$84+48=132$$

$$132+61=193$$

24. Ans. D.

The series is $\times 2+10, \times 2-10, \times 2+10, \times 2-10, \dots$

So required number is 334

25. Ans. D.

The pattern is :

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

$$5 \times 2 + 3 = 10 + 3 = 13$$

$$13 \times 3 + 4 = 39 + 4 = 43$$

$$43 \times 4 + 5 = 172 + 5 = 177$$

$$177 \times 5 + 6 = 885 + 6 = 891$$

26. Ans. C.

26, 38, ?, 68, 86

$$5*5 + 1 = 25 + 1 = 26$$

$$6*6 + 2 = 36 + 2 = 38$$

$$7*7 + 3 = 49 + 3 = 52$$

$$8*8 + 4 = 64 + 4 = 68$$

$$9*9 + 5 = 81 + 5 = 86$$

27. Ans. E.

28. Ans. A.

$$= 2197$$

$$= 2744$$

$$= 3375$$

$$= 4096$$

$$= 4913$$

$$= 5832$$

29. Ans. D.

The pattern of the number series is :

$$307 - 11 \times 1 = 296$$

$$296 - 11 \times 2 = 274$$

$$274 - 11 \times 3 = 241$$

$$241 - 11 \times 4 = 197$$

$$197 - 11 \times 5 = 142$$

$$142 - 11 \times 6 = 76$$

Hence Option D is correct

30. Ans. E.

237, 246, 371, 420, 1149,

(1270) +9 +125 +49 +729 +121

31. Ans. C.

960 839 758 709 ? 675

$$960 - 839 = 121 = 11^2$$

$$839 - 758 = 81 = 9^2$$

$$758 - 709 = 49 = 7^2$$

$$709 - ? = 25 = 5^2$$

$$\therefore ? = 709 - 25 = 684$$

$$684 - 675 = 9 = 3^2$$

Thus, 960 839 758 709 684 675

32. Ans. C.

4 6 12 ? 90 315

Thus, 4 6 12 30 90 315

33. Ans. A.

Pattern of the number series is

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

$$5 \times 2 + 3 = 13$$

$$13 \times 3 + 4 = 43$$

$$43 \times 4 + 5 = 177$$

$$177 \times 5 + 6 = 891$$

34. Ans. D.

The given series is

$$+ (5 \times 1),$$

$$+ (5 \times 2),$$

$$+ (5 \times 3),$$

$$+ (5 \times 4),$$

$$+ (5 \times 5),$$

$$+ (5 \times 6)$$

35. Ans. B.

$$48 \ 24 \ 28 \ 36 \ 72 \ 180 \ 540 \ 4$$

$$8 * 0.5 = 24$$

$$24 * 1 = 24$$

$$24 * 1.5 = 36$$

$$36 * 2 = 72$$

$$72 * 2.5 = 180$$

$$180 * 3 = 540 \text{ So } 28 \text{ is wrong number.}$$

36. Ans. A.

$$36 + 12 = 37$$

$$37 + 32 = 46$$

$$46 + 52 = 71$$

$$71 + 72 = 120$$

$$120 + 92 = 201$$

37. Ans. C.

The pattern of the series is:

$$14*5, 70*7, 77*5, 385*7, 392*5$$

38. Ans. C.

The given series is

$$- (11 \times 1),$$

$$- (11 \times 2)$$

$$- (11 \times 3),$$

$$- (11 \times 4),$$

$$- (11 \times 5),$$

$$- (11 \times 6)$$

39. Ans. B.

$$2 = 1 \times 2$$

$$6 = 2 \times 3$$

$$12 = 3 \times 4$$

$$20 = 4 \times 5$$

$$30 = 5 \times 6$$

$$42 = 6 \times 7$$

$$56 = 7 \times 8$$

40. Ans. A.

The pattern is as given below :

$$9 \times 5 - 5 = 45 - 5 = 40$$

$$40 \times 4 - 4 = 160 - 4 = 156$$

$$156 \times 3 - 3 = 468 - 3 = 465$$

$$465 \times 2 - 2 = 930 - 28 = 928$$

41. Ans. E.

The pattern of the number series is:

$$69 - 43 = 26$$

$$58 - 69 = -11$$

$$84 - 58 = 26$$

$$73 - 84 = -11$$

$$\Rightarrow ? = 73 + 26 = 99$$

42. Ans. B.

The numbers are added by 5, 10, 15, 20, 25, 30.....and so on

Thus $7 + 5 = 12$

$$12 + 10 = 22$$

$$22 + 15 = 37$$

$$37 + 20 = 57$$

$$57 + 25 = 82$$

43. Ans. B.

Difference of difference is

$$+10, +15, +20$$

44. Ans. A.

The pattern of the number series is:

$$19 - 15 = 4$$

$$83 - 19 = 64$$

$$119 - 83 = 36$$

$$631 - 119 = 512$$

$$\rightarrow ? = 631 + 100 = 731$$

45. Ans. B.

The pattern is:

$$600 - 92 = 519$$

$$519 - 82 = 455$$

$$455 - 72 = 406$$

$$406 - 62 = 370$$

$$370 - 52 = 345$$

$$345 - 42 = 329$$

Hence Option B is correct

46. Ans. E.

$$27 + 11 = 38$$

$$38 + 33 = 71$$

$$71 + 55 = 126$$

$$126 + 77 = 203$$

$$203 + 99 = 302$$

$$\text{So, } ? = 203 + 99 = 302$$

47. Ans. D.

$$16 * 1.5 = 24$$

$$24 * 2.5 = 60$$

$$60 * 3.5 = 210$$

$$210 * 4.5 = 945$$

$$945 * 5.5 = 5197.5$$

48. Ans. A.

$$40280625 \div 55 = 732375$$

$$732375 \div 45 = 16275$$

$$16275 \div 35 = 465$$

$$465 \div 25 = 18.6$$

$$18.6 \div 15 = 1.24$$

$$1.24 \div 5 = 0.248$$

$$\text{So, } ? = 1.24 \div 5 = 0.248$$

49. Ans. D.

The pattern is:

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

$$10 \times 4 + 2 = 42$$

$$42 \times 4 + 2 = 170$$

$$170 \times 4 + 2 = 682$$

$$682 \times 4 + 2 = 2730$$

$$2730 \times 4 + 2 = 10922$$

Hence Option D is correct

50. Ans. A.

$$1200 * 2/5,$$

$$480 * 2/5,$$

$$192 * 2/5,$$

$$76.8 * 2/5,$$

$$30.72 * 2/5,$$

$$12.288 * 2/5,$$

WWW.GILZMENTORTEST.COM