NORTHEAST PSC
Number System
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Q1.The greatest four digits number which is divisible by 15, 25, 40 and 75, is

[APSSB Forest Guard 2022]

(a) 9000

(b) 9800

(c) 9600

(d) 9400

Q2. Find the greatest number that will divide 43, 91 and 183 so as to leave the same remainder in each case.

[APSSB Forest Guard 2022]

(a) 4

(b) 7

(c) 9

(d) 13

Q3. How many of the following number are divisible by 132?

264, 396, 462, 792, 968, 2178, 5184, 6336

[APSSB Forest Guard 2022]

(a) 6

(b) 5

(c) 7

(d) 4

Q4. The least number which should be added to 2497, so that the sum is exactly divisible by 5, 6, 4 and 3 is

[APSSB Forest Guard 2022]

(a) 3

(b) 13

(c) 23

(d) 33

Q5. Given that $10^{0.48}$ =x, $10^{0.70}$ = y and x^2, then the value of z is close to

[APSSB Forest Guard 2022]

(a) 1.45

(b) 3.7

(c) 2.9

(d) 1.88

Q6. The least integer which when divided by 18, 24 and 56 leaves no remainder is

[APSSB CLDCE Driver 2022]

(a) 405

(b) 400

(c) 500

(d) 504

Q7. The least number which should be added to 2497, so that the sum is exactly divisible by 5, 6, 4 and 3 is

[APSSB CLDCE Driver 2022]

(a) 33   (b) 13

(c) 3   (d) 23

Q8. Forty thousands two hundred and four is

[APSSB CLDCE Driver 2022]

(a) 4204   (b) 42004

(c) 400204   (d) 40204

Q9. The predecessor of 10000 is

[APSSB CLDCE Driver 2022]

(a) 999   (b) 9999

(c) 99990   (d) None of these

Q10. The largest 2 digit number is

[APSSB CLDCE Driver 2022]

(a) 9   (b) 99

(c) 90   (d) 19

Q11. The smallest whole number is

[APSSB CLDCE Driver 2022]

(a) 1   (b) 0

(c) 2   (d) 10

Q12. Which of the following is a prime number?

[APSSB CLDCE Driver 2022]

(a) 97   (b) 81

(c) 93   (d) 33

Q13. One fourth of 100 is

[APSSB CLDCE Driver 2022]

(a) 40   (b) 25

(c) $\frac{1}{4}$ (d)None of these

Q14. The Value of 18960 – 17970 is

[APSSB CLDCE Driver 2022]

(a) 980   (b) 909

(c) 99   (d) 990

Q15. If L=50 and C=100, then 150 in **Roman number is**

[APSSB CLDCE Driver 2022]

(a) LC   (b) CL

(c) LLL   (d) None of these

Q16. The value of 12 x 60 =

[APSSB CLDCE Driver 2022]

(a)6000   (b)60

(c)600   (d)1250

Q17. 0 x – 10 =

[APSSB CLDCE Driver 2022]

(a) 0   (b) -10

(c) 10   (d) -100

Q18. The remainder obtained when 462895 is divided by 11 is

[APSSB CHSL 2021]

(a)6   (b)3

(c)7   (d)4

Q19. The greatest number by which the product of three consecutive multiples of 3 is always divisible is

[APSSB CHSL 2021]

(a) 54   (b) 81

(c) 162   (d) 23

Q20. The value of $\frac{7+4\sqrt{3}}{7-4\sqrt{3}} + \frac{7-4\sqrt{3}}{7+4\sqrt{3}} =$

[APSSB CHSL 2021]

(a)0   (b)197

(c)200   (d)19

Q21. The Value of$\sqrt{8}$ x $\sqrt{2}$ x $\sqrt{\frac{1}{9}}$ is

[APSSB CHSL 2021]

(a)$\frac{4}{3}$ (b)$\frac{3}{4}$

(c)$\frac{16}{9}$ (d)$\frac{2}{3}$

Q22. The value of $3\sqrt{7} + \sqrt{28} - \sqrt{63}$ is

[APSSB CHSL 2021]

(a)$\sqrt{7}$ (b)$3\sqrt{7}$

(c)$2\sqrt{7}$ (d) 0

Q23. 45 is divisible by

[APSSB MTS 2023]

(a)6   (b)5

(c)10   (d)7

Q24. The smallest number formed using the digit 5, 9, 3, 2 is

[APSSB MTS 2023]

(a)9532   (b)5932

(c)3295   (d)2359

Q25. In Roman numeral, 40 is represented as

                [APSSB MTS 2023]

(a)L   (b)XXL

(c)XXXX   (d)XL

Q26. The place value of 7 in 752364 is

                [APSSB MTS 2023]

(a)7000   (b)70000

(c)700000   (d)7

Q27. 527 rounded off to the nearest 100 is

                [APSSB MTS 2023]

(a)530   (b)550

(c)600   (d)500

Q28. 3925 + 4872 = 4872 + _____

                [APSSB MTS 2023]

(a)4872   (b)3925

(c)0   (d)8797

Q29. 6251 + 0=_____

                [APSSB MTS 2023]

(a)6250   (b)0

(c)6252   (d)6251

Q30. The number 1000 less than 10000 is

                [APSSB MTS 2023]

(a)11000   (b)9000

(c)8000   (d)1000

Q31. 39 x 1000 = _____

                [APSSB MTS 2023]

(a)390   (b)3900

(c)39000   (d)390000

Q32. 4579 x 0 = _____

                [APSSB MTS 2023]

(a)4500   (b)4579

(c)45790   (d)0

Q33. 5 ÷ 5 = _____

(a)5   (b)0

(c)1   (d)25

Q34. For 593 ÷ 10, Quotient = _____, Remainder_____.

(a)59, 0   (b)59, 1

(c)59, 2   (d)59, 3

Q33. Thirty four and three tenths is

(a)34.310   (b)3.34

(c)33.4   (d)34.3

Q34. 400 ÷4   100÷ 1.

(a)>   (b)<

(c)=   (d)≠

Q35. The first three multiples of 5 are

(a)0, 1, 5

(b)1, 5, 10

(c)0, 5, 10

(d)5, 10, 15

Q36. The first two common multiple of 4 and 3 are

(a)8, 12   (b)12, 24

(c)12, 18   (d)12, 30

Q37. The least number which is a perfect square and is divisible by each of 16, 20 and 24 is

(a)240   (b)1600

(c)2400   (d)3600

Q38. 8316 ÷ 6 x 11 – 2662 =

(a)12500   (b)12584

(c)15284   (d)None of these

Q39. The sum of a rational number and an irrational number is always

(a)Rational

(b)Irrational

(c)Either Rational or Irrational

(d)None of these

Q40. The sum of first 10 prime number is

(a)Odd   (b)Even

(c)Odd or Even   (d)Can't Say

Q41. Among the number 590, 720, 840 and 920 which is divisible by both 5 and 9?

[APSSB LDC 2020]

(a)590   (b)720

(c)840   (d)920

Q42. Which of the following number is divisible by 6?

[APSSB LDC 2021]

(a)96   (b)830

(c)790   (d)116

Q43. Write the number for twenty three lakh thirty thousands.

[APSSB LDC 2021]

(a)2330000   (b)2303000

(c)2300300   (d)233000

Q44. The predecessor of 208090 is

[APSSB LDC 2021]

(a)208091   (b)208089

(c)208000   (d)208900

Q45. The smallest odd number is

[APSSB LDC 2021]

(a)0   (b)2

(c)1   (d)3

Q46. Which is the smallest fraction among the following fraction?

[APSSB LDC 2020]

$$\frac{1}{3}, \ \frac{1}{5}, \ \frac{2}{5}, \ \frac{4}{5}$$

(a) $\frac{1}{5}$ (b) $\frac{2}{3}$

(c) $\frac{2}{5}$ (d) $\frac{4}{3}$

Q47. The smallest 6 digit number is

[APSSB LDC 2021]

(a)999999   (b)100000

(c)100001   (d)990000

Q48. The smallest 4 digit number formed using 2, 8, 7, 4 without repeating any digit is

[APSSB LDC 2021]

(a)2784   (b)2478

(c)2748   (d)8742

Q49. Value of – 15 –(-18)=

[APSSB LDC 2020]

(a)-3   (b)-33

(c)3   (d)None of these

Q50. The value of 5 (21-7) + 7 x 2 is

(a)84   (b)74

(c)28   (d)99

Q51. The value of 126 x 36 + 126 x 64 is

[APSSB LDC 2021]

(a)1260   (b)10260

(c)12600   (d)None of these

Q52. Subtracting -4 from -10, we get

[APSSB LDC 2020]

(a)6   (b)-6

(c)14   (d)-14

Q53. Greatest number among the option is

[APSSB LDC 2020]

(a)4536   (b)4892

(c)4379   (d)4899

Q54. The smallest 3 digit number which is exactly divisible by 6, 8 and 12 is

[APSSB LDC 2020]

(a)148   (b)120

(c)100   (d)102

Q55. 837 + 208 + 363 =

[APSSB LDC 2020]

(a)1308   (b)1408

(c)1407   (d)1409

Q56. Which of the following will not represent zero?

[APSSB LDC 2020]

(a)$1 + 0$ (b)0×0

(c)$\dfrac{0}{10}$ (d)$\dfrac{10-10}{5}$

Q57. The number of common factors of 4 and 18 is

[APSSB LDC 2020]

(a)1   (b)2

(c)No common factor (0)

(d)None of these

Q58. How many zeroes are there in the number one crore?

[APSSB LDC 2020]

(a)6   (b)7

(c)8   (d)9

Q59. The descending order of the number 840, 350, 789, 995 is

[APSSB LDC 2020]

(a)350, 789, 840, 995

(b)995, 840, 789, 350

(c)840, 789, 350, 995

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(d)None of these

Q60. The sum of the place value of 3 in the number 503535 is

[APSSB LDC 2021]

(a)6   (b)60

(c)3030   (d)3300

Q61. Value of $(5 + 3) \times (6 - 4)$ is

[APSSB LDC 2020]

(a)-16   (b)12

(c)16   (d)48

Q62. The greatest prime number between 1 and 10 is

[APSSB LDC 2020]

(a)9   (b)7

(c)5   (d)8

Q63. The smallest 4 digit number that can be formed using 9, 4, 3, 8 without repeating any digit is

[APSSB Jr. Estt./Draughtsman 2021]

(a)3849   (b)3489

(c)9348   (d)394

Q64. Which of the following is a rational number?

[APSSB jr. Estt./Draughtsman 2021]

(a)3   (b)$\frac{10}{7}$

(c)$\frac{-3}{4}$ (d)All of these

Q65. A rational number between $\frac{1}{4}$ and $\frac{1}{2}$ among the following is

[APSSB jr. Estt./Draughtsman 2021]

(a)$\frac{1}{5}$ (b)$\frac{1}{3}$

(c)1   (d)None of these

Q66. A rational number between $\frac{1}{4}$ and $\frac{3}{4}$ is

[APSSB CGL 2023]

(a)$\frac{1}{5}$ (b)$\frac{4}{5}$

(c)$\frac{1}{2}$ (d)None of these

Q67. The value of $(\sqrt{3} - \sqrt{5})(\sqrt{3} + \sqrt{5})$ is

[APSSB CGL 2023]

(a)-2   (b)2

(c)1   (d)-$\sqrt{2}$

Q68. The number of whole number between 9 and 17 is

[APSSB CGL 2022]

(a)Infinite   (b)8

(c)7   (d)9

Q69. The number of prime numbers between to 100 are

[APSSB CGL 2022]

(a)24   (b)26

(c)25   (d)28

Q70. Which of the following statement is not true?

[APSSB CGL 2022]

(a)Every integer is a rational number.

(b)Every integer is a real number.

(c)There can be infinite rational number between two rational number.

(d)Every rational number is a whole number.