**MATHEMATICS CLASS-6**

**DECIMALS**

1. The place value of ‘6’ in the decimal number 4608.53 is

 A) 60 B) 600 C) 6000 D) 6

Ans : B

2. In the decimal number 3527.14, 3527 is called the\_\_\_\_\_\_\_\_

 A) Integral part B) Decimal part

 C) Decimal and integral part D) None

Ans : A

3. In the decimal number 1238.654, the place value of ‘5’ is

 A) 500 B) 50 C)  D) 

Ans : D

4. The fractions in which the denominators are 10, 100, 1000 etc. are known as

 A) Decimals B) Whole numbers

 C) Decimal fractions D) None

Ans : C

5. The decimal part in 6.002 is

 A) 2 B) 0.002 C) 0.2 D) 0.02

Ans : B

6. The short form of 30 + 5 +  is

 A) 35.407 B) 34.047 C) 35.47 D) 35.74

Ans : C

7. The decimal number 648.329 in expanded form is

 A) 60 +400 + 8 + 0.3 + 0. 2 + 0.009 B) 600 + 40 + 8 + 

 C) 600 + 40 + 8 +  D) 600 + 400 + 80 + 

Ans : C

8. Nine hundred and seventy eight is

 A) 97.8 B) 0.978 C) 978 D) 9.78

Ans : C

9. 903 + 0.5 + \_\_\_\_\_\_\_= 903.506

 A) 0.06 B) 0.006 C) 0.0006 D) 0.6

Ans : B

10. “Two ones and 5 – tenths” is

 A) 25 B) 52 C) 0.25 D) 2.5

Ans : B

11. Seventeen point zero five six =

 A) 17.56 B) 175.6 C) 17.056 D) 17.0056

Ans : C

12. Place value of 8 in 63.289 and 15.892 respectively are

 A)  B)  C)  D) 

Ans : B

13. 1238.629 is called the \_\_\_\_\_\_\_ form

 A) ordinary B) short

 C) both (A) and (B) D) neither 1nor 2

Ans : C

14.  can be written respectively as

 A) 16.8, 16.89 B) 0.168, 0.01689

 C) 0.168, 0.1689 D) 0.168, 0.001689

Ans : C

15.  can be written respectively as

 A) 15.73, 6.3 B) 15.073, 6.03

 C) 15.073, 6.0003 D) 15.073, 6.00003

Ans : C

16. Point five eight nine and point two zero two three are respectively represented as

 A) 0.589, 0.2032 B) 0.589, 0.2023

 C) 0.0589, 0.2032 D) 0.00589, 0.2032

Ans : B

17. Which of the following is false?

 A) 4.06 > 4.006 B) 6.87 < 6.807 C) 0.98<1 D) 7.805<7.85

Ans : B

18. 0.23, 6.27, 5.63, 9.01 are called \_\_\_\_\_\_ decimals.

 A) complex B) unlike C) like D) Vulgar

Ans : C

19. 0.1, 0.01, 0.001 are called \_\_\_\_\_\_ decimals.

 A) complex B) unlike C) like D) vulgar

Ans : B

20. Annexing zeros to the extreme right of the decimals point of a decimal \_\_\_its value.

 A) changes B) does not change

 C) decreases D) increases

Ans : B

21. If 400 + 60 + 5 + 0.1 + 0.06 + 0.009 is simplified, then the answer is

 A) 465.619 B) 456.619 C) 465.169 D) 465.961

Ans : C

22. Which is the smallest of 18.97, 18.097, 18.079, 18.007 ?

 A) 18.97 B) 18.079 C) 18.097 D) 18.007

Ans : D

23. The largest decimal of 48.63, 48.063, 48.36, 48.603 is

 A) 48.63 B) 48.603 C) 48.063 D) 48.36

Ans : A

24. Which of the following are like decimals?

 A) 6.73, 12.08 B) 50.7, 14.09 C) 549.02,54.023 D) 49.71, 49.7

Ans : A

25. If  is expressed in decimal form, then the answer is

 A) 41.639 B) 41.66309 C) 41.6039 D) 41.006039

Ans : C

26. 0.47, 0.047, 0.0047, 0.00047 are in \_\_\_\_\_\_\_ order

 A) descending B) ascending C) irregular D) none

Ans : A

27. 0.00063, 0.0063, 0.063, 0.63 are in \_\_\_\_\_\_\_ order

 A) descending B) ascending C) irregular D) none

Ans : B

28. The decimals 2.2, 2.02, 0.22, 0.02, 0.202, 2.002 in ascending order is

 A) 0.02 < 0.202 <0.22<2.02<2.002<2.2 B) 0.02<0.202<2.02<0.22<2.002<2.2

 C) 0.02<0.202<0.22<2.002<2.02<2.2 D) 0.02<2.02<0.22<2.002<0.202<2.2

Ans : C

29. If A = 5.39, B = 5.039 and C = 5.9304 then which of the following is true?

 A) C > A B) B < A C) B < C D) all of these

Ans : D

30. If A =  , B = ,

 C =  , then the larger one is

 A) A B) B C) C D) none

Ans : B

31. The fractions  in their descending order is

 A)  B) 

 C)  D) 

Ans : A

32. If  is simplified, then the answer is

 A) 4560.898 B) 456.898 C) 45600.898 D) 4560.8098

Ans : A

33. The fractions  in ascending order is

 A)  B) 

 C)  D) 

Ans : B

34. If 13.48, 0.189, 9.7, 8.23 are converted into like decimals, then 9.7 becomes

 A) 9.7000 B) 9.700 C) 9.70 D) 9.7000

Ans : B

35. If  is expressed as nonterminating decimal, then the answer is

 A)  B)  C)  D) 

Ans : A

36. If  is expressed as terminating decimal, then the answer is

 A) 1.879 B) 1.878 C) 1.876 D) 1.875

Ans : D

37. A rational number is a number of the form  where ‘a’ and ‘b’ are\_\_, & \_

 A) whole numbers, B) intergers, b = 0

 C) whole numbers, b = 0 D) intergers,

Ans : D

38. Every rational number can be expressed as

 A) A nonterminating decimal B) a terminating decimal

 C) non terminating but repeating D) both (B) and (C)

Ans : D

39. 0.487636363.......... can be represented as

 A)  B)  C)  D) 

Ans : D

40. Non terminating repeating decimals are called \_\_\_\_\_\_\_\_\_\_ decimals.

 A) recurring B) periodic C) both 1 & 2 D) none

Ans : C

41.  in decimal form is

 A) 0.4125 B)  C)  D) 

Ans : C

42.  is a \_\_\_\_\_\_\_ decimal

 A) terminating B) non - terminating C) whole number D) none

Ans : B

43. If A = 5/10 and B = 13/4, then the decimal forms

 A) 0.05; 3.25 B) 0.5; 3.025 C) 0.5; 3.25 D) 0.55; 0.325

Ans : C

44. The period in  is

 A) 3 B) 6 C) 5 D) 4

Ans : D

45.  in decimal form is

 A) 4.15 B) 4.25 C) 4.12 D) 4.18

Ans : C

46. If  is expressed as terminating decimal, then the answer is

 A) 5.82 B) 5.84 C) 5.86 D) 5.88

Ans : B

47. If  is expressed as decimal, then the answer is

 A) 7.6285 B) 7.6485 C) 7.6385 D) 7.6185

Ans : C

48. If  is expressed as decimal, then the answer is

 A) 4.0076 B) 4.076 C) 4.000076 D) 4.00076

Ans : D

49. If 2/3 of 48 is simplified, then the answer is

 A) 36 B) 32 C) 30 D) 38

Ans : B

50. 4/5 of Re. 1 is

 A) 60p B) 90p C) 80p D) 75p

Ans : C

51.  of 36 km is

 A) 26 km B) 27 km C) 28 km D) 29 km

Ans : C

52.  of 2 hours equals

 A) 200 hrs B) 200 mts C) 200 seconds D) 300 mts

Ans : B

53. If  of  is simplified, then the answer is

 A)  B)  C)  D) 

Ans : C

54. If  of  is simplified, then the answer is

 A) 4/7 B) 7/4 C) 9/4 D) 4/9

Ans : A

55.  equals

 A)  B)  C)  D) both 2 & 3

Ans : B

56. If  of 1 metre is added to 3 metres, then the total length is

 A) 3.4 m B) 3.6 m C) 3.5 m D) 3.2 m

Ans : A

57. If  of 6km is subtracted from 23km, then the answer is

 A) 17km B) 18km C) 19km D) 20km

Ans : C

58.  of 

A)  B)  C)  D) 

Ans : B

59. If  of  is simplified, then the result is

 A)  B)  C)  D) 

Ans : C

60. If  of  is simplified, then the result is

 A) 1 B) 2 C) 0 D) – 1

Ans : A

61. If x =  of  and y =  of x, then x ÷ y is

 A) 7/4 B) 7/3 C) 7/2 D) 7/8

Ans : C

62. If Ramesh spends th of the day in library,  rdof the day at school, then the number of hours he was left with in a day is

 A) 8 hours B) 9 hours C) 7 hours D) 6 hours

Ans : C

63.  of 

 A)  B)  C)  D) 

Ans : D

64. 3– tenths =

 (A) 0.3 (B) 0.03 (C) 0.003 (D) 0.0003.

Ans: (A)

65. Two tens and 2-tenths =

 (A) 20.2 (B) 2.02 (C) 202 (D) none of these.

Ans: (A)

66. One hundred and 1 – one =

 (A) 101 (B) 1.01 (C) 10.1 (D) 0.101.

Ans: (A)

67. Twelve point one =

 (A) 12.1 (B) 12.01 (C) 1.21 (D) 0.121.

Ans: (A)

68.  =

 (A) 0.2 (B) 0.02 (C) 0.002 (D) 0.0002

Ans: (A)

69.  =

 (A) 0.12 (B) 1.2 (C) 1.02 (D) 1.002

Ans : (B)

70.  =

 (A) 0.22 (B) 2.2 (C) 2.02 (D) 2.002

Ans: (B)

71. 1 +  =

 (A) 0.11 (B) 1.1 (C) 1.01 (D) 1.001

Ans: (B)

72.  =

 (A) 0.5 (B) 0.2 (C) 2.5 (D) 0.25

Ans: (C)

73.  =

 (A) 0.6 (B) 0.006 (C) 0.0006 (D) 0.06

Ans: (A)

74. 2  =

 (A) 2.1 (B) 2.01 (C) 2.001 (D) 2.0002

Ans: (A)

75.  =

 (A) 0.32 (B) 3.2 (C) 3.02 (D) 3.002

Ans: (B)

75. 0.4 =

 (A) 15 (B) 25 (C) 35 (D) 45

Ans: (B)

76. 1.5 =

 (A) 12 (B) 52 (C) 32 (D) 72

Ans: (C)

77. 3.2 =

 (A) 165 (B) 85 (C) 325 (D) 245

Ans: (A)

78. 1.0 =

 (A) 11 (B) 12 (C) 24 (D) 39

Ans: (A)

79. 1 mm=

 (A) 0.1 cm (B) 0.01 cm (C) 0.001 cm (D) 0.0001 cm.

Ans: (A)

80. 10mm =

 (A) 1.0 cm (B) 0.1cm (C) 0.01 cm (D) 0.001 cm.

Ans: (A)

81. 2 cm 2 mm =

 (A) 2.2 cm (B) 0.22 cm (C) 2.1 cm (D) 1.2 cm.

Ans: (A)

82. 111 mm =

 (A) 11.1 cm (B) 1.11cm (C) 0.111 cm (D) 0.0111 cm.

Ans: (A)

83. Between which two whole numbers on the number line does the number 0.5 lie?

 (A) 0 and 1 (B) 1 and 2 (C) 2 and 3 (D) – 1 and 0.

Ans: (A)

84. Between which two whole numbers on the number line does the number 3.3 lie?

 (A) 0 and 1 (B) 1 and 2 (C) 2 and 3 (D) 3 and 4.

Ans: (D)

85. Between which two whole numbers on the number line does the number 5.3 lie?

 (A) 1 and 2 (B) 2 and 3 (C) 3 and 4 (D) 5 and 6

Ans: (D)

86. 0.02 =

 (A)  (B)  (C)  (D) 

Ans: (B)

87. 1.44 =

 (A)  (B)  (C)  (D) 

Ans: (A)

88. 10 + 2 +  +  =

 (A) 12.12 (B) 12.21 (C) 11.11 (D) 21.12

Ans: (A)

89. 111 +  =

 (A) 111.01 (B) 111.1 (C) 111.001 (D) 111.0001

Ans: (A)

90. +  +  =

 (A) 0.234 (B) 2.34 (C) 23.4 (D) 234

Ans: (A)

91. 12 + +  =

 (A) 12.204 (B) 12.204 (C) 12.402 (D) 12.240

Ans: (A)

92. 0.005 =

 (A)  (B)  (C)  (D) 

Ans: (C)

93. 0.625 =

 (A)  (B)  (C)  (D) 

Ans: (D

94. 10 paise =

 (A) 0.1 rupee (B) 0.01 rupee (C) 0.001 rupee (D) 0.0001 rupee.

Ans: (A)

95. 8cm =

 (A) 0.8 m (B) 0.08 m (C) 0.008 m (D) 0.0008 m.

Ans: (B)

96. 40 mm=

 (A) 4 cm (B) 8 cm (C) 0.4 cm (D) 0.04 cm.

Ans: (A)

97. 5m =

 (A) 0.5 km (B) 0.05 km (C) 0.005 km (D) 0.0005 km.

Ans: (C)

98. 55 m=

 (A) 0.055 km (B) 0.35 km (C) 0.0055 km (D) 5.5 km.

Ans: (A)

99. 5g =

 (A) 0.005 kg (B) 0.05 kg (C) 0.5 kg (D) none of these.

Ans: (A)

100. 5 kg 5 g =

 (A) 5.005 kg (B) 5.05 kg (C) 5.5 kg (D) 0.55 kg.

Ans: (A)