EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Playing with Numbers

Grade : SSC Grade VIII

1. Write the expanded form of the given number : 9,64,222

   (i) (9 × 100000) + (5 × 10000) + (4 × 1000) + (2 × 100) + (2 × 10) + (2 × 1)

   (ii) (9 × 100000) + (6 × 10000) + (5 × 1000) + (2 × 100) + (2 × 10) + (2 × 1)

   (iii) (9 × 100000) + (6 × 10000) + (4 × 1000) + (3 × 100) + (2 × 10) + (2 × 1)

   (iv) (9 × 100000) + (6 × 10000) + (4 × 1000) + (1 × 100) + (2 × 10) + (2 × 1)

   (v) (9 × 100000) + (6 × 10000) + (4 × 1000) + (2 × 100) + (2 × 10) + (2 × 1)

2. Which of the following numbers is divisible by 11?

   (i) 9,350 (ii) 9,352 (iii) 9,349 (iv) 9,351 (v) 9,348

3. Find the total number of factors of 14

   (i) 5 (ii) 3 (iii) 4 (iv) 1 (v) 6

4. Which of the following numbers is divisible by 10?

   (i) 3700 (ii) 3701 (iii) 3702 (iv) 3699 (v) 3698

5. Find the place value of 7 in 497561

   (i) 70000 (ii) 700000 (iii) 700 (iv) 70 (v) 7000

6. 80000 + 2000 + 600 + 20 + 1 =

   (i) 82,521 (ii) 82,721 (iii) 82,621 (iv) 83,621 (v) 72,621

7. Which of the following numbers is divisible by 9?

   (i) 5,959 (ii) 5,960 (iii) 5,958 (iv) 5,957 (v) 5,956

8. Which of the following numbers is divisible by 10?

   (i) 4,661 (ii) 4,660 (iii) 4,658 (iv) 4,662 (v) 4,659

9. The multiples of 2 =

   (i) {2,4,6,8,10,12} (ii) {2,4,6,8,10,12,11} (iii) {2,4,6,8,10,12,11,3} (iv) {4,6,8,12,3,7}

   (v) {2,4,6,8,10,11}

10. Which of the following numbers is divisible by 7?

    (i) 3,919 (ii) 3,920 (iii) 3,918 (iv) 3,922 (v) 3,921

11. 23,289 =

    (i) 20000+200+80+9 (ii) 20000+3000+200+80+9 (iii) 20000+3000+200+9 (iv) 3000+200+80+9

    (v) 20000+3000+80+9

12. Find the total number of factors of 1680

(i) 38 (ii) 40 (iii) 41 (iv) 42 (v) 39

13. Which of the following numbers is divisible by 5?

(i) 5150 (ii) 5149 (iii) 5152 (iv) 5151 (v) 5148

14. Which of the following numbers is divisible by 3?

(i) 3,134 (ii) 3,131 (iii) 3,133 (iv) 3,130 (v) 3,132

15. 700000 + 80000 + 7000 + 900 + 50 + 6 =

(i) 787966 (ii) 786956 (iii) 787856 (iv) 788056 (v) 787956

16. Which of the following numbers is divisible by 4?

(i) 3,347 (ii) 3,349 (iii) 3,350 (iv) 3,346 (v) 3,348

17. Find the prime factorization of 8

(i) 2^2 (ii) 2 (iii) 2^4 (iv) 5^3 (v) 2^3

18. 5000 + 900 + 10 + 9 =

(i) 5919 (ii) 5819 (iii) -4081 (iv) 5929 (v) 6019

19. The multiples of 15 =

(i) {15,30,45,60,75,90} (ii) {30,45,60,90,31,89} (iii) {15,30,45,60,75,90,44}

(iv) {15,30,45,60,75,90,44,31} (v) {15,45,60,75,90,14}

20. Find the number of prime factors of 468

(i) 1 (ii) 2 (iii) 4 (iv) 3 (v) 0

21. 2,374 =

(i) 2000+300+4 (ii) 2000+300+70 (iii) 2000+300+70+4 (iv) 2000+70+4 (v) 300+70+4

22. 4000 + 300 + 10 + 3 =

(i) 4,313 (ii) 4,323 (iii) 4,213 (iv) 14,313 (v) -5,687

23. The multiples of 16 =

(i) {16,32,48,64,49,33} (ii) {16,32,48,64,80,96,63} (iii) {16,32,48,64,80,96,15,79}

(iv) {16,32,48,64,96,79} (v) {16,32,48,64,80,96}

24. Find the difference in place value of 7 in 67,57,891

(i) 6,93,001 (ii) 6,92,998 (iii) 6,93,000 (iv) 6,92,999 (v) 6,93,003

25. Find the sum of all natural numbers between 100 and 200 which are multiples of 5?

(i) 2848 (ii) 2850 (iii) 2849 (iv) 2852 (v) 2851

Assignment Key

1) (v)	2) (i)	3) (iii)	4) (i)	5) (v)	6) (iii)
7) (iii)	8) (ii)	9) (i)	10) (ii)	11) (ii)	12) (ii)
13) (i)	14) (v)	15) (v)	16) (v)	17) (v)	18) (i)
19) (i)	20) (iv)	21) (iii)	22) (i)	23) (v)	24) (iii)
25) (ii)					