EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Playing with Numbers

Grade : SSC Grade VI

1. Find the total number of factors of 26

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

2. Which of the following numbers is divisible by 6?

   (i) 1932 (ii) 1931 (iii) 1934 (iv) 1930 (v) 1933

3. The common multiples of 6 , 8 and 2 =

   (i) {48,72,131} (ii) {24,48,67} (iii) {24,48,271} (iv) {24,48,129} (v) {24,48,72}

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

   (i) 2,336 (ii) 2,338 (iii) 2,334 (iv) 2,337 (v) 2,335

5. Find the number of prime factors of 576

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

6. Which of the following is an odd number?

   (i) 6 (ii) 16 (iii) 36 (iv) 4 (v) 3

7. Find the total number of factors of 64

   (i) 7 (ii) 6 (iii) 9 (iv) 8 (v) 4

8. The common multiples of 7 and 3 =

   (i) {21,63,84,105,118} (ii) {21,42,63,105,48} (iii) {21,42,63,84,47} (iv) {42,63,84,105,204}

   (v) {21,42,63,84,105}

9. Find the prime factorization of 4860

   (i) $2^2 \times 3^5 \times 5$ (ii) $2^2 \times 3^6 \times 5$ (iii) $2^2 \times 3^5 \times 4$ (iv) $2^2 \times 3^5 \times 2$ (v) $4^2 \times 3^5 \times 5$

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

    (i) 5,341 (ii) 5,340 (iii) 5,343 (iv) 5,342 (v) 5,339

11. What is the number that divides {5476,1264,3136} leaving a remainder of 16

    (i) 155 (ii) 154 (iii) 157 (iv) 158 (v) 156

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

    (i) 1,294 (ii) 1,293 (iii) 1,295 (iv) 1,297 (v) 1,296

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

    (i) 3353 (ii) 3352 (iii) 3350 (iv) 3349 (v) 3351

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

    (i) 6,094 (ii) 6,093 (iii) 6,096 (iv) 6,092 (v) 6,095

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

(i) 7896 (ii) 7898 (iii) 7894 (iv) 7895 (v) 7897

16. The multiples of 8 =

(i) {8,16,24,32,40,48,23} (ii) {8,24,40,48,9,31} (iii) {8,16,24,32,40,48} (iv) {8,16,24,32,40,48,31,9}

(v) {16,24,32,40,48,47}

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

(i) 9,866 (ii) 9,862 (iii) 9,863 (iv) 9,865 (v) 9,864

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

(i) 1971 (ii) 1970 (iii) 1972 (iv) 1968 (v) 1969

19. Find the number of prime factors of 66

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

20. The multiples of 9 =

(i) {18,36,45,54,37,26} (ii) {9,18,27,36,45,54,17} (iii) {9,18,27,45,54,37} (iv) {9,18,27,36,45,54}

(v) {9,18,27,36,45,54,26,17}

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

(i) 7,033 (ii) 7,035 (iii) 7,034 (iv) 7,036 (v) 7,037

22. Find the HCF of {60,165}

(i) 16 (ii) 15 (iii) 14 (iv) 17 (v) 13

23. Find the product of LCM and HCF of {8,27}

(i) 214 (ii) 217 (iii) 215 (iv) 216 (v) 218

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

(i) 9,172 (ii) 9,171 (iii) 9,170 (iv) 9,173 (v) 9,174

25. The factors of 61 =

(i) {1,61,60} (ii) {1,61} (iii) {61,2} (iv) {1,61,60,2} (v) {60,2}

Assignment Key

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