EduSahara™ Assignment

Name : Prime Factorization Miscellaneous

Chapter : Playing with Numbers

Grade : SSC Grade VI

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1. Find the number of prime factors of 44

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

2. Find the number of prime factors of 99

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

3. Find the product of LCM and HCF of $\{16,25\}$

   (i) 401 (ii) 403 (iii) 398 (iv) 399 (v) 400

4. Find the product of LCM and HCF of $\{18,12,26\}$

   (i) 933 (ii) 938 (iii) 935 (iv) 936 (v) 937

5. Find the product of LCM and HCF of $\{24,15,10,20\}$

   (i) 122 (ii) 120 (iii) 119 (iv) 118 (v) 121

6. What is the number that divides $\{4847,1397,3329\}$ leaving a remainder of 17

   (i) 136 (ii) 137 (iii) 139 (iv) 138 (v) 141

7. What is the number that divides $\{3455,1730,1477\}$ leaving a remainder of 5

   (i) 24 (ii) 20 (iii) 23 (iv) 22 (v) 26

8. Find the number of prime factors of 432

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

9. Find the number of prime factors of 7700

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

10. Find the total number of factors of 40

    (i) 7 (ii) 10 (iii) 8 (iv) 9 (v) 5

11. Find the total number of factors of 57

    (i) 5 (ii) 7 (iii) 4 (iv) 3 (v) 2

12. Find the total number of factors of 360

    (i) 23 (ii) 22 (iii) 24 (iv) 25 (v) 26

13. Find the total number of factors of 7920

    (i) 59 (ii) 60 (iii) 57 (iv) 61 (v) 63

Assignment Key

1) (ii)	2) (iv)	3) (v)	4) (iv)	5) (ii)	6) (iv)
7) (iii)	8) (iv)	9) (iv)	10) (iii)	11) (iii)	12) (iii)
13) (ii)					

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