1. Which of the following is a perfect square?

   (i) 63 (ii) 65 (iii) 576 (iv) 963 (v) 2206

2. Which of the following is not a perfect square?

   (i) 194 (ii) 400 (iii) 225 (iv) 100 (v) 2116

3. What is the unit place digit in the square of 23?

   (i) 6 (ii) 1 (iii) 7 (iv) 3 (v) 9

4. If a number has 1 zeros at the end, its square has how many zeros?

   (i) 5 (ii) 1 (iii) 0 (iv) 3 (v) 2

5. Find the number of numbers between 9^2 and 10^2

   (i) 20 (ii) 15 (iii) 18 (iv) 17 (v) 19

6. How many digits are there in the square root of 5476?

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

7. How many digits are there in the square root of 804609?

   (i) 4 (ii) 6 (iii) 3 (iv) 2 (v) 0

8. Find the least number that must be subtracted from 1260 to get a perfect square?

   (i) 32 (ii) 34 (iii) 36 (iv) 37 (v) 35

9. Find the least number that must be added to 139 to get a perfect square?

   (i) 6 (ii) 4 (iii) 5 (iv) 2 (v) 8

10. Find the smallest 2 digit number which is a perfect square?

    (i) 17 (ii) 14 (iii) 16 (iv) 19 (v) 15

11. Find the greatest 2 digit number which is a perfect square?

    (i) 81 (ii) 84 (iii) 79 (iv) 82 (v) 80

12. Find the smallest 3 digit number which is a perfect square?

    (i) 99 (ii) 100 (iii) 101 (iv) 102 (v) 97

13. Find the greatest 3 digit number which is a perfect square?

    (i) 962 (ii) 964 (iii) 958 (iv) 961 (v) 960

14. Find the smallest 4 digit number which is a perfect square?

    (i) 1022 (ii) 1024 (iii) 1025 (iv) 1026 (v) 1023

15. Find the greatest 4 digit number which is a perfect square?

   (i) 9801 (ii) 9800 (iii) 9798 (iv) 9803 (v) 9802

16. Find the smallest 5 digit number which is a perfect square?

   (i) 10001 (ii) 9997 (iii) 10000 (iv) 9999 (v) 10002

17. Find the greatest 5 digit number which is a perfect square?

   (i) 99856 (ii) 99853 (iii) 99857 (iv) 99855 (v) 99858

18. Find the square root of 67.30

   (i) 9.2 (ii) 6.2 (iii) 8.2 (iv) 7.2 (v) 10.2

19. Find the square root of 392.901

   (i) 20.822 (ii) 19.822 (iii) 17.822 (iv) 18.822 (v) 21.822

20. Find the square root of 3709.2423

   (i) 58.9035 (ii) 59.9035 (iii) 60.9035 (iv) 61.9035 (v) 62.9035

21. The smallest number by which 242 must be multiplied so that the product is a perfect square is?

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

22. The smallest number by which 512 must be divided so that the quotient is a perfect square is?

   (i) 3 (ii) 5 (iii) 0 (iv) 2 (v) 1

23. Which of the following is a perfect square?

   (i) 2115 (ii) 9 (iii) 65 (iv) 6 (v) 623

24. Which of the following is not a perfect square?

   (i) 784 (ii) 167 (iii) 1600 (iv) 1521 (v) 1444

25. What is the unit place digit in the square of 38?

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

26. If a number has 3 zeros at the end, its square has how many zeros?

   (i) 8 (ii) 7 (iii) 4 (iv) 5 (v) 6

27. Find the number of numbers between 11^2 and 12^2

   (i) 23 (ii) 20 (iii) 25 (iv) 21 (v) 22

28. How many digits are there in the square root of 400?

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

29. How many digits are there in the square root of 363609?

   (i) 2 (ii) 3 (iii) 1 (iv) 4 (v) 5

30. Find the least number that must be subtracted from 915 to get a perfect square?

   (i) 12 (ii) 17 (iii) 14 (iv) 15 (v) 16

31. Find the least number that must be added to 1345 to get a perfect square?

    (i) 25 (ii) 24 (iii) 21 (iv) 23 (v) 26

32. Find the smallest 2 digit number which is a perfect square?

    (i) 14 (ii) 18 (iii) 15 (iv) 16 (v) 17

33. Find the greatest 2 digit number which is a perfect square?

    (i) 81 (ii) 80 (iii) 83 (iv) 78 (v) 82

34. Find the smallest 3 digit number which is a perfect square?

    (i) 101 (ii) 103 (iii) 97 (iv) 100 (v) 99

35. Find the greatest 3 digit number which is a perfect square?

    (i) 962 (ii) 961 (iii) 960 (iv) 963 (v) 958

36. Find the smallest 4 digit number which is a perfect square?

    (i) 1024 (ii) 1022 (iii) 1023 (iv) 1025 (v) 1026

37. Find the greatest 4 digit number which is a perfect square?

    (i) 9801 (ii) 9803 (iii) 9802 (iv) 9798 (v) 9800

38. Find the smallest 5 digit number which is a perfect square?

    (i) 10000 (ii) 9998 (iii) 10002 (iv) 10001 (v) 9999

39. Find the greatest 5 digit number which is a perfect square?

    (i) 99854 (ii) 99858 (iii) 99855 (iv) 99857 (v) 99856

40. Find the square root of 42.70

    (i) 6.53 (ii) 4.53 (iii) 8.53 (iv) 7.53 (v) 5.53

41. Find the square root of 189.449

    (i) 12.764 (ii) 15.764 (iii) 13.764 (iv) 11.764 (v) 14.764

42. Find the square root of 7286.0400

    (i) 87.3583 (ii) 83.3583 (iii) 86.3583 (iv) 85.3583 (v) 84.3583

43. The smallest number by which 76 must be multiplied so that the product is a perfect square is?

    (i) 16 (ii) 20 (iii) 21 (iv) 19 (v) 18

44. The smallest number by which 4563 must be divided so that the quotient is a perfect square is?

    (i) 2 (ii) 3 (iii) 1 (iv) 4 (v) 5

Assignment Key

1) (iii)	2) (i)	3) (v)	4) (v)	5) (iii)	6) (ii)
7) (iii)	8) (v)	9) (iii)	10) (iii)	11) (i)	12) (ii)
13) (iv)	14) (ii)	15) (i)	16) (iii)	17) (i)	18) (iii)
19) (ii)	20) (iii)	21) (iv)	22) (iv)	23) (ii)	24) (ii)
25) (iii)	26) (v)	27) (v)	28) (v)	29) (ii)	30) (iv)
31) (ii)	32) (iv)	33) (i)	34) (iv)	35) (ii)	36) (i)
37) (i)	38) (i)	39) (v)	40) (i)	41) (iii)	42) (iv)
43) (iv)	44) (ii)				