1. The ratio equivalent of the fraction $\dfrac{5}{3}$ =

   (i) 4:3 (ii) 5:3 (iii) 5:0 (iv) 5:6 (v) 3:5

2. The ratio equivalent of the fraction $\dfrac{99}{26}$ =

   (i) 26:99 (ii) 98:26 (iii) 99:28 (iv) 99:23 (v) 99:26

3. The fraction equivalent of the ratio 2:6 =

   (i) $\dfrac{2}{3}$ (ii) $\dfrac{1}{2}$ (iii) 0 (iv) $\dfrac{6}{2}$ (v) $\dfrac{2}{6}$

4. The fraction equivalent of the ratio 42:25 =

   (i) $\dfrac{42}{25}$ (ii) $\dfrac{44}{25}$ (iii) $\dfrac{25}{42}$ (iv) $\dfrac{42}{23}$ (v) $\dfrac{8}{5}$

5. The antecendent in the ratio 3:20 =

   (i) 2 (ii) 6 (iii) 20 (iv) 3 (v) 17

6. The antecendent in the ratio $\dfrac{8}{15} : \dfrac{3}{2}$ =

   (i) $\dfrac{8}{15}$ (ii) $\dfrac{3}{2}$ (iii) $\dfrac{1}{2}$ (iv) $\dfrac{8}{13}$ (v) $\dfrac{2}{3}$

7. The consequent in the ratio 13:11 =

   (i) 10 (ii) 11 (iii) 13

8. The consequent in the ratio $\dfrac{15}{8} : \dfrac{19}{15}$ =

   (i) $\dfrac{19}{13}$ (ii) $\dfrac{19}{15}$ (iii) $\dfrac{13}{8}$ (iv) $\dfrac{15}{8}$ (v) $\dfrac{7}{5}$

9. The simplest form of 120:60 =

   (i) 1:1 (ii) 2:1 (iii) 3:1 (iv) 2:-2 (v) 120:63

10. Find the missing value in the equation ____ : 6 = 8 : 2

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

11. Find the missing value in the equation 38 : ____ = 228 : 6

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

12. Find the missing value in the equation $6:1=$ ___ $:7$

   (i) 44 (ii) 42 (iii) 40 (iv) 43 (v) 41

13. Find the missing value in the equation $40:10=12:$ ___

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

14. Which of the ratios is proportional to 30 : 5?

   (i) 30:5 (ii) 30:8 (iii) 30:3 (iv) 29:5 (v) 31:5

15. A ratio is equal to 7 : 20. If its antecendent is 504, what is its consequent?

   (i) 1439 (ii) 1443 (iii) 1440 (iv) 1441 (v) 1437

16. A ratio is equal to 14 : 3. If its consequent is 900, what is its antecendent?

   (i) 4197 (ii) 4201 (iii) 4199 (iv) 4200 (v) 4202

17. Find the ratio between 8 months and 4 years 7 months

   (i) 8:55 (ii) 8:58 (iii) 8:53 (iv) 7:55

18. Find the number which bears the same ratio to $\frac{1}{2}$ that $\frac{2}{7}$ does to $\frac{5}{28}$

   (i) $\frac{6}{5}$ (ii) $\frac{4}{7}$ (iii) $\frac{4}{5}$ (iv) $\frac{2}{5}$ (v) $\frac{4}{3}$

19. Find the ratio between 3 months and 5 years

   (i) 1:20 (ii) 1:18 (iii) 1:22 (iv) 0:20

20. Find the ratio between 44 min and 9 hr

   (i) 11:135 (ii) 11:132 (iii) 10:135 (iv) 11:137

21. Find the ratio between 3 m and 4 km

   (i) 3:4000 (ii) 2:4000 (iii) 3:3998 (iv) 3:4002

22. Find the ratio between 3 gm and 5 kg

   (i) 3:4997 (ii) 3:5002 (iii) 2:5000 (iv) 3:5000

23. Find the ratio between 8 l and 3 kl

   (i) 1:375 (ii) 0:375 (iii) 1:377 (iv) 1:372

24. Find the ratio between 18 hr and 20 days

   (i) 3:80 (ii) 3:83 (iii) 2:80 (iv) 3:78

25. If 7 toys cost ₹70, how much will 38 toys cost?

   (i) ₹353 (ii) ₹367 (iii) ₹380 (iv) ₹388 (v) ₹408

26. If 7 sheets cost ₹63, how many sheets can be purchased with ₹225?

   (i) 27 (ii) 25 (iii) 24 (iv) 26 (v) 22

27. If 7 l of petrol costs ₹105, how much will 31 l cost?

    (i) ₹479 (ii) ₹453 (iii) ₹465 (iv) ₹490

28. If 6 l of oil costs ₹102, how much of oil costs ₹578?

    (i) 39 l (ii) 29 l (iii) 31 l (iv) 34 l (v) 37 l

29. If 10 men can make 70 chairs in a day, how many chairs are made by 25 men in a day?

    (i) 172 (ii) 175 (iii) 174 (iv) 176 (v) 177

30. If 12 men can make 24 toy cars in a day, how many men are needed to make 46 toy cars in a day?

    (i) 24 (ii) 22 (iii) 21 (iv) 23 (v) 25

31. If Nagarjuna can read 240 pages in 16 hr, how many pages can he read in 17 hr?

    (i) 254 (ii) 253 (iii) 258 (iv) 255 (v) 256

32. If Karthik can read 266 pages in 19 hr, he can read 196 pages in how many hours?

    (i) 17 hr (ii) 9 hr (iii) 14 hr (iv) 19 hr (v) 11 hr

33. The cost of 14 kg of beans is ₹378. How many kgs of beans can be purchased with ₹270 ?

    (i) 13 kg (ii) 7 kg (iii) 5 kg (iv) 15 kg (v) 10 kg

34. The cost of 22 kg of carrots is ₹462. How much has to be paid to purchase 21 kg of carrots ?

    (i) ₹416 (ii) ₹468 (iii) ₹449 (iv) ₹441 (v) ₹437

35. The weight of 19 rounds of copper wire is 380 kg. How many rounds of copper wire is present in 220 kg?

    (i) 11 (ii) 13 (iii) 10 (iv) 12 (v) 8

36. A bus ticket fare for 19 km costs ₹79. How much is the fare for 17 km?

    (i) ₹65.68 (ii) ₹75.68 (iii) ₹70.68 (iv) ₹67.68 (v) ₹73.68

37. The sales tax for ₹100 of a bill is ₹15. How much sales tax has to be paid for a bill of ₹266 ?

    (i) ₹34.90 (ii) ₹36.90 (iii) ₹42.90 (iv) ₹44.90 (v) ₹39.90

38. To stitch a shirt, 127 cm of cloth is needed. How much cloth is needed to stitch 6 shirts ?

    (i) 762 cm (ii) 779 cm (iii) 748 cm (iv) 774 cm

39. 16 m of cloth is required to stitch 6 dresses. How many meters of cloth is required to stitch 17 dresses?

    (i) 42.33 m (ii) 50.33 m (iii) 40.33 m (iv) 48.33 m (v) 45.33 m

40. The cost of 5 dozen bananas is ₹180. What is the cost of 22 dozens ?

    (i) ₹820 (ii) ₹792 (iii) ₹777 (iv) ₹766 (v) ₹805

41. 20 mangoes weigh 9 kg. If 8 mangoes are needed, how many kgs have to be purchased?

    (i) 1.60 kg (ii) 5.60 kg (iii) 4.60 kg (iv) 3.60 kg (v) 2.60 kg

42. The specification on a printer says that it prints 400 pages in 5 min. If 6400 pages have to be printed, how long will it take ?

    (i) 80 min (ii) 85 min (iii) 77 min (iv) 75 min (v) 83 min

43. 13 gm of gold costs ₹35100. What is the cost of 40 gm ?

   (i) ₹91000 (ii) ₹108000 (iii) ₹110000 (iv) ₹133000 (v) ₹96000

44. A banker gave foreign exchange of $10 for ₹550. How many dollars will the customer get for ₹2090 ?

   (i) $41 (ii) $35 (iii) $33 (iv) $43 (v) $38

Assignment Key

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