

UNITARY METHOD (QUANTITATIVE APTITUDE)

Subject wise Sample Questions with Answers

For Banking, SSC, General Competition, Jobs and other Job oriented
Entrance Exams.

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PARTNERS

Unitary Method Set 1

1. If cost of 24 oranges is ₹ 72, then find out the cost of 120 oranges.

- A. ₹ 180
- B. ₹ 360
- C. ₹ 172
- D. ₹ 500

Answer: B

2. If 20 articles cost ₹ 90, then the cost of 9 articles is ?

- A. ₹ 45
- B. ₹ 40.50
- C. ₹ 4.50
- D. None of these

Answer: B

3. If cost of 15 eggs is ₹ 75, then find out the cost of 4 dozens eggs.

- ₹ 240
- ₹ 300
- ₹ 150
- ₹ 185

Answer: A

4. If cost of 12 pens is ₹ 84, then what is the cost of 10 such pens?

- A. ₹ 90
- B. ₹ 72
- C. ₹ 65
- D. ₹ 70

Answer: D

5. If 16 dozens bananas cost ₹ 360, then how many bananas can be bought in ₹ 60 ?

Unitary Method **Set 1**

- A. 16 bananas
- B. 48 bananas
- C. 32 bananas
- D. 50 bananas

Answer: C

6. If 45 m of a uniform rod weight 171 kg, then what will be the weight of 12 m of the same rod ?

- A. 49 kg
- B. 42.5 kg
- C. 55 kg
- D. 45.6 kg

Answer: D

7. A worker makes a toy in every 2h. If he works for 80h, then how many toys will he make ?

- A. 40
- B. 54
- C. 45
- D. 39

Answer: A

8. A tree is 12 m tall and casts an 8 m long shadow. At the same time, a flag pole casts a 100 m long shadow. How long is the flag pole ?

- A. 150 m
- B. 200 m
- C. 125 m
- D. 115 m

Answer: A

9. In a race , Ravi covers 5 km in 20 min. How much distance will he cover in 100 min ?

Unitary Method **Set 1**

A. 40 km

B. 35 km

C. 26 km

D. 25 km

Answer: D

10. Shantanu completes $\frac{5}{8}$ of a job in 20 days. At this rate, how many more days will he take to finish the job?

A. 6 days

B. 18 days

C. 5 days

D. 12 days

Answer: D

11. If in a hostel 45 days, food is available for 50 students, for how many days will this food be sufficient for 75 students ?

A. 25 days

B. 28 days

C. 30 days

D. 40 days

Answer: C

12. 12 men can do a piece of work in 24 days. How many days are needed to complete the work, if 8 men are engaged in the same work ?

A. 28

B. 36

C. 48

D. 52

Answer: B

Unitary Method Set 1

13. If price of m articles is ₹ n , then what is the price of 5 articles ?

- A. ₹ $5n/m$
- B. ₹ $mn/5$
- C. ₹ m/n
- D. ₹ $5m/n$

Answer: A

14. Maganlal, a worker, makes an article in every $2/3$ h. If he works for $7\frac{1}{2}$ h, then how many articles will he make ?

- A. $11\frac{1}{4}$
- B. $11\frac{1}{3}$
- C. $11\frac{2}{6}$
- D. $11\frac{2}{5}$

Answer: A

15. If 12 persons working 16 h per day earn ₹ 33600 per week, then how much will 18 persons earn working 12 h per day ?

- A. ₹ 40000
- B. ₹ 35000
- C. ₹ 28800
- D. ₹ 37800

Answer: D

16. 20 men can build 56 m long wall in 6 days. What length of a similar wall can be built by 70 men in 3 days ?

- A. 100 m
- B. 98 m
- C. 48 m
- D. 85 m

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Answer: B

17. If 30 men working 9 h per day can reap a field in 16 days, in how many days, will 36 men reap the field working 8 h per day?

A. 15

B. 25

C. 18

D. 10

Answer: A

18. 22 men can complete a job in 16 days. In how many days, will 32 men complete that job ?

A. 14

B. 12

C. 16

D. None of these

Answer: D

19. A garrison of 1000 men had provisions for 48 days. However, a reinforcement of 600 men arrived. How long will now food last for ?

A. 35 days

B. 30 days

C. 25 days

D. 45 days

Answer: B

20. 2000 soldiers in a fort had enough food for 20 days. But some soldiers were transferred to another fort and the food lasted for 25 days. How many soldiers were transferred ?

A. 400

B. 450

C. 525

Unitary Method **Set 1**

D. 500

Answer: A

21. If 10 spiders can catch 10 flies in 10 min, then how many flies can 200 spiders catch in 200 min ?

A. 2000

B. 5000

C. 4000

D. 3000

Answer: C

22. A garrison is provided with ration for 72 soldiers to last for 54 days. Find how long would the same amount of food last for 90 soldiers, if the individual ration is reduced by 10 % ?

A. 48 days

B. 72 days

C. 54 days

D. 126 days

Answer: A

23. If in a hostel, food is available for 45 days for 50 students. For how many soldiers for 75 students ?

A. 25 days

B. 28 days

C. 30 days

D. 40 days

Answer: C

24. 3 men can do a piece of work in 18 days. 6 boys can also do the same work in 18 days. In how many days, 4 men and 4 boys together will finish the work ?

A. 10 days

B. 6 days

C. 12 days

Unitary Method **Set 1**

D. 9 days

Answer: D

25. 8 men can complete a work in 12 days, 4 women can complete it in 48 days and 10 children can complete the same work in 24 days. In how many days can 10 men, 4 women and 10 children complete the same work ?

A. 10 days

B. 5 days

C. 7 days

D. 6 days

Answer: D

26. 10 men and 8 women can together complete a work in 5 days. Work done by a women is equal to the half of the work done by a man. In how many days, will 4 men and 6 women complete that work ?

A. 12 days

B. 10 days

C. $8\frac{2}{3}$ days

D. $9\frac{3}{4}$ days

Answer: B

27. 40 men complete one-third of a work in 40 days. How many more men should be employed to finish the rest of the work in 50 more days ?

A. 12

B. 20

C. 18

D. 24

Answer: D

28. 20 men complete one-third of a work in 20 days. How many more men should be employed to finish the rest of the work in 25 more days ?

A. 10

Unitary Method **Set 1**

B. 12

C. 15

D. 20

Answer: B

29. A man and a boy working together can complete a work in 24 days. If for the last 6 days, the man alone does the work, then it is completed in 26 days. How long will the boy take to complete the work alone ?

A. 72 days

B. 73 days

C. 49 days

D. 62 days

Answer: A

30. In a garrison, there was food for 1000 soldiers for one month. After 10 days 1000 more soldiers joined the garrison. How long would the soldiers be able to carry on with the remaining food ?

A. 25 days

B. 20 days

C. 15 days

D. 10 days

Answer: D

Unitary Method **Set 1**

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Unitary Method **Set 2**

1. If 45 m of a uniform rod weighs 171 kg, then what will be the weight of 12 m of the same rod?

- A). 49 kg
- B). 42.5 kg
- C). 55 kg
- D). 45.6 kg

Answer: D

2. 25 men can reap a field in 20 days. when should 15 men leave the work, if the whole field is to be reaped in $37\frac{1}{2}$ days after they leave the work?

- A. After 5 days
- B. After 10 days
- C. After 9 days
- D. After 7 days

Answer: A

3. If cost of 24 oranges is Rs. 72, then find out the cost of 120 oranges.

- A). Rs.18
- B). Rs.360
- C). Rs.172
- D). Rs.500

Answer: B

4. If 12 men or 18 women can do a piece of work in 14 days, then how long will 8 men and 16 women take to finish the work ?

- A. 9 days
- B. 10 days
- C. 12 days
- D. 14 days

Answer: A

Unitary Method **Set 2**

5. 22 men can complete a job in 16 days. In how many days, will 32 men complete that job?

- A). 14
- B). 12
- C). 16
- D). 11

Answer: D

6. 2000 soldiers in a fort had enough food for 20 days. But some soldiers were transferred to another fort and the food lasted for 25 days. How many soldiers were transferred?

- A). 400
- B). 450
- C). 525
- D). 500

Answer: A

7. If in a hostel, food is available for 45 days for 50 students. For how many days will this food be sufficient for 75 students?

- A). 25 days
- B). 28 days
- C). 30 days
- D). 40 days

Answer: C

8. If cost of 15 eggs is Rs.75, then find out the cost of 4 dozens eggs.

- A). Rs.240
- B). Rs.300
- C). Rs.150
- D). Rs.185

Answer: A

Unitary Method **Set 2**

9. A worker makes a toy in every 2 h. If he works for 80 h, then how many toys will he make?

- A). 40
- B). 54
- C). 45
- D). 39

Answer: A

10. If 10 spiders can catch 10 flies in 10 min, then how many flies can 200 spiders catch in 200 min?

- A). 2000
- B). 5000
- C). 4000
- D). 3000

Answer: C

11. 12 men can do a piece of work in 24 days. How many days are needed to complete the work, if 8 men are engaged in the same work?

- A). 28
- B). 36
- C). 48
- D). 52

Answer: B

12. In a garrison, there was food for 1000 soldiers for one month. After 10 days 1000 more soldiers joined the garrison. How long would the soldiers be able to carry on with the remaining food?

- A). 25 days
- B). 20 days
- C). 15 days
- D). 10 days

Answer: C

Unitary Method **Set 2**

13. 20 men can build 56 m long wall in 16 days. What length of a similar wall can be built by 70 men in 3 days?

- A). 100 m
- B). 98 m
- C). 48 m
- D). 85 m

Answer: B

14. Shantanu completes 58 of a Job in 20 days. At this rate, how many more days will he take to finish the job?

- A). 6 days
- B). 18 days
- C). 5 days
- D). 12 days

Answer: D

15. If cost of 12 pens is Rs.84, then what is the cost of 10 such pens?

- A). Rs.90
- B). Rs.72
- C). Rs.65
- D). Rs.70

Answer: D

16. If 16 dozens bananas cost Rs.360, then how many bananas can be bought in Rs.60?

- A). 16 bananas
- B). 48 bananas
- C). 32 bananas
- D). 50 bananas

Answer: C

Unitary Method **Set 2**

17. If cost of 12 pens is Rs.84, then what is the cost of 10 such pens?

- A). Rs.90
- B). Rs.72
- C). Rs.65
- D). Rs.70

Answer: D

18. 3 men can do a piece of work in 18 days. 6 boys can also do the same work in 18 days. In how many days, 4 men and 4 boys together will finish the work?

- A). 10 days
- B). 6 days
- C). 12 days
- D). 9 days

Answer: D

19. A garrison is provided with ration for 72 soldiers to last for 54 days. Find how long would the same amount of food last for 90 soldiers, if the individual ration is reduced by 10%?

- A). 48 days
- B). 72 days
- C). 54 days
- D). 126 days

Answer: A

20. In a race, Ravi covers 5 km in 20 min. How much distance will he cover in 100 min?

- A). 40 km
- B). 35 km
- C). 26 km
- D). 25 km

Answer: D

Unitary Method **Set 2**

21. If 30 men working 9 h per day can reap a field in 16 days, in how many days, will 36 men reap the field working 8 h per day?

- A). 15
- B). 25
- C). 18
- D). 10

Answer: A

22. A tree is 12 m tall and casts an 8 m long shadow. At the same time, a flag pole casts a 100 m long shadow. How long is the flag pole?

- A). 150 m
- B). 200 m
- C). 125 m
- D). 115 m

Answer: A

23. A garrison of 1000 men had provisions for 48 days. However, a reinforcement of 600 men arrived. How long will now food last for?

- A). 35 days
- B). 30 days
- C). 25 days
- D). 45 days

Answer: B

24. A man and a boy working together can complete a work in 24 days. If for the last 6 days, the man alone does the work, then it is completed in 26 days. How long will the boy take to complete the work alone?

- A). 72 days
- B). 73 days
- C). 49 days

Unitary Method **Set 2**

D). 62 days

Answer: A

25. If 12 persons working 16 h per day earn Rs.33600 per week, then how much will 18 persons earn working 12 h per day?

A). Rs.40000

B). Rs.35000

C). Rs.28800

D). Rs.37800

Answer: D

26. If 12 engines consume 30 metric tonnes of coal when each is running 18h per day, how much coal will be required for 16 engines, each running 24 h per day, it being given that 6 engines of former type consume as much as 8 engines of latter type?

A). 10 tonnes

B). 5 tonnes

C). 25 tonnes

D). 40 tonnes

Answer: D

27. 25 men can reap a field in 20 days. When should 15 men leave the work, if the whole field is to be reaped in 37 1/2 days after they leave the work?

A). After 5 days

B). After 10 days

C). After 9 days

D). After 7 days

Answer: A

28. 20 men complete one-third of a work in 20 days. How many more men should be employed to finish the rest of the work in 25 more days?

A). 10

Unitary Method **Set 2**

B). 12

C). 15

D). 20

Answer: B

29. 8 men can complete a work in 12 days, 4 women can complete it in 48 days and 10 children can complete the same work in 24 days. In how many days can 10 men, 4 women and 10 children complete the same work?

A). 10 days

B). 5 days

C). 7 days

D). 6 days

Answer: D

30. 40 men complete one-third of a work in 40 days. How many more men should be employed to finish the rest of the work in 50 more days?

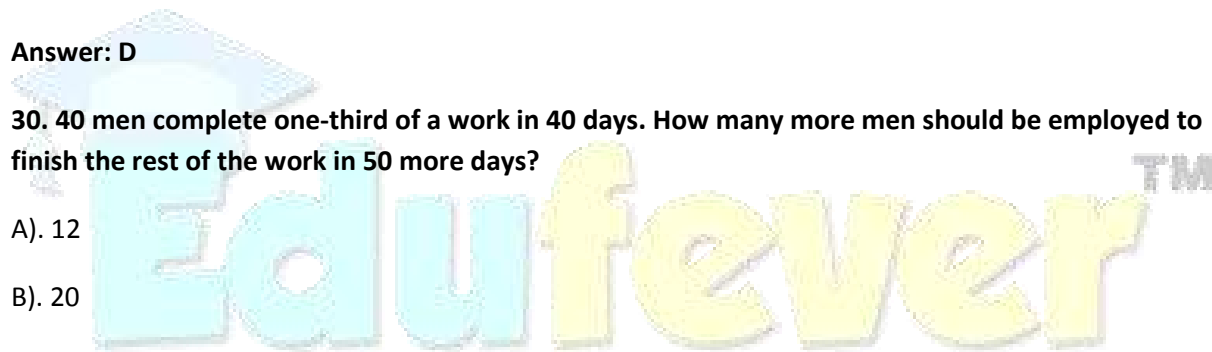
A). 12

B). 20

C). 18

D). 24

Answer: 24

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PARTNERS

1. If cost of 15 eggs is Rs. 75, then find out the cost of 4 dozen eggs.

- A. Rs. 240
- B. Rs 300
- C. Rs 150
- D. Rs 185

Answer: Option A

2. If cost of 24 oranges is Rs. 72, then find out the cost of 120 oranges.

- A. Rs. 180
- B. Rs. 360
- C. Rs. 172
- D. Rs. 500

Answer: Option B

3. If 16 dozens bananas cost ₹ 360, then how many bananas can be bought in Rs. 60?

- A. 16 bananas
- B. 48 bananas
- C. 32 bananas
- D. 50 bananas

Answer: Option C

4. If cost of 12 pens is ₹ 84, then what is the cost of 10 such pens?

- A. Rs. 90
- B. Rs. 72
- C. Rs. 65
- D. Rs. 70

Answer: Option D

5. If 20 articles cost Rs. 90, then the cost of 9 articles is?

- A. Rs. 45
- B. Rs. 40.50
- C. Rs. 4.50
- D. None of these

Answer: Option B

6. If 12 persons working 16 h per day earn Rs. 33600 per week, then how much will 18 persons earn working 12 h per day?

- A. Rs. 40000
- B. Rs. 35000
- C. Rs. 28800
- D. Rs.37800

Answer: Option D

7. 20 men can build 56 m long wall in 6 days. What length of a similar wall can be built by 70 men in 3 days?

- A. 100 m
- B. 98 m
- C. 48 m
- D. 85 m

Answer: Option B

8. If 30 men working 9 h per day can reap a field in 16 days, in how many days, will 36 men reap the field working 8 h per day?

- A. 15
- B. 25
- C. 18
- D. 10

Answer: Option A

9. 22 men can complete a job in 16 days. In how many days, will 32 men complete that job?

- A. 14
- B. 12
- C. 16
- D. None of these

Answer: Option D

10. A garrison of 1000 men had provisions for 48 days. However, a reinforcement of 600 men arrived. How long will now food last for?

- A. 35 days
- B. 30 days
- C. 25 days
- D. 45 days

Answer: Option B

11. 40 men complete one-third of a work in 40 days. How many more men should be employed to finish the rest of the work in 50 more days?

- A. 12
- B. 20
- C. 18
- D. 24

Answer: Option D

12. 20 men complete one-third of a work in 20 days. How many more men should be employed to finish the rest of the work in 25 more days?

- A. 10
- B. 12
- C. 15
- D. 20

Answer: Option B

13. 10 men and 8 women can together complete a work in 5 days. Work done by a women is equal to the half of the work done by a man. In how many days, will 4 men and 6 women complete that work?

- A. 12 days
- B. 10 days
- C. $8\frac{2}{3}$ days
- D. $9\frac{2}{3}$ days

Answer: Option B

14. 8 men can complete a work in 12 days, 4 women can complete it in 48 days and 10 children can complete the same work in 24 days. In how many days can 10 men, 4 women and 10 children complete the same work?

- A. 10 days
- B. 5 days
- C. 7 days
- D. 6 days

Answer: Option D

15. A garrison of 400 men has provision for 30 days. However a reinforcement of 100men arrived. The food will now last for.

- A. 27 days
- B. 21 days
- C. 24 days
- D. 28 days

Answer: Option C

16. A rope makes 125 rounds of a cylinder with base radius 15 cm. How many time can it go round a cylinder with base radius 25 cm?

- A. 100
- B. 75
- C. 80
- D. 65

Answer: Option B

17. 10 workers can make 15 boxes in 6 days, how many boxes will 12 workers make in 3 days.

- A. 10
- B. 9
- C. 6
- D. 8

Answer: Option B

18. 6 men finish one-fourth work in 2 days. The number of additional men required for finishing the same work in 2 days is.

- A. 18 men
- B. 24 men
- C. 28 men
- D. 14 men

Answer: Option A

19. If 8 monkeys eat 8 bananas in 8 min. How many monkeys will eat 12 bananas in 12 min?

- A. 6
- B. 8
- C. 12
- D. 10

Answer: Option B

20. A certain number of men complete a piece of work in 45 days. If there were 5 men more, the work could be finished in 9 days less. How many men were originally there?

- A. 30
- B. 15
- C. 25
- D. 20

Answer: Option D

21. If 36 persons consume 180 kg of rice in 12 days, in how many days will 42 persons consume 105 kg of rice?

- A. 6 days
- B. 8 days
- C. 4 days
- D. 9 days

Answer: Option A

22. If 10 men working 8 h a day can do a piece of work in 12 days, then how many men working 10 h a day can do the work in 16 days?

- A. 10
- B. 5
- C. 6
- D. 8

Answer: Option C

23. If 5 men take 21 days of 8 h each to do a piece of work. How many days of 6 h each would 14 women take, if 2 women do as much work as a man?

- A. 20 days
- B. 16 days
- C. 18 days
- D. 22 days

Answer: Option A

24. The work done by $(x + 2)$ men in $(x - 3)$ days and work done by 'x' men in $(x - 2)$ days is equal. Find x.

- A. 6
- B. 4
- C. 8
- D. 9

Answer: Option A

25. 10. If 25 binders bind 25 books in 25 days. How many binders can bind 10 books in 10 days?

- A. 25
- B. 10
- C. 15
- D. 20

Answer: Option A

26. If 15 men build a wall 35 m high 14 days, in how many days will 30 men build a similar wall 20 m high?

- A. 5 days
- B. 4 days
- C. 7 days
- D. 6 days

Answer: Option B

27. If 8 men working 9 h a day can reap a field in 24 days, in how many days will 12 men reap the field, working 6 h a day?

- A. 24 days
- B. 20 days
- C. 28 days
- D. 16 days

Answer: Option A

28. If 12 machines working 7 h a day can finish a work in 18 days, in how many days will 16 machines working 9 h a day finish twice the work?

- A. 21 days
- B. 18 days
- C. 24 days
- D. 16 days

Answer: Option A

29. The work done by $(m + 3)$ men in $(m - 2)$ days and work done by $(m - 2)$ men in $(m + 5)$ days are in the ratio 4: 5. Find m .

- A. 5
- B. 6
- C. 4
- D. 8

Answer: Option A

30. 12 men can paint the wall in 8 hours. How many men will paint the wall in 6 hours?

- A. 11 men
- B. 13 men
- C. 15 men
- D. 16 men

Answer: Option D

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- A. 150 m
- B. 200 m
- C. 125 m
- D. 115 m

Answer: Option A

2. If 45 m of a uniform rod weighs 171 kg, then what will be the weight of 12 m of the same rod?

- A. 49 kg
- B. 42.5 kg
- C. 55 kg
- D. 45.6 kg

Answer: Option D

3. A worker makes a toy in every 2h. If he works for 80h, then how many toys will he make?

- A. 40
- B. 54
- C. 45
- D. 39

Answer: Option A

4. In a race, Ravi covers 5 km in 20 min. How much distance will he cover in 100 min?

- A. 40 km
- B. 35 km
- C. 26 km
- D. 25 km

Answer: Option D

5. 3 men can do a piece of work in 18 days. 6 boys can also do the same work in 18 days. In how many days, 4 men and 4 boys together will finish the work?

- A. 10 days
- B. 6 days
- C. 12 days
- D. 9 days

Answer: Option D

6. If 10 spiders can catch 10 flies in 10 min, then how many flies can 200 spiders catch in 200 min?

- A. 2000
- B. 5000
- C. 4000
- D. 3000

Answer: Option C

7. If in a hostel, food is available for 45 days for 50 students. For how many soldiers for 75 students?

- A. 25 days
- B. 28 days
- C. 30 days
- D. 40 days

Answer: Option C

8. 2000 soldiers in a fort had enough food for 20 days. But some soldiers were transferred to another fort and the food lasted for 25 days. How many soldiers were transferred?

- A. 400
- B. 450
- C. 525
- D. 500

Answer: Option A

9. A garrison is provided with ration for 72 soldiers to last for 54 days. Find how long would the same amount of food last for 90 soldiers, if the individual ration is reduced by 10 %?

- A. 48 days
- B. 72 days
- C. 54 days
- D. 126 days

Answer: Option A

10. In a garrison, there was food for 1000 soldiers for one month. After 10 days 1000 more soldiers joined the garrison how long would the soldiers be able to carry on with the remaining food?

- A. 25 days
- B. 20 days
- C. 15 days
- D. 10 days

Answer: Option D

11. 25 men can reap a field in 20 days. When should 15 men leave the work, if the whole field is to be reaped in $37\frac{1}{2}$ days after they leave the work?

- A. After 5 days
- B. After 10 days
- C. After 9 days
- D. After 7 days

Answer: Option A

12. A man and a boy working together can complete a work in 24 days. If for the last 6 days, the man alone does the work, then it is completed in 26 days. How long will the boy take to complete the work alone?

- A. 72 days
- B. 73 days
- C. 49 days
- D. 62 days

Answer: Option A

13. If 12 men or 18 women can do a piece of work in 14 days, then how long will 8 men and 16 women take to finish the work?

- A. 9 days
- B. 10 days
- C. 12 days
- D. 14 days

Answer: Option A

14. 20 men can reap a field in 20 days. When should 5 men leave the work, if the whole field is to be reaped in 24 days after they leave the work?

- A. 2 days
- B. 4 days
- C. 3 days
- D. 5 days

Answer: Option A

15. 1. Cost of 24 pens is Rs. 96. Find the cost of 16 such pens.

- A. Rs. 66
- B. Rs. 64
- C. Rs. 62
- D. Rs. 68

Answer: Option B

16. A man pays Rs. 13000 as rent for 4 months. How much does he pay for the whole year, if rent per month remains the same?

- A. Rs. 48000
- B. Rs. 39000
- C. Rs. 46000
- D. Rs. 47000

Answer: Option B

17. Cost of 8 dozen bananas is Rs. 180. How many bananas can be purchased for Rs. 30?

- A. 16 bananas
- B. 24 bananas
- C. 14 bananas
- D. 22 bananas

Answer: Option A

18. 20 workers working for 8 hours a day build the wall in 15 days. How many hours a day will 12 workers take to complete the work in 10 days?

- A. 20 hours
- B. 22 hours
- C. 24 hours
- D. None of these

Answer: Option A

19. 6 pipes are required to fill the tank in 64 minutes. How many pipes are required to fill the tank in 96 minutes?

- A. 1 pipes
- B. 2 pipes
- C. 3 pipes
- D. 4 pipes

Answer: Option D

20. A school has 8 periods in a day such that each period is of 35 minutes. If the number of periods is reduced to 7, then how long would each period be?

- A. 44 minutes
- B. 41 minutes
- C. 40 minutes
- D. 42 minutes

Answer: Option C

21. 5 pumps working together can empty the tank in 36 minutes. How long will it take to empty the tank if 9 such pumps are working together?

- A. 20 minutes
- B. 25 minutes
- C. 23 minutes
- D. 22 minutes

Answer: Option A

22. Lara reads 21 pages of a book every day and finishes the book in 30 days. If he reads 18 pages in a day, in how many days will he finish reading the book?

- A. 31 days
- B. 32 days
- C. 35 days
- D. 33 days

Answer: Option C

23. If 17 men can complete the work in 42 hours. How many men will be required to do the same work in 34 hours?

- A. 20 men
- B. 22 men
- C. 21 men
- D. None of these

Answer: Option C

24. 500 soldiers in a fort had enough food for 30 days but 125 soldiers were transferred to another fort. For how many days did the food last then?

- A. 40 days
- B. 43 days
- C. 42 days
- D. 41 days

Answer: Option A

25. 8 potters can make 96 pots in 4 days. How many potters will be needed to make 108 pots in 6 days?

- A. 1 potters
- B. 5 potters
- C. 2 potters
- D. 6 potters

Answer: Option D

26. There are 124 students in the hostel. Food provision for them is for 28 days. How many more students joined the hostel so that the food lasted for 16 days?

- A. 93
- B. 96
- C. 95
- D. 92

Answer: Option A

27. A train moves at a speed of 110 km/hr and covers a certain distance in 9.6 hours. What should be the speed of the train to cover the same distance in 8 hours?

- A. 131 km/h
- B. 133 km/h
- C. 132 km/h
- D. None of these

Answer: Option C

28. If 24 horses can graze a field in 10 days. Then how many horses will graze the same field in 15 days.

- A. 18 horses
- B. 16 horses
- C. 17 horses
- D. 13 horses

Answer: Option B

29. If 5 men can build a wall in 6 days. In how many days 10 men will do it?

- A. 3 days
- B. 5 days
- C. 2 days
- D. Both B and C

Answer: Option A

30. A car takes 5 hours to complete a journey if it moves with a speed of 90 km/hr. How long will it take when the car travels at a speed of 75 km/hr?

- A. 1.5 hours
- B. 2 hours
- C. 5 hours
- D. 6 hours

Answer: Option D

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PARTNERS

UNITARY METHOD SET-5

1. Shantanu completes $\frac{5}{8}$ of a job in 20 days. At this rate, how many more days will he take to finish the job?

- A. 6 days
- B. 18 days
- C. 5 days
- D. 12 days

Answer: Option D

2. If in a hostel 45 days, food is available for 50 students, for how many days will this food be sufficient for 75 students?

- A. 25 days
- B. 28 days
- C. 30 days
- D. 40 days

Answer: Option C

3. Maganlal, a worker, makes an article in every $\frac{2}{3}$ h. If he works for $7\frac{1}{2}$ h, then how many articles will he make?

- A. $11\frac{1}{4}$
- B. $11\frac{1}{3}$
- C. $11\frac{2}{6}$
- D. $11\frac{2}{5}$

Answer: Option A

4. 12 men can do a piece of work in 24 days. How many days are needed to complete the work, if 8 men are engaged in the same work?

- A. 28
- B. 36
- C. 48
- D. 52

Answer: Option B

5. 20 men can reap a field in 20 days. When should 5 men leave the work, if the whole field is to be reaped in 24 days after they leave the work?

- A. 2 days
- B. 4 days
- C. 3 days
- D. 5 days

Answer: Option A

6. Cost of 24 pens is Rs. 96. Find the cost of 16 such pens.

- A. Rs. 66
- B. Rs. 64
- C. Rs. 62
- D. Rs. 68

Answer: Option B

7. A man pays Rs. 13000 as rent for 4 months. How much does he pay for the whole year, if rent per month remains the same?

- A. Rs. 48000
- B. Rs. 39000
- C. Rs. 46000
- D. Rs. 47000

Answer: Option C

8. 23 envelopes cost Rs. 57.50. How many envelopes can be bought for Rs. 127.50?

- A. 55
- B. 56
- C. 51
- D. 53

Answer: Option C

9. 2. Cost of 8 dozen bananas is Rs. 180. How many bananas can be purchased for Rs. 30?

- A. 16 bananas
- B. 24 bananas
- C. 14 bananas
- D. 22 bananas

Answer: Option A

10. 12 farmers harvest the crops in the field in 20 hours. How many workers will be required to do the same work in 15 hours?

- A. 16 farmers
- B. 15 Farmers
- C. 11 Farmers
- D. None of These

Answer: Option A

11. The weight of 56 books is 8 kg. What is the weight of 152 such books? How many such books weigh 5 kg?

- A. 21 $\frac{5}{7}$ kg, 35 books
- B. 22 $\frac{3}{2}$ kg, 35 books
- C. Both The above
- D. None of theses

Answer: Option A

12. A worker is paid Rs.750 for 6 days' work. If he works for 23 days, how much will he get?

- A. US Dollar 2875
- B. US Dollar 2874
- C. US Dollar 2872
- D. None of these

Answer: Option A

13. 15 masons can build the wall in 20 days. How many masons will build the wall in 12 days?

- A. 7.23
- B. 7. 25
- C. 7.22
- D. None of these

Answer: Option B

14. In a camp, there are provisions for 400 persons for 23 days. If 60 more persons join the camp, find the number of days the provision will last?

- A. 22 days
- B. 9. 20 days
- C. 2 days
- D. Both A and B

Answer: Option B

15. The freight for 75 quintals of goods is Rs. 375. Find the freight for 42 quintals.

- A. US Dollar 210
- B. US Dollar 205
- C. US Dollar 213
- D. US Dollar 220

Answer: Option A

16. 2 men or 3 women can earn US Dollar 192 in a day. Find how much 5 men and 7 women will earn in a day?

- A. US Dollar 922
- B. US Dollar 923
- C. US Dollar 928
- D. US Dollar 950

Answer: Option C

17. John types 450 words in half an hour. How words would he type in 7 minutes?

- A. 105 words
- B. 103 words
- C. 102 words
- D. None of these

Answer: Option A

18. A water tank can be filled in 7 hours by 5 equal sized pumps working together. How much time will 7 pumps take to fill it up?

- A. 6.5 hours
- B. 6.2 hours
- C. 6.1 hours
- D. Both A and C

Answer: Option A

19. If 10 workers, working for 4 hours complete the work in 12 days, in how many days will 8 workers working for 6 hours complete the same work?

- A. 15 days
- B. 10 days
- C. 11 days
- D. 13 days

Answer: Option B

20. A car travels 228 km in 3 hours.

- How long will it take to travel 912 km?
- How far will it travel in 7 hours?
- A. 12 hours, 570 km
- B. 11 hours, 550 km
- C. 10 hours, 560 km
- D. None of these

Answer: Option A

21. A man spends Rs. 2080 in 13 days. How much will he spend in 30 days?

- A. US Dollar 4800
- B. US Dollar 4500
- C. US Dollar 4300
- D. None of these

Answer: Option A

22. A car travels 140 km on 7 litres of petrol. How far would it travel in 3 litres of petrol?

- A. 61 km
- B. 60 km
- C. 62 km
- D. Both A and B

Answer: Option B

23. Carol types 57 words in 3 minutes. How many words would she type in 1 hour?

- A. 1143 words
- B. 1142 words
- C. 1130 words
- D. 1140 words

Answer: Option D

24. A man takes 17 steps to cover 3.4 m distance. In 92 steps how much distance will be covered?

- A. 18.4 meter
- B. 17.4 meter
- C. 16.4 meter
- D. None of these

Answer: Option A

25. 4 bags of rice weigh 120 kg. How many such bags will weigh 600 kg?

- A. 20 bags
- B. 21 bags
- C. 23 bags
- D. 22 bags

Answer: Option A

26. If the weight of 7 sheets of paper is 28 g, find how many papers will weigh 1 .5 kg?

- A. 371 sheets
- B. 372 sheets
- C. 373 sheets
- D. 375 sheets

Answer: Option D

27. 14 workers can dig 9 m long trench in one day. How many workers would dig 27 m long trench of the same type in 1 day?

- A. 40 workers
- B. 41 workers
- C. 42 workers
- D. None of these

Answer: Option C

28. 12 tailors can stitch 15 shirts in a day. How many shirts will be stitched by 28 tailors in a day?

- A. 32 shirts
- B. 33 shirts
- C. 35 shirts
- D. None of these

Answer: Option C

29. Shelly bought a dozen pens for US Dollar 144 Find the cost of 15 such pens. How many pens can be bought for US Dollar 84?

- A. US Dollar 180, 7 pens
- B. US Dollar 150, 7 pens
- C. US Dollar 130, 7 pens
- D. None of These

Answer: Option A

30. The cost of 2 kg of onions is US Dollar 24. What will the cost of 12 kg of onions be?

- A. US Dollar 144
- B. US Dollar 142
- C. US Dollar 143
- D. Both A and B

Answer: Option A

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