Aptitude Week - 6

Total points 2/30

Time & Work, Wages and Pipes & Cisterns.

Full Name *

devi dinesh

Email Address *

devidinesh07@gmail.com

Student ID *

220340320036

Centre *

kHARGHAR

✗ Q.1 0/1

40 men can compute a work in 30 days.They start working together and after every 10 days 5 men left the work,In how much time work will be completed ?

- ○ 36 Days
- ○ 44 Days
- ◉ 39 Days ✗
- ○ 12 Days

Correct answer

- ◉ 36 Days

✓ Q.2 1/1

60 men can complete a work in 40 days,they start work together but after every 10 days 5 men leave the work,In how much time the work will be completed ?

- ◉ 47 1/2 ✓
- ○ 7 1/2
- ○ 57 1/2
- ○ 57

✗ Q.3 0/1

33 men can do a job in 30 days.If 44 men started the work together and after every day 1 person leave the work then what is the minimum number of days required to complete the whole work ?

- 42 Days
- 48 Days
- 44 Days
- 39 Days

✓ Q.4 1/1

Wages of 44 women for 56 days comes to Rs.29568. How many men are needed for 47days to receive Rs. 16920, if the daily wages of a man being 5 times those of a woman ?

- 9 Men
- 8 Men
- 6 Men ✓
- 5 Men

✗ Q.5 0/1

Total wages of 6 men, 4 women and 8 boys is Rs. 26. If the wages of 6 men is equal to that of 8 women and the wages of 4 women is equal to that of 6 boys, then find out the total wages of 8 men, 6 women and 4 boys ?

- ○ Rs. 32
- ○ Rs. 24
- ○ Rs. 25
- ○ Rs. 29

✗ Q.6 0/1

6) 6 men + 8 women computes a work in 10 days while 26 men + 48 women in 2 days. In how many days 7 men + 3 women will completes the work ?

- ☐ 11 13/17
- ☐ 12 13/17
- ☐ 13 13/18
- ☐ 200/18
- ☐ 200/17

✗ Q.7 0/1

A man and a boy received Rs. 1800 as wages for 3 days for a job they did together.The man's efficiency in the work was 5 times that of the boy. What is the daily wages of the boy?

- Rs. 150
- Rs. 10
- Rs. 90
- Rs. 100

✗ Q.8 0/1

Wages of 20 boys for 15 days is Rs 9000. The daily wage of a man is 1.5 times that of a boy. How many men must work for 30 days to earn Rs 13500?

- 8 Men
- 10 Men
- 12 Men
- 18 Men

✗ Q.9 0/1

It takes 20 minutes for pipe A to fill the tank completely and it takes 30 minutes for pipe B to fill the tank completely. If both the inlets are opened together, then how much time will be taken to fill the tank completely?

- 15 Minutes
- 12 Minutes
- 11 Minutes
- 10 Minutes

✗ Q.10 0/1

Two pipes A and B can fill a cistern in 20 and 30 minutes respectively, and a third pipe C can empty it in 40 minutes. How long will it take to fill the cistern if all the 3 pipes are opened at the same time?

- 7 1/7
- 15 1/7
- 17 1/7
- 19 1/7

✗ Q.11 0/1

Two pipes can fill a tank in 10 and 14 minutes respectively and a waste pipe can empty 4 gallons per minute. If all the pipes working together can fill the tank in 6 minutes, what is the capacity of the tank?

- 120 Gallons
- 240 Gallons
- 450 Gallons
- 840 Gallons

✗ Q.12 0/1

An electric pump can fill a tank in 4 hours. Due to leakage in the tank, it took 4(1/2) hrs to fill the tank. If the tank is full, how much time will the leak take to empty the full tank?

- 8 Hrs
- 16 Hrs
- 36 Hrs
- 21 Hrs

✗ Q.13 0/1

If two pipes function simultaneously, the reservoir will be filled in 24 hrs. One pipe fills the reservoir 20 hours faster than the other. How many hours does it take for the second pipe to fill the reservoir?

- 12 Hrs
- 30 Hrs
- 40 Hrs
- 60 Hrs

✗ Q.14 0/1

Two pipes A and B can fill a tank in 24 min and 32 min respectively. If both the pipes are opened simultaneously, after how much time B should be closed so that the tank is full in 18 minutes?

- 8 Min 2 Sec.
- 7 Minutes
- 8 Min
- 7 Mln 5 Sec

✗ Q.15 0/1

Two pipes A and B can fill a tank in 15 hours and 20 hours respectively while a third pipe C can empty the full tank 25 hours. all the three pipes are opened in the beginning .After 10 hours , C is closed .In how much time will the tank be full?

- 12 Hrs
- 13 Hrs
- 16 Hrs
- 18 Hrs

✗ Q.16 0/1

Two pipes A and B can fill a tank in 15 minutes and 20 minutes respectively. Both the pipes are opened together but after 4 minutes, pipe A is turned off. What is the total time required to fill the tank?

- 10 Min 20 Sec
- 11 Min 45 Sec
- 12 Min 30 Sec
- 14 Min 40 Sec

✗ Q.17 0/1

Three pipes A, B and C can fill a tank in 6 hours. After working at it together for 2 hours, C is closed and A and B can fill the remaining part in 7 hours. The number of hours taken by C alone to fill the tank is:

- 10
- 12
- 14
- 16

✗ Q.18 0/1

Two pipes A and B can fill a tank in 16 hrs and 12 hrs respectively. The capacity of the tank is 240 liters. Both the pipes are opened simultaneously and closed after 2 hrs. How much more water need to fill the tank?

- 170 Lit
- 70 Lit
- 90 Lit
- 190 Lit

✗ Q.19 0/1

A and B can do a piece of work in 4 days, while C and D can do the same work in 12 days. In how many days will A, B, C and D do it together?

- 12 Days
- 4 Days
- 3 Days
- 2 Days

✗ Q.20 0/1

A and B can together complete a piece of work in 4 days. If A alone can complete the same work in 12 days, in how many days can B alone complete that work?

- 4 Days
- 5 Days
- 6 Days
- 7 Days

✗ Q.21 0/1

5 persons working eight hours daily can complete a wall in 10 days. When they have worked for 4 days, 5 more persons are brought to work. The wall can now be completed in

- One More Day
- Two More Days
- Three More Days
- Four More Days

✗ Q.22 0/1

A can do a bit of work in 25 days which B can complete in 20 days. Both together labor for 5 days and afterward A leaves off. How long will B take to complete the remaining work?

- 7 Dyas
- 8 Days
- 9 Days
- 11 Days

✗ Q.23 0/1

A can do a piece of work in 12 days. B can do this work in 16 days. A started the work alone. After how many days should B join him, so that the work is finished in 9 days?

- 2 Days
- 3 Days
- 4 Days
- 5 Days

✗ Q.24 0/1

Sakshi can do a piece of work in 20 days. Tanya is 25% more efficient than Sakshi. The number of days taken by Tanya to do the same piece of work is?

- 15 Days
- 16 Days
- 17 Days
- 18 Days

✗ Q.25 0/1

12 Men or 18 women can reap a field in 14 days. The number of days that 8 men and 16 women will take to reap it?

- 7 Days
- 8 Days
- 9 Days
- 10 Days

✗ Q.26 0/1

Anand finishes a work in 7 days, Bittu finishes the same job in 8 days and Chandu in 6 days. They take turns to finish the work. Anand on the first day, Bittu on the second and Chandu on the third day and then Anand again and so on. On which day will the work get over?

- 3
- 7
- 9
- 6

✗ Q.27 0/1

A can do a bit of work in 10 days while B alone can do it in 15 days. They cooperate for 5 days and whatever remains of the work is finished by C in 2 days. On the off chance that they get Rs. 4500 for the entire work, by what means if they partition the cash?

- Rs.1250, Rs. 1200, Rs. 550
- Rs. 2250, Rs. 1500, Rs. 750
- Rs. 1050, Rs. 1000, Rs. 500
- Rs. 650, Rs. 700, Rs. 500

✗ Q.28 0/1

3 men, 4 women and 6 children can complete a work in 7 days. A woman does double the work a man does and a child does half the work a man does. How many women alone can complete this work in 7 days ?

- 6
- 9
- 5
- 7

✗ Q.29 0/1

(x-2) men can do a piece of work in x days and (x+7) men can do 75% of the same work in (x-10)days. Then in how many days can (x+10) men finish the work?

- 27 Days
- 12 Days
- 25 Days
- 18 Days

✗ Q.30 0/1

Three friends A, B and C worked together to complete the work. A takes 4 days more to complete same work done by A and B. Work done by C in 4 days is equal to the work done by A in one day. Work done by B in 3 days is equal to the work done by C in 8 days. Find the time in which work will be completed if all three worked together.

- 120/23 Days
- 110/23 Days
- 130/23 Days
- 140/23 Days