Lesson P1067

Hi,
Another 25 questions for you to solve in 20 minutes. In this
lesson we will cover questions on races. In most of the exams
you will find one or sometimes two questions on races. Every
single question you attempt correctly during the exam takes you
one step closer to a good management institute. If you attempt
all these questions below, the question on races will appear very
simple to you when you see them in the exams. You will be able
to solve these in very short time and thus will be able to save
time for other questions .

Send your answers along with the method used by Saturday.
http://groups.yahoo.com/group/urpercentile/

Q1 to Q3 are based on the following information.
In a car race of 900 Km, car3 beat car2 by 90 Km and Car2 beat
car1 by 100 Km . Car3 reaches the finish point 2 hours before
Car2 and Car2 reaches 2.5 hours before Car1.
Q1. In the 900 Km race, by how many Km will Car3 beat Car1 ?
Q2. The race is extended to 1,200 Km and the respective
speeds of the car remain the same. If the car3 continue to run at
its speed after reaching the finish point , how far will it each from
the finish point when Car1 reaches the finish point ?
Q3. What will be the difference between Car2 and Car1 when
Car3 completes 1200 Km?

Q4 to Q6 are based on the following information.
In a 2100 Km race of three motorcycles, M2 reaches the finish
point 5 hours before M3 and 12 hours before M1. When M3
completes the race M1 still has to go 350 Km to complete the
race.
Q4. In how many hours did M2 complete the race ?
Q5. If the race length is shortened to 1680 Km and the
respective speed remain the same , How many hours before M3
will M2 reach the end point.
Q6. If in 1680 Km race, M2 gives a start of 200 Km to M1, by how
many Km will M2 beat M1 ?

Q7 to Q9 are based on the following information :
Three trains start from city A to city B at the same time on 3
different parallel tracks and travel non stop. T3 travels at the
maximum speed and T1 at the minimum speed. The difference
in speed of T1 and T2 is 10 Km per hour and so is the difference
in the speed of T2 and T3. T3 reaches destination 3 hours
before T2. T2 reaches 4 hours before T1. T1 takes 28 hours to
complete the journey.
Q7. What is the distance to be covered ?
Q8. What is the speed of T2 ?
Q9. If the trains have to cover a distance of 2520 Km at their
respective speed, how many hours extra will T1 take compared
to T2?

Q10. A distance of 360 Km is to be covered in a race in which 5

people are participating. The person who was last took 4.5 Hours. The person who won the race had a speed 25 % more than the one who stood last. How many Km did the last person had to cover when the winner reached the finish point?

Q11 and Q12 are based on the following information
In a 6,600 Mt race B gives a start of 150 to C and beats him by 400 Mt. In the same race B also gives a start of 500 Mt to A and beat him by 600 Mt. A whose speed is 50 Mt / minute , reaches the finish point 12 minutes after B.
Q11. What is the speed of B.
Q12. If in a separate race where only A and C participate in a 1650 Mt race , who will win and by how many Minutes ?

Q13. In a 990 M race, the winner takes 9 minutes to complete the race, the runner up is beaten by 90 mt. The person in the third position is 90 M behind the runner up when the winner completes the race. By how many Mt will the runner up beat the person in the third position?

Q14. In a 840 Km race the winner completes the race is 10.5 hours. After he completes the race he continues to drive and reaches 120 Km ahead at the same speed by the time the last person completes the race. How many Km was the last person behind the winner when the winner completed the race, if the speed of the last person is 10 Km/hr less than the winner?

Q15. In a 1200 Mt race, C gives a start of 100 Mt to A and beats him by 300 Mt. At the same time C gives a start of 40 Mt to B and beats him 200 Mt. If C completes the race in 16 minutes , what will be the time difference in completion of race by A and B if they were to complete the full 1200 Mt ?

Q16. In a 4800 Mt race B gives a start of 50 Mt to C and beats him by 250 Mt. In a separate race of 4800 Mt C gives a start of 160 Mt to A and beats him by 800 Mt. If B takes 60 Min to complete 4800 Mt, by how many Mt will C beat A in a 2100 Mt race if C gives A a start of 400 Mt ?

Q17. In a 2850 Mt race A gives a start of 100 Mt to B and beats him by 250 Mt. At the same time A gives a start of 475 Mt to C and there is a tie between A and C. If it took C 25 minutes to complete the race, what is the speed of B.

Q18 and Q19 are based on the following information
In a 1050 M race B can beat C by 150 M and can beat A by 300 M. In 1470 M race, C takes 70 minutes more to cover the second race compared to the time taken by him for the first race of 1050 M.
Q18. By how many M will C beat A in 1470 M race.
Q19. By how many M will B beat A in 1470 race.

http://groups.yahoo.com/group/urpercentile/

MATCH THE WORDS IN SET A WITH THEIR MEANINGS IN SET B

SET A :
20. Squander, 21. Quibble, 22. Diffidence, 23. Egalitarian,
24.Nebulous, 25. Lugubrious.

SET B:
A. To waste money on unnecessary things.
B. Person belonging to rich class.
C. To argue over unimportant things.
D. Not clear or distinct hence vague.
E. Not obeying seniors.
F. Believing that all people should have equal rights and
opportunities.
G. Mournful, excessively sad and gloomy.
H. Cutting of trees for wood .
I. To loiter.
J. To free someone from restrictions or bondage.
K. Lack of self confidence.