Hi,
Another 24 questions for you to solve in 20 minutes. Send your
answers by 8th June 04.

Q1 to Q5 are based on the following information :

The goods when arrived at a certain port need to be cleared and
taken into custody by consignee within 3 days of arrival. For first
three days there are no demurrage charges. After the third day of
arrival if the goods are not cleared, the demurrage charges are
as below.
1. For a 40 Foot container it is 1000 per day for the first 7 days of
delay. After that the charges increase at the end of every 7th day
by Rs. 1000 a day, in other words the charges from 8th day are
2000 a day , from 15th day are 3000 a day and so on.
2. For a 20 foot container, the demurrage charges are 600 a day
for the first 7 days of delay and it increase by Rs 600 after every
7th day as in the first case.

Q1. What would be the charges to be paid by a company which
has its two 40 foot container and one 20 foot container cleared
after 11 days of arrival?

Q2. A company has a 40 foot container arrived at port which
need to be sent to a client after 10 days. The cost of transporting
the container from the port to the company's warehouse is Rs.
20,000 and to send it to the client from company's warehouse is
15,000. If the container is sent directly to the client from the port,
the charges are 25,000. What is the minimum amount that the
company has to spend till the container is delivered to the client?

Q3. Which one of the following will have the least demurrage
charges?
1. Three 40 foot container cleared after 25 days of arrival.

2. Two 40 foot container cleared after 22 days and four 20 foot
container cleared after 10 days of arrival.

3. One 40 ft container cleared after 43 days of arrival.

4. Two 20 foot containers cleared after 40 days of arrival.

Q4. A company has two warehouses at different locations A and
B . Cost of storing a 20 foot container at A is 300 a day and cost
of storing the container at B is 100 a day. A container arrived at
port today need to be stored for 20 days before it can be sent to a
client. The company may leave the container at the port and pay
the demurrage charges or may transport it to one of its
warehouse before sending it to the client. The transportation
cost of the container from the Port to A is 2000, from port to B is
3000 , and from any of the two port to the client is 5000. What is
the minimum the company would have to spend in storing the
container and transporting till it is delivered to the client?

Q5. Which one of the following will have the maximum

demurrage charges

1. Four 40 foot container cleared after 15 days of arrival.

2. Three 40 foot container cleared after 12 days and one 20 foot container cleared after 15 days of arrival.

3. Three 40 ft container cleared after 20 days of arrival.

4. Three 20 foot containers cleared after 35 days of arrival.

Q6. What is smallest number that 182613200 should be divided by to get the quotient as perfect square ?

Q7. What is smallest number that 16669800 should be divided by to get the quotient as perfect square ?

Q8 to Q 10 are based on the following information :

A bus rental company charges Rs 10,000 for a trip from city A to city B and to return back from B to A on the same day. Rs 1,000 extra is charged for each day of stay at B. The distance between A and B is 200 Km. The driver of the bus is paid Rs 800 for the trip from A to B and back and Rs 250 for each night of stay at B. Diesel costs Rs 25 per Litre and 1 litre can run for 5 KM.

Q8. How much the company will make from a deal where the bus is offered to a client to go from A to B and return after a 2 night stay at B.

Q9. If the company make 10,950 from a client, for how many nights did the bus stay at B ?

Q10. If the bus was bought for Rs 3,78000 , how many trips of 3 night stay at B are required to recover the cost of the bus.

Q 11 and Q 12 are based on the following information :
Certain phone company charges Rs 1 for each outgoing call per minute. After 500 minutes of usage , the call charges reduce to 80 paise per minute for the next 500 minutes after which it reduces to 60 paise per minute. A 10 % tax is charged on the final amount.

Q11. If a customer pays Rs. 1,122 as his phone bill, how many minutes did he call in total ?

Q12. If I paid Rs. 114 as tax , how many minutes did I call in total ?

Q13 to Q 16 are based on the following information :
Three people P,Q and R joined a company with different salary
structure. P started with a salary of Rs 4000 and was promised
an increment of Rs 400 after every 6 months. Q started with a
salary of 5500 and was promised a increment of 300 after every
6 months. R started with a salary of 6000 and was promised a
increment of Rs 200 after every 6 months.

Q13. After how many months of their joining will Q's salary be
more than R's salary ?

Q14. What will be the salary of R for the month when P and Q
are paid equal amount ?

Q15. Who will be the first one to get more than Rs 8,000 per
month ?
Q16. How much more will be Q getting than R when the
condition " P's salary >Q's Salary >R's salary " reaches for the
first time ?

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

Q17. Arrange the following in ascending order 5/13, 11/19, 13/
21, 7/15.

Q18. Arrange the following in descending order 6/11, 13/18,
14/19, 8/13 .

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

SET A: 19. Sibilance 20. Homiletics 21. Eschew, 22.
Decadence, 23 Expectorate , 24 Gyrate

SET B:
A. To revolve around something in circular or spiral motion.
B. To cough up and spit forth or phlegm .
C. Decline of morals in a society.
D. Art of preaching sermons.
E. To throw water at somebody.
F. To avoid doing or using something.
G. That may be read with ease.
H. Producing hissing sound.
I. To select the best option.
J. Able to use both the hands equally well .