From height of 8mts a ball fell down and each time it bounces half the distance back.What will be the distance travelled?

1. Data sufficiency. there were about 15 questions of the type A question is given with 2 options. U have 2 conclude ans can be determined by only option 1 or 2 or both or both r insufficient.

2. Data interpretation. This was dam tough. U have to manipulate a graph and answer about 12 questions. there were also the questions on graphs and tables.

3. Contractor has 2 complete work within a fixed time. If he is late he has to pay fine. The first day it is Rs 200 and from then on it increases by 25 per day. He has to pay Rs 9450. How many days he got late.

Ans is 21.

4. Sphere of diameter 6 cm is melted to form a cone with diameter 12 cm. Find height of cone.

5. Shakuntala devi sum of the number of glasses received intact.

6. Sum on Cisterns, Pipes a, B and C r there a and b can fill the tank in 4 and 5 hours respectively. C can empty tank in 2 hours. If the pipes were opened at 1.00 and 2.00 am successively by what time will the tank be empty.

7. a question on cost of painted area.

8. A brick size is 8" x 6". An L shaped wall has to be built with width of 4, other two dimmensions are 21 and 7. Find no of Bricks reqd.

9. Ratio of base and heights of a cone and cylinder is given. Find ratio of their curved surfaces.

Q. A man leaves office daily at 7pm A driver with car comes from his home to pick him from office and bring back home

One day he gets free at 5:30 and instead of waiting for driver he starts walking towards home. In the way he meets the car and returns home on car He reaches home 20 minutes earlier than usual. In how much time does the man reach home usually??

Ans. 1hr 20min

Q. The following truth table is given What is Y equal to??

A

B

C

Y

0

0

0

1

0

0

1

1

0

1

0

0

0

1

1

0

1

0

0

0

1

0

1

0

1

1

0

1

1

1

1

1

Ans. (A')(B')(AB) , where ' stands for complement.

Q. A works thrice as much as B. If A takes 60 days less than B to do a work then find the number of days it would take to complete the work if both work together?

Ans. 221/2days

Q. How many 1's are there in the binary form of 8*1024 + 3*64 + 3

Ans. 4

Q. In a digital circuit which was to implement (A B) + (A)XOR(B), the designer implements (A B) (A)XOR(B)

What is the probability of error in it ?

Q. A boy has Rs 2. He wins or loses Re 1 at a time If he wins he gets Re 1 and if he loses the game he loses Re 1.He can loose only 5 times. He is out of the game if he earns Rs 5. Find the number of ways in which this is possible?

Ans. 16

Q. If there are 1024*1280 pixels on a screen and each pixel can have around 16 million colors Find the memory required for this?

Ans. 4MB

Q. On a particular day A and B decide that they would either speak the truth or will lie. C asks A whether he is speaking truth or lying? He answers and B listens to what he said. C then asks B what A has said B says "A says that he is a liar"What is B speaking ?

(a) Truth

(b) Lie

(c) Truth when A lies

(d) Cannot be determined

Ans. (b)

Q. What is the angle between the two hands of a clock when time is 8:30Ans. 75(approx)

Q. A student is ranked 13th from right and 8th from left. How many students are there in totality ?

Q. A man walks east and turns right and then from there to his left and then 45degrees to his right.In which direction did he go

Ans. North west

Q. A student gets 70% in one subject, 80% in the other. To get an overall of 75% how much should get in third subject.

Q. A man shows his friend a woman sitting in a park and says that she the daughter of my grandmother's only son. What is the relation between the two

Ans. Daughter

1. Factorize y**2 + 8y - 48 =0

Ans. (y+12) (y-4)

2. 1,40,00,000 pencils are put up straight. all the pencils are of length range 3 to 6 inches. 80% of the pencils have average of five inches. so the find out the total length spanned by the pencils.

Ans. 1000 to 1500 miles.

3. boys are not girl . Jill is not a girl

ans Jill is not a girl.

4. Price of cotton today is 50 corore what will it be after 100 years

ans c) unknown

5. if ELECTRICITY - GAS =100

then JACK - JILL = ?

6. 8 man work for 6 days to complete a work. How many men are required to complete same work in 1/2 day. Ans. 96 men.

7. a man is running around a rectangle it takes time 2 time in travelling lenth than travelling width total perimeter = 300 find area

ans 5000

8. A man drives at a speed of 40 miles/hr. His wife left 30 mins. late with 50 miles/hr speed. when will they meet ?

Ans. 2 hours

9. A farmer walks at constant speed on the perimeter of his rectangular field. it takes him twice the time to cover longer side than shorter side. if he walks total 300 m . then find out the area of field?

Ans. 5000 sq.m

10. There were some questions on series :

21, 463, 687, 238, 1134, ---- Ans. 297

0, 6, 24, 120, 210, ---, ----

11. REPUBLICAN = 108 so DEMOCRATE = ? (it is diffcult. i made guess on 84)

12. if ELECTRICITY - GAS =100 then JACK - JILL = ?