

**1. D - D****2. B - Wednesday**

3rd day from Monday = Thursday  
so tomorrow is Thursday and hence today is Wednesday

**3. B - 4**

Sum of all the numbers in each figure is equal to 17

**4. D - 54**

The sequence can be broken into two sequence as below:  
2, 2x3, 2x3x3, ? (odd placed numbers)  
5, 5x2, 5x2x2, 5x2x2x2 (even placed numbers)  
Hence answer will be next term of first sequence and is equal to  $2 \times 3 \times 3 \times 3 = 54$

**5. B - 64053**

TODAY = 29643; T = 2, O = 9, D = 6, A = 4, Y = 3;  
FIRST = 10578; F = 1, I = 0, R = 5, S = 7, T = 8;  
Hence DAIRY = 64053

**6. C - TUESDAY**

Weekly holiday is SUNDAY which is called as TUESDAY

**7. A - 4th**

The new series will be B,C,D,F----Hence position of F will be 4th

**8. B - 11**

1st figure = 2 circles  
2nd figure = 3 circles  
3rd figure = 4 circles  
.  
.  
10th figure = 11 circles

**9. C - c**

The second image of figure I is rotated by 45 degree and colour changes to red from blue.  
If same relationship is applicable for figure II, the solution will be again a circle (circle rotated by 45 degree is again a circle) with red colour.

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**10. C - c**

All figures consists of one circle and one square except option c which have got 2 circles and one square.

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**11. A - A**

Cone has 1 flat surface which is a circle and 1 curved surface.

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**12. C - C**

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**13. A - 13872**

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**14. B - 5830 meters**

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**15. A - 9**

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**16. B - 45**

Greatest sale was on Sunday = 30.  
Sale on Monday 15.  
Sum  $15 + 30 = 45$ .

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**17. A - 20**

Greatest sales day = 30.  
Least sales day = 10.  
Difference =  $30 - 10 = 20$ .

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**18. B - Rs 100**

Price of 5 Kg apples =  $5 \times 75 = \text{Rs } 375$ .  
He gave Rs 500 to shopkeeper.  
Shopkeeper returned 25. He kept Rs 475. He kept Rs 100 for 1 Kg tomatoes.  
Price of 1 Kg tomatoes = 100

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**19. C - =**

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**20. B - 26**

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**21. C - 8**

One can buy 6 chocolates with Rs 30

Also he will get 2 chocolates free (1 free with 3 )

So total chocolates = 8

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**22. B - 148**

$$P = 999/3 = 111$$

$$Q = 111/3 = 37$$

$$P + Q = 148$$

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**23. C - 3/10**

The start is divided into 10 big size triangles and 10 small size triangles. Out of these 3 big size triangles and 3 small size triangles are shaded. So we can say that 3/10 is shaded.

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**24. B - 1950 ml**

$$1 \text{ litre} = 1000 \text{ ml}$$

$$2 \text{ litre} = 2000 \text{ ml}$$

$$50 \text{ ml is taken out so left over} = 2000 - 50 = 1950 \text{ ml.}$$

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**25. C - 10-02-2012**

Leap year between 2011 and 2015 is 2012

2nd month is February

Least 2 digit even number is 10

So birth date is 10th Feb 2012

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**26. B - 53000 gms**

Days in June = 30.

$$\text{Weight lost over 30 days} = 100 \times 30 = 3000 \text{ gms} = 3 \text{ Kg}$$

$$\text{His initial weight} = 50 + 3 = 53 \text{ Kg or } 53000 \text{ gms.}$$

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**27. B - 40**

$$5 \text{ oranges money} = 4 \text{ apples}$$

$$50 \text{ oranges money} = 40 \text{ apples}$$

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**28. A - 2**

$$P = 98$$

$$Q = (100/2) - 1 = 49$$

$$P/Q = 2$$

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**29. D - 12**

Number =  $21 \times 4 = 84$

Quotient when 84 is divided by 7 = 12

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**30. A - A-3, B-1, C-4, D-2**

All lights are rays like sunrays, candlelight or bulb's light.

As the edge of the carpet is of fixed length it is a line segment.

The universe is expanding in both directions so it is a line.

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**31. C - 26th Feb**

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**32. C - 2665**

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**33. D - 900 ml**

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**34. A - 2:05 pm**

The train started from station at 10:45 am ( 45 minutes delayed start)

Normally it take 3 hours 30 minutes to reach station B ( 10:00 am to 1:30 pm)

But it increases its speed to reduce the time by 10 minutes and hence takes 3 hours 20 minutes to reach station B.

So the train will reach at 2:05 pm

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**35. D - 3852**

1.  $A = 100 - 97 = 3$

2.  $B = 8$

3.  $C = 8 - 3 = 5$

4.  $D = 2$  ( Tens place digit of 121)

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