1. $\mathbf{D}-\mathrm{D}$

## 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:
$2,2 \times 3,2 \times 3 \times 3$, ? (odd placed numbers)
$5,5 \times 2,5 \times 2 \times 2,5 \times 2 \times 2 \times 2$ (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 $=29643 ; \mathrm{T}=2, \mathrm{O}=9, \mathrm{D}=6, \mathrm{~A}=4, \mathrm{Y}=3$;
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
3 rd 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.
10. C-c

All figures consists of one circle and one square except option c which have got 2 circles and one square.
11. $\mathbf{A}-\mathrm{A}$

Cone has 1 flat surface which is a circle and 1 curved surface.
12. C-C
13. A-13872
14. B-5830 meters
15. A-9
16. B-45

Greatest sale was on Sunday $=30$.
Sale on Monday 15.
Sum $15+30=45$.
17. A-20

Greatest sales day $=30$.
Least sales day $=10$.
Difference $=30-10=20$.
18. $\quad$ B-Rs 100

Price of 5 Kg apples $=5 \times 75=$ 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 $=100$
19. $\mathrm{C}-=$
20. B-26
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 $=8$
22. B-148
$P=999 / 3=111$
$\mathrm{Q}=111 / 3=37$
$P+Q=148$
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.
24. B-1950 ml

1 litre $=1000 \mathrm{~m}$
2 litre $=2000 \mathrm{ml}$
50 ml is taken out so left over $=2000-50=1950 \mathrm{ml}$.
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

## 26. B-53000 gms

Days in June $=30$
Weight lost over 30 days $=100 \times 30=3000 \mathrm{gms}=3 \mathrm{Kg}$
His initial weight $=50+3=53 \mathrm{Kg}$ or 53000 gms .
27. B-40

5 oranges money $=4$ apples
50 oranges money $=40$ apples
28. A-2
$P=98$
$\mathrm{Q}=(100 / 2)-1=49$
$\mathrm{P} / \mathrm{Q}=2$
29. D - 12

Number $=21 \times 4=84$
Quotient when 84 is divided by $7=12$
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
31. C - 26th Feb
32. C-2665
33. $\mathrm{D}-\mathbf{9 0 0} \mathrm{ml}$
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
35. D-3852

1. $A=100-97=3$
2. $B=8$
3. $C=8-3=5$
4. $\mathrm{D}=2$ ( Tens place digit of 121 )
