

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, 2×3 , $2 \times 3 \times 3$, ? (odd placed numbers)
5, 5×2 , $5 \times 2 \times 2$, $5 \times 2 \times 2 \times 2$ (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; 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.

10. C - c

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

11. A - 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. 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

19. 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

$$P = 999/3 = 111$$

$$Q = 111/3 = 37$$

$$P + Q = 148$$

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

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

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

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

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.

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

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

27. B - 40

5 oranges money = 4 apples

50 oranges money = 40 apples

28. A - 2

$$P = 98$$

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

$$P/Q = 2$$

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. D - 900 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. $D = 2$ (Tens place digit of 121)
