

1. D - TENTH

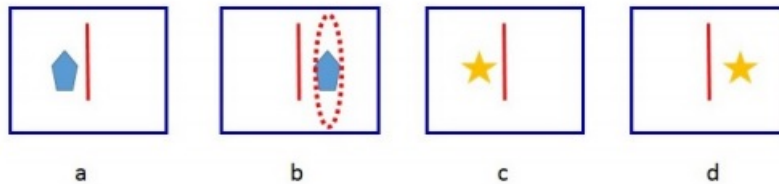
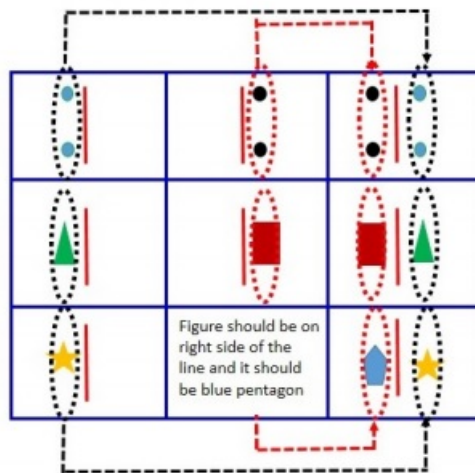
TENTH has letter N which is not present in ATHELETICS

2. B - b

Refer figure:

Each of the row follows following rule:

- i) The image on the left side of redline in the first figure moves towards right side of redline in the third figure
- ii) The image on the right side of redline in the second figure moves towards left side of redline in the third figure



3. B - b

4. D - d

Diagonally opposite pairs in figure I interchange their positions to become figure II

5. D - 1,2,4,1

6. B - b

In each successive figure the dotted red line is rotating 90 degree in clockwise direction whereas circular figure is rotating 45 degree in clockwise direction.

**7. C - 16**

Since MULTIPLY is called as SUBTRACT;  
 $20 \text{ MULTIPLY } 4 = 20 \text{ SUBTRACT } 4 = 20 - 4 = 16$

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**8. C - BOTTOM**

In dictionary words are arranged alphabetically;  
In all the options provided BO is common so we will start from third alphabet;  
BOATING and BOAST will come ahead of BOTTLE and BOTTOM as T comes after A in alphabetical sequence;  
BOTT is common in both BOTTLE and BOTTOM so we will compare next alphabet of these words;  
Since L comes ahead of O so BOTTLE will come ahead of BOTTOM in the dictionary;  
Hence BOTTOM will be last in the sequence

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**9. C - c**

Each figure have got 1 straight line (Red), 1 curve line (green) and one circular arc (blue) except option c which have got only curved line and circular arc

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**10. A - Thursday**

If 3rd is Saturday then 10th and 17th June will also be Saturday (7 days a week); Hence 15th June will be Thursday.

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**11. C - 790**

Digit at hundred's place is 7 as its successor is 8.  
Digit at ten's place is 9 because it the biggest single digit number.  
Digit at unit's place is 0 as it is the smallest single digit number.  
Thus number is 790.

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**12. B - >**

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**13. B - 4995**

Place value of 7 in 78996 is 70,000.  
Face value of 5 in 23450 is 5.  
Result of addition =  $70,000 + 5 = 70,005$ .  
Difference between 75,000 and 70,005 is  $75,000 - 70,005 = 4995$ .

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**14. B - 999700**

Largest 4 digit number = 9999.  
2 less than largest 4 digit number =  $9999 - 2 = 9997$ .  
Smallest 3 digit number = 100.  
Product =  $100 \times 9997 = 999700$

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**15. B - CDXIX**

Two lesser values should not be immediately before a greater value in roman numbers

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**16. B - 1**

Ravi = 27 chocolates.

Amit = 27 + 18 chocolates

Sumit = 27 - 14 chocolates

Total = 27 + 27 + 18 + 27 - 14 = 85 chocolates.

85 chocolates are to be divided equally among the 3 friends =  $85/3$ .

Each friend will get 28 chocolates and 1 chocolate will be left as remainder.

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**17. B - B**

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**18. C - Sheena**

Sheena is arguing incorrectly because 27 is not a multiple of 6.

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**19. B - B**

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**20. B - 96 cm**

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**21. C - 5/8**

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**22. B - 5**

Least sale was on Wednesday = 10.

Sale on Monday 15.

Difference  $15 - 10 = 5$ .

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**23. B - 17**

Total sales over the week = 130.

Books left after sales =  $147 - 130 = 17$

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**24. C - 11:15 AM**

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**25. A - 9 Kg 100 gms**

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**26. C - 12 years**

Age of Priya =  $35 - 28 = 7$  Years.

Age of Deepti =  $7 + 5 = 12$  Years.

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**27. A - 32 cm**

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**28. D - 10**

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**29. D - D**

A, B and C have the same perimeters.

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**30. B - B**

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**31. A - Rs 50**

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 2 Kg tomatoes.

Price of 1 Kg tomatoes =  $100/2 = \text{Rs } 50$

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**32. D - 19/50**

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**33. B - 4**

283 candies if distributed among 7 =  $283/7 = 40$  candies with 3 candies remaining.

3 candies cannot be distributed among 7 persons. 4 more candies are required to make it atleast 7 so that each one gets 1 candy more.

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**34. D - 900 ml**

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**35. C - X = 6 and Y = 9**

Product of 2 numbers = LCM X HCF.

Product of X and Y =  $3 \times 18 = 54$ .

$6 \times 9 = 54$ .

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