

Logical Reasoning Sample Test Class-1

Total-Question:15

Time:15.0 Mins

PATTERN & MARKING SCHEME	
Section	(1) Logical Reasoning Sample Test Class-1
No. of Questions	15
Marks per Ques.	1

Logical Reasoning Sample Test Class-1

Q 1.

Complete the figure pattern shown below.



- A
- B
- C
- D

Q 2.

Identify the shortest thread.

- A
- B

C



D



Q 3.

Choose the missing shape in the given clock.



A

Circle

B

Triangle

C

Square

D

Rectangle

Q 4.

Find the odd one out.

A



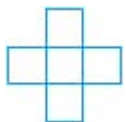
B



C

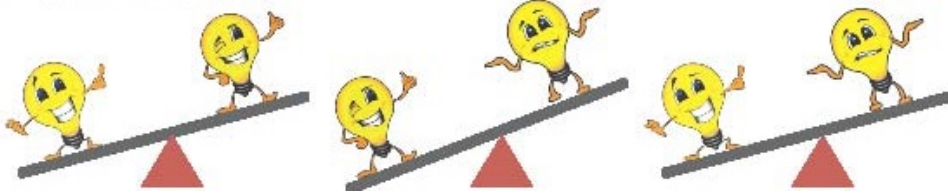


D



Q 5.

_____ is the heaviest.



D Can't determine

Q 6.

_____ cherries are on the tree and _____ cherries are under the tree.



A 20, 11

B 20, 14

C 18, 16

D 20, 12

Q 7.

There are _____ equal groups of 4 butterflies.



A 4

B 6

C 8

D 5

Q 8.


Select the incorrect match.

SHAPE OBJECT

A Circle 

B Square 

C Triangle 

D Rectangle 

Q 9.

_____ replaces the question mark (?) in the given number pattern.



A 40

B 30

C 25

D 35

Q 10.

If P buys the ticket for R, then _____ girls are standing behind R.



A 4

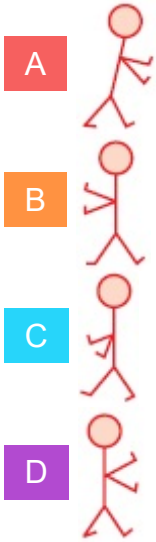
B 5

C 6

D 3

Q 11.

Find the odd one out.



Q 12.

Count the number of triangles in the figure.



A 10

B 11

C 12

D 13

Q 13.

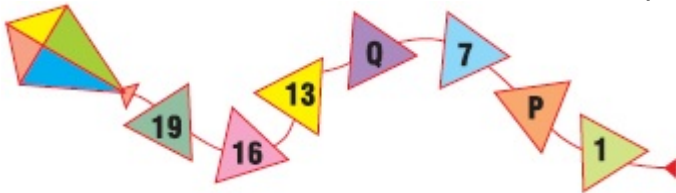
Which is the tallest?





Q 14.

Find the value of P and Q in the number pattern.



- A 2, 8
- B 3, 10
- C 3, 8
- D 4, 10

Q 15.

Which is the fifth letter from the right end in the given word?
S U N F L O W E R S

- A O
- B W
- C F
- D L

Answers

Solutions:

S 1.

Check the pattern of fruits. The pattern is being repeated after every 4 fruits.

1st is apple. 2nd is strawberry, 3rd is orange, 4th is pineapple.

So, First ? is pineapple. Second ? is apple.

So, B is the correct answer.

S 2.

Thread A has the least number of loops.

So, when they are straightened, the thread will be the shortest.

Hence, A is the right answer.

S 3.

Numbers 1, 4, 7, 10 are given in squares.

Numbers 2, 5, 8, 11 are given in circles.

Numbers 3, 6, 9, 12 are given in triangles.

But there are no rectangles.

So, the right answer is D.

S 4.

Option A, B and C show two different shapes overlapping in each given figure.

But Option D shows same two shapes - two rectangles - overlapping in the given figure.

So, Option D is the odd one out.

S 5.

Lets name the three figures as A, B, and C as they appear on the seesaw.

Image 1 -Figure A is heavier than B

Image 2 - Figure B is heavier than C

Therefore, figure A is the heaviest.

S 6.

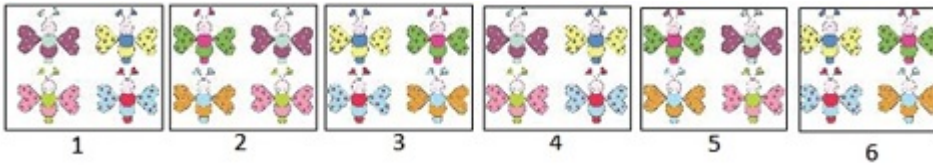
There are 10 pairs of cherries on the tree. So, $10 + 10 = 20$.

There are 6 pairs of cherries under the tree. So, $6 + 6 = 12$.

So, right answer is Option D.

S 7.

Mark the butterflies in sets of 4.



So, we can see from the figure, there are 6 sets.
Hence, Option B is the correct answer.

S 8.

In Option B, the Object given is a Rectangle, which does not match with the Shape Square.

So, the right answer is Option B.

S 9.



$$5 + 5 = 10 \quad 10 + 5 = 15 \quad 15 + 5 = 20 \quad 20 + 5 = 25$$

So, Option C is the correct answer.

S 10.

There are 7 people standing behind R.

S - is a Girl

T - is a Boy

U - is a Boy

V - is a Boy

W - is a Girl

X - is a Girl

Y - is a Boy

So, there are 3 Girls behind R. Hence, the correct option is D.

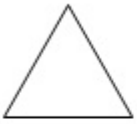
S 11.

The stick-figures in Option A, Option C and Option D are going somewhere. Their feet are turned either left or right. Their hands are also in that direction. That means they are moving in that direction. But the stick-figure in Option B is standing at one place. One foot is in one direction, other one is in other direction. So, B is just standing there at one place.

That means Option B is the odd one out.

S 12.

A triangle is a plain enclosed shape with three sides.



Let's check the given picture and mark the number of triangles.



There are 10 triangles. That means Option A is the right answer.

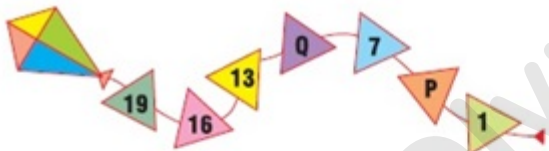
S 13.

Let's check the options and consider which one can be tallest:

- (A) Potted Plant
- (B) Baby
- (C) Book
- (D) Building Of all the above, a building will be the tallest.

So, Option D is the right answer.

S 14.



Check the last three numbers – 19, 16, 13

We see that there is a difference of 3 between these numbers.

$$19 - 3 = 16 - 3 = 13$$

That means the same pattern will be followed in following numbers too.

$$\text{So, } Q = 13 - 3 = 10$$

$$\text{Then, the next number is } 10 - 3 = 7$$

$$\text{So, } P = 7 - 3 = 4$$

$$\text{Then, the next number is } 4 - 3 = 1$$

$$\text{So, } P = 4, Q = 10$$

Hence, Option D is the right answer.

S 15.

Let's count five letters from the right.

S U N F L O W E R S (Right)

5 4 3 2 1

O is the fifth letter from the right. That means Option A is the right answer.

SOF Olympiad Trainer