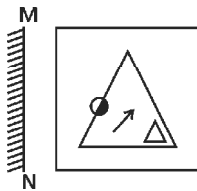# 1st
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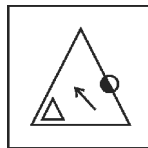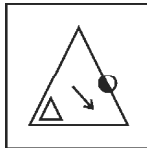## International Reasoning & Aptitude Olympiad

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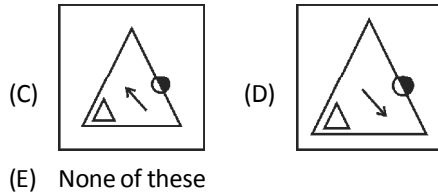**SILVERZONE FOUNDATION**
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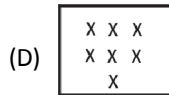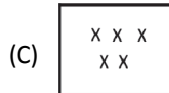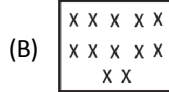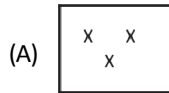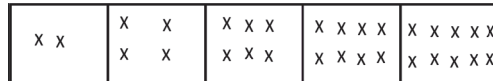
CLASS : 6 (SYLLABUS & SAMPLE QUESTIONS)

Analogy, Blood Relation, Direction Test, Coding-Decoding, Letter Series, Number Series, Time and Clock, Non-Verbal, Number System, Algebra, Geometry, Mensuration, Data Handling.

The Actual Question Paper Contains 50 Questions. The Duration of the Test Paper is 60 Minutes.

1. If 'Actor' is related to 'Actress' then, 'Grandfather' is related to which of the following options?

(A) Father   (B) Mother
(C) Uncle   (D) Grand mother
(E) None of these

2. Reena said, "The man going on the road is my mother's husband". How is the man related to Reena?

(A) Brother   (B) Son
(C) Father   (D) Uncle
(E) None of these

3. Rahul started walking straight towards East. He walks a certain distance and then turns his right and walks again. Find the direction he is walking now.

(A) North   (B) East
(C) South   (D) West
(E) None of these

4. In a certain code language, '3' is coded as 'Z'. '4' is coded as 'Y', '5' is coded as 'X', '6' is coded as 'W' and '7' is coded as 'V'. Find the code for '5734'.

(A) XVZY   (B) YZVX
(C) ZVXY   (D) VZXY
(E) None of these

5. What comes in place of the question mark (?) ?

T C V B X A ?

(A) Y   (B) N
(C) Z   (D) W
(E) None of these

6. What comes next in the given series?

20, 19, 17, 14, 10, _____

(A) 4   (B) 3
(C) 5   (D) 1
(E) None of these

7. Find the mirror image of the given figure. The mirror may be represented by a line MN.
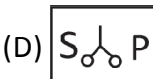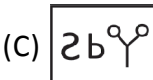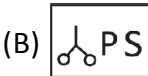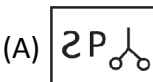
(C)   (D)

(E) None of these

8. Which of the following will be the 6th figure of the given series?

X X	X X X X	X X X X X X	X X X X X X X X	X X X X X X X X X X

(A)
```
X   X
  X
```

(B)
```
X X X X X
X X X X X
  X X
```

(C)
```
X X X
  X X
```

(D)
```
X X X
X X X
  X
```

(E) None of these

9. What is the water image of the figure given inside the box?

(A)

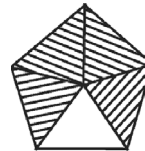(B)

(C)

(D)

(E) None of these

10. If 'Duck' is related to 'Duckling' then which of the following is related to 'Chicken'?

(A) Horse   (B) Lion
(C) Cock   (D) Ass
(E) None of these

11. In a certain code language if 'Cow' is called 'Goat'; 'Goat is called 'Lion'; 'Lion' is called 'Dog', then which of the following animals is the king of forest?

(A) Lion
(B) Dog
(C) Cow
(D) Goat
(E) None of these

12. In the following picture, some parts of picture are shaded and some are not. What part of the picture is unshaded?

(A) $\dfrac{2}{5}$

(B) $\dfrac{1}{5}$

(C) $\dfrac{3}{5}$

(D) $\dfrac{4}{5}$

(E) None of these

13. Find the measurement of A if B and C are given when A, B and C are the angles of the triangle.

(A) $A = 180° - (B + C)$
(B) $A = 180° + (B - C)$
(C) $A = 180° + C - B$
(D) All of these
(E) None of these

Direction: *Question 14 and 15 are based on the following pictograph. The pictograph shows the number of balls sold by a shopkeeper on different days of a week.*

Scale: = 8 balls

Day	No. of balls sold
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

14. **On which day the maximum number of balls were sold by the shopkeeper?**
    (A) Monday
    (B) Tuesday
    (C) Thursday
    (D) Friday
    (E) None of these

15. **How many balls were sold on Tuesday?**
    (A) 16 balls
    (B) 24 balls
    (C) 32 balls
    (D) 40 balls
    (E) None of these

ANSWERS									
1. (D)	2. (C)	3. (C)	4. (A)	5. (C)	6. (C)	7. (A)	8. (B)	9. (C)	10. (C)
11. (B)	12. (B)	13. (A)	14. (C)	15. (B)					