

SAMPLE PAPER**CLASS : 6**

Total Questions : 60

Duration : 2 Hrs.

Paper Pattern					
Section	(A) Physics	(B) Chemistry	(C) Biology	(D) Mathematics	(E) Logical Reasoning & IQ
Number of Questions	7	6	7	30	10

Marking Scheme: +4 For Correct Answer (There is no negative for wrong answer)**Syllabus**

Section A – • Motion and Measurement of Distances • Light, Shadows and Reflections

Section B – • Fibre to Fabric • Sorting materials into Groups

Section C – • Food : Where does it come from? • Components of food

Section D – • Knowing our Numbers • Whole Numbers • Playing with Numbers • Basic Geometrical Ideas • Integers

Section E – • Series : Number, Alphabet and Letter repeating series • Direction sense • Mirror & Water Image • Ranking and Ordering

• Mathematical Operation • Paper Folding and Cutting

Instructions :

1. This Booklet is your **Question Paper**. DO NOT break seal of Booklet until the invigilator instructs to do so.
2. The Answer Sheet is provided to you separately which is a machine readable **Optical Response Sheet (ORS)**. You have to mark your answer in the ORS by darkening bubble, as per your answer choice, by using **Black/Blue** ball point pen only.
3. If you are found involved in cheating or disturbing others then your ORS will be cancelled.
4. Do not put any stain on ORS and hand it over back properly to the invigilator.
5. You can take along the question paper after test over.

Note: This is a Sample Paper and Actual Question Paper Contains 60 Questions.



SECTION – A : PHYSICS

1. Match the types of motion in Column I with the events related to motion in Column II :

Column-I

- (P) Rotational motion
(Q) Oscillatory motion
(R) Revolutionary motion
(S) Rectilinear motion

Column-II

- (i) Motion of earth on its axis
(ii) Motion of earth around the sun
(iii) Motion of a car on a straight path
(iv) Motion of a swing

[Motion and Measurement of Distances]

- (A) (P) → (i); (Q) → (ii); (R) → (iii); (S) → (iv)
(B) (P) → (ii); (Q) → (iv); (R) → (i); (S) → (iii)
(C) (P) → (i); (Q) → (iv); (R) → (ii); (S) → (iii)
(D) (P) → (iv); (Q) → (ii); (R) → (i); (S) → (iii)

SECTION – B : CHEMISTRY

2. A student noted down the following traits of two kinds of fabric that he examined.

Statements :

Fabric-1 : Takes longer to dry; thin and soft but coarse texture; wrinkles easily.

Fabric-2 : Dries quickly; thick, soft and smooth texture; does not crease.

Based on these, which of the following best fits the description of fabrics 1 and 2 ?

[Fibre to Fabric]

- (A) **Fabric-1 :** Wool, **Fabric-2 :** Jute
(B) **Fabric-1:** Silk, **Fabric-2 :** Cotton
(C) **Fabric-1 :** Cotton, **Fabric-2 :** Nylon
(D) **Fabric-1 :** Acrylic, **Fabric-2 :** Cotton

SECTION – C : BIOLOGY

3. Which one of the following set comprises only herbivorous animals?

[Food Where Does it Come From]

- (A) Cow, Goat, Rabbit, Deer
(B) Cow, Goat, Rabbit, Wolf
(C) Wolf, Goat, Rabbit, Deer
(D) Cow, Crow, Crane, Camel

SECTION – D : MATHEMATICS

4. What is the greatest three-digit multiple of 33 that can be written using three different digits?

[Playing with Numbers]

- (A) 990
(B) 957
(C) 975
(D) None of these



5. How many numbers from 1 through 400 have a 2 in the units place (ones place) and are divisible by 4?

[Playing with Numbers]

- (A) 9 (B) 80
(C) 20 (D) 100

6. Choices for the correct combination of elements from Column – I and Column – II are given as options (A), (B), (C) and (D) out of which one is correct.

Column-I

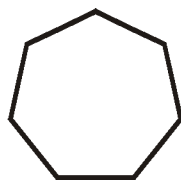
Column-II

- (P) $(-45) \times 50 \times (-10)$ (i) 35
(Q) If $a \div (-35) = -5$, then the value of a is (ii) 22500
(R) If $x = (-10) + (-10) + \dots \dots 15$ times and (iii) 175
 $y = (-2) \times (-2) \times (-2) \times (-2) \times (-2) \times (-2)$,
then $x - y =$
(S) Rita started a game of Monopoly with (iv) -214
Rs. 90. She had to pay Rs. 30 as tax and
she received Rs. 10 as rent of one of her
sites. Again, she won Rs. 25 by way of
lottery and was then fined Rs. 60 for over
speeding. How much money was left with
her (in Rs.) at the end of the game ?

[Integers]

- (A) (P) \rightarrow (i); (Q) \rightarrow (ii); (R) \rightarrow (iii); (S) \rightarrow (iv)
(B) (P) \rightarrow (iv); (Q) \rightarrow (i); (R) \rightarrow (iii); (S) \rightarrow (ii)
(C) (P) \rightarrow (ii); (Q) \rightarrow (iii); (R) \rightarrow (iv); (S) \rightarrow (i)
(D) (P) \rightarrow (iv); (Q) \rightarrow (ii); (R) \rightarrow (i); (S) \rightarrow (iii)

7. In the question given below, there are two statements marked as Assertion (A) and Reason (R). Choose the correct option :



Assertion (A) : The given figure have 21 diagonals.

Reason (R) : In a polygon the line segment joining any two points is called diagonal.

[Basic Geometrical Ideas]

- (A) Both A and R are true and R is the correct explanation of A.
(B) Both A and R are false and R is not the correct explanation of A.
(C) A is true but R is false.
(D) A is false but R is true.



8. If the product of two whole numbers is zero, then :

[Whole Numbers]

- (A) One of the number is zero (B) One number is zero and other is non zero
(C) Both numbers are zero (D) All of these

SECTION – E : LOGICAL REASONING & IQ

9. If L denoted \div , M denoted \times , P denoted $+$ and Q denoted $-$, then which of the following statements is true ?

[Mathematical Operations]

- (A) $32 \text{ P } 8 \text{ L } 16 \text{ Q } 4 = -\frac{3}{2}$ (B) $6 \text{ M } 18 \text{ Q } 26 \text{ L } 13 \text{ P } 7 = \frac{173}{13}$
(C) $11 \text{ M } 34 \text{ L } 17 \text{ Q } 8 \text{ L } 3 = \frac{38}{3}$ (D) $9 \text{ P } 9 \text{ L } 9 \text{ Q } 9 \text{ M } 9 = -71$

10. Pankaj start from A and walks North-East to B. He turns West and walks to C. Then turns South and walks to D. He then turns East and walks to E. Finally he turns South-West and walks to F. Which of the answer figures exactly shows the path Pankaj traced ?

[Direction Sense Test]

