# FIITJEE ADMISSION TEST

## Class – V (going to class VI)

## I.Q.

1.  How many such letters are there in the word ORIENTAL each of which is as far away from the beginning of the word as when they are arranged alphabetically?
    (A) none                          (B) one
    (C) two                           (D) three

2.  'Day' is related to 'Night' in the same way as 'White' is related to
    (A) Black                         (B) Colour
    (C) Ray                           (D) Red

3.  Pointing to a woman, a man said, "Her father's daughter is my father's wife's sister". How is the woman related to the man?
    (A) mother                        (B) aunt
    (C) sister                        (D) can't say

4.  In a class of 81 students, Kapil ranks 29th from bottom. What is his rank from top?
    (A) 51                            (B) 52
    (C) 53                            (D) 54

5.  A is sister of B. C is brother of D. D is sister of A. How is B related to D?
    (A) brother                       (B) sister
    (C) sister                        (D) can't say

## *General Science*

1.  Animals which eat other animals are called
    (A) Herbivores                    (B) Carnivores
    (C) Omnivores                     (D) Autotrophs

2.  Carbohydrates are
    (A) Body-building food            (B) Protective food
    (C) Energy-providing food         (D) Roughage

3.  Which is a water-soluble vitamin?
    (A) Vitamin D                     (B) Vitamin C
    (C) Vitamin A                     (D) All of these

4.  Which of these simple machines is used to draw water from well?
    (A) wedge                         (B) Pulley
    (C) Lever                         (D) Inclined plane.

5.  Which force causes wear and tear of rubber tyres of vehicles moving on road?
    (A) Gravitational force           (B) Frictional force
    (C) Pulling force                 (D) Pushing force

6.  Which among the following is not a natural resource?
    (A) Soil                          (B) Water
    (C) Forests                       (D) None of these

# *Mathematics*

1.    1265 is divisible by
      (A) 2                                           (B) 3
      (C) 10                                          (D) 11

2.    The reciprocal of the smallest prime is
      (A) 0                                           (B) 1/2
      (C) 1                                           (D) 2

3.    The largest and smallest number using the digits 4, 0, 3, 7 is
      (A) 4370, 4307                                  (B) 3740, 3047
      (C) 7403, 3704                                  (D) 7430, 3047

4.    The two consecutive prime numbers with difference 2 are called
      (A) co-primes                                   (B) twin primes
      (C) composite                                   (D) even

5.    The least number of 4 digits which is exactly divisible by 13 is
      (A) 1052                                        (B) 1039
      (C) 1032                                        (D) 1001

# ANSWERS
## IQ

1.  **C**          2.  **A**          3.  **B**          4.  **C**

5.  **B**

# *General Science*

1.  **B**          2.  **C**          3.  **B**          4.  **B**

5.  **B**          6.  **D**

# *Mathematics*

1.  **D**          2.  **B**          3.  **D**          4.  **B**

5.  **D**