**For 8th Class**

**English**

**The students are directed to read newspapers and magazines daily and update themselves with the current affairs.**

**Maintain a personal diary and write two new words everyday along with current affairs.**

#### Q1. Insert indefinite articles ‘an’ or ‘a’ where necessary.

1. This is .......... orange.

2. That is book.

3. This is .......... hospital.

4. That is egg.

1. He is eating apple.
2. This is umbrella.
3. That is university.
4. I'll be away for hour.
5. What nice day!

10........... horse is animal.

**Q2. Supply the definite article the, where necessary.**

1. Ι will study history of Crete next year.

2 .......... History is an interesting subject.

3……………water in your glass is hot.

4. He always drinks ........... cold water.

5. She lives on……………………..bridge street.

6 .......... Mississippi river is ............. longest river in world.

7. A lot of ships cross ........... Pacific Ocean.

8. We drink…………tea out of........... cups.

1. Tea out of ………… in this cup is too cold.
2. For me breakfast is .. ............ best meal of day.

### 3.Fill in the blanks using the following adjectives-

1. An person never does anything that is not allowed.
2. An person never tells lies.
3. An person is willing to try new or difficult things.
4. A person always gets high marks in dictation.
5. An person always makes friends easily.
6. Cecilia is and the stories she writes are very interesting.
7. Patrick is and he never gets angry.
8. Phoebe never talks in class even though she is .
9. A person always plays tricks on others.
10. My cat is because it never catches mice.

### Q4.Fill in the blanks with the correct degree of the adjective given in the brackets.

1. Raveena is (tall) than her sister.
2. The Alps are the (high) mountain ranges in Europe.
3. The test was very (easy)
4. The test was (easy) than I thought.
5. She is (old) than him.
6. Who is the (tall) man in the world?
7. I can run than you. (fast)
8. Who is the runner in the class? (fast)
9. Ravi’s house is as (big) as Peter’s house.
10. She took the (strong) ropes to tie the bags together.
11. This story is (interesting) than that story.

**Maths**

Q-1. Rakesh can do a piece of work in 20 days. How much work can he do in 4 days?(ans: 1/5th)

Q-2. Rohan can paint 1/3 of a painting in 6 days. How many days will he take to complete the painting?(ans: 18 days)

Q-3. Anil can do a piece of work in 5 days and Ankur in 4 days. How long will they take to do the same work, if they work together?(ans: 20/9 days)

Q-4. Mohan takes 9 hours to mow a large lawn. He and Sohan together can mow it in 4 hours. How long will Sohan take to mow the lawn if he works alone? (ans: 7hr 12min)

Q-5. Sita can finish typing a 100 page document in 9 hours, Mita in 6 hours and Rita in 12 hours. How long will they take to type a 100 page document, if they work together?(ans: approximately 2 hrs)

Q-6. A, B and C working together can do a piece of work in 8 hours. A alone can do it in 20 hours and B alone can do it in 24 hours. In how many hours will C alone do the same work?(ans: 30hr)

Q-7. A and B can do a piece of work in 18 days.; B and C can do a piece of work in 24 days and C and A in 36 days. In what time can they do it, all working together?(ans: 16 days)

**science**

##### Complete the following.

* + 1. Friction always opposes of a body on a surface.
    2. Sliding friction is than the static friction.
    3. Friction produces .
    4. Sprinkling of powder on the carom board\_\_\_\_\_\_\_ friction.
    5. Ball bearings convert friction into friction.
    6. Cars and speedboats are to reduce drag
    7. The friction when something moves through a liquid or a gas is called\_\_\_\_\_\_\_\_\_\_\_\_.
    8. on the tyres of vehicles increase friction.
    9. A frictional force is an example of force.
    10. Birds have bodies.

##### What kind of friction comes into play?

* + 1. When a block of wood kept on a table moves slowly.
    2. When a block of wood kept on a table on applying force remains in the state of rest
    3. When a block of wood kept on cylindrical iron rods moves.

##### Give one word for the following

* + 1. The tyres used in racing cars
    2. The SI unit in which frictional force is measured.
    3. The frictional force applied by fluids.
    4. The branch of science that deals with the study of reducing air resistance is called

##### Choose the odd one out

* + 1. Ship, Cycle, Airplane , Bird
    2. Fine powder, oil, grease, soil.
  1. Answer the following
     1. What the factors on which the magnitude of friction depends?
     2. What kind of tyres do racing cars have? Why?
     3. What are lubricants? Which lubricant is used in parts of heavy machines?
     4. What is friction commonly known as? Explain why?
     5. Give three ways of limiting friction.
     6. Spacecrafts are provided with heat shield. Why?
     7. What is streamline shape? Explain the advantage of this shape to birds and aquatic animals.
     8. What causes friction?

**Hindi :**

Worksheet- Do chapter 1& 2 in the book itself