**ROYAL PUBLIC SCHOOL (SEC-4)**

**( Session-2020-21)**

**STD-8**

**Summer holiday homework.**

**Subject-science**

General instruction all the work to be done in science class work copy only.

**1) Fill in the blanks:**

1. 1 kilogram force is equal to\_\_\_\_\_newtons.
2. A force is a push or a\_\_\_\_.
3. The unit of force is\_\_\_\_\_\_\_.
4. Muscular force is an example of \_\_\_\_\_ force.
5. To reduce the pressure produced by a force, you can spread it over a large\_\_\_\_\_\_\_.
6. \_\_\_\_\_\_\_. Is used to level the fields.
7. Kharif crops are sown in\_\_\_\_\_\_\_ season and harvested around the month of\_\_\_\_\_\_.
8. Non stick cookware is made of \_\_\_\_\_\_\_\_plastic.
9. \_\_\_\_\_plastic do not software on heating and cannot be reshaped.
10. The gravitational force is a \_\_\_\_\_force

**2) write true or false.**

1. Different crops are irrigated at different intervals.
2. Water logging is good for plants.
3. Force always has a particular direction.
4. The air pressure is exerted in all directions.
5. Friction is always harmful.

**3) Answer the following question in one or two sentences.**

1. What is the SI unit of force and pressure?
2. Write the relation between force and pressure.
3. What is Pascal?
4. What is meant by the term synthetic fibre?
5. Why is food stored in a plastic container?
6. Acids are stored in ( PET) plastic bottles .why?
7. Name the poisonous gas that all plastics can produce if they burn without enough oxygen.
8. What is animal husbandry?
9. What do you understand by the term threshing?
10. If a crop is sown in June and harvested in October will it be Ravi or kharif

**4) answer the following questions.**

1. Give at least three examples of your actions that use forces.
2. What happens to the shape of toothpaste tube when you squeeze it?
3. Athletes wear shoes which have spikes on them. why?
4. On the beach why do your legs shrink in dry send while it does not sink in wet sand?
5. What is polymerisation?
6. How can we minimise the use of plastics?
7. Is plastic a boon or a curse ?Give reason to support your answer.
8. How would you distinguish between thermoplastic and thermosetting plastic?
9. seeds are first grown in nursery and then transplanted to the fields.What is the advantage of this?
10. Explain nitrogen cycle.

Happy holidays.