



**THE JAIN INTERNATIONAL SCHOOL, KANPUR**

**Class-VIII**

**Subject-Science**

**Worksheet-Holiday Homework.**

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- Q-1) What is force? Write three effects caused by force.
- Q-2) What is electrostatic force? Define with example.
- Q-3) Write two differences between contact and non contact force.
- Q-4) What is friction force? Write two methods to decrease the friction.
- Q-5) Write three factors which affect the atmospheric pressure.
- Q-6) What is muscular force? Define with example
- Q7) What is pressure? Define with units
- Q8) List the steps involved in crop production in sequential order.
- Q9) Why should fossil fuels not be wasted?
- Q-10) How is CNG obtained? What are its main uses?
- Q11) Write an activity to show variation of liquid pressure with depth.
- Q12) Why should grains be dried before storage?
- Q-13) Write the differences between kharif and Rabi crop by giving two examples of each.
- Q-14) Define the terms fungicides, rodenticides and herbicides.
- Q-15) Describe the nitrogen cycle with a diagram.
- Q-16) Write two natural methods of manuring..
- Q-17) What are the advantages of ploughing in the field before sowing seeds?
- Q-18) Define the following terms-
- A) Mixed cropping    B) Crop rotation    C)Field fallow
- Q19) Discuss with an example how hybridization is used for developing new varieties of crops with desired characteristics.
- Q20) What is fossil fuel?Explain with examples.
- Q21) Write differences between renewable Sources and non-revel sources of energy with examples.
- Q-22) How is the refining of Petroleum taking place?Name the important products obtained.
- Q23) Force of 100 newton is acting on an area of 10 cm<sup>2</sup> find the pressure on that area.
- Q24) Why should we use energy Judiciously?
- Q25) Define the following terms-
- A)Coke            B) Coal tar            C) Coal gas