





Grade 8

PRE-TECNICAL

**NAME……………………………………………………………………………………………………………..**

**SCHOOL ………………………………………………………………………………………………………….**

**TIME 1hr**

1. **Mention Care and maintenance of drawing instruments and equipments**
2. ……………………………………………………………………………………………………………………….
3. ………………………………………………………………………………………………………………………..
4. ……………………………………………………………………………………………………………………….
5. ………………………………………………………………………………………………………………………
6. **What are the Uses of drawing instruments and equipments in various careers**

……………………………………………………………………………………………………………………….………………………………………………………………………………………………………………………..……………………………………………………………………………………………………………………….……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….………………………………………………………………………………………………………………………..……………………………………………………………………………………………………………………….……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….………………………………………………………………………………………………………………………..……………………………………………………………………………………………………………………………………………………………………………………………………………………

1. **Mention the following types of lines used in free hand sketching**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type of line** |  | | | |
|  |  | | | |
|  |  | | | |
|  |  | | | |
|  |  | | | |
|  |  |  |  |  |
|  | |
|  |  | | | |
|  |  | | | |
|  |  | | | |
|  |  | | | |
|  |  | | | |
|  | ......................................................................................... | | | |

1. What is energy?

……………………………………………………………………………………………

1. **Mention some uses of Energy.**
2. …………………………………………………………………………………………………
3. ………………………………………………………………………………………………...
4. **State Sources of Energy in your locality**
   1. ………………………………...
   2. ………………………………….
   3. ……………………………………

1. **Mention some of the Renewable sources of energy.**
2. ***………………………………………………………………………………………………………***
3. ***………………………………………………………………………………………………………***
4. ***……………………………………………………………………………………………………….***
5. **Name Non-renewable sources of energy.**
6. ***…………………………………….***
7. ***…………………………………….***
8. ***…………………………………….***
9. **Mention Advantage and disadvantages of Renewable energy in the table below**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Advantages** | **Disadvantages** | |
| 1 |  | |  |
| 2 |  | |  |
| 3 |  | |  |
| 4 |  | |  |

1. **State Advantage and disadvantages of Non-renewable energy**

|  |  |  |
| --- | --- | --- |
|  | **Advantages** | **Disadvantages** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

1. **Mention Careers related to sources of energy.**
2. ………………………………….
3. …………………………………
4. …………………………………
5. **State the Importance of Energy.**
6. ………………………………………………………………………………………………….
7. ………………………………………………………………………………………………….
8. ………………………………………………………………………………………………….
9. **Mention the Forms of energy.** 
   1. ……………………………………………………………………………………………

…………………………………………………………………………………………

1. State whether the forms of energy below are either kinetic or potential.
2. **Mechanical energy***- …………………………………………….*
3. **Electrical energy** *……………………………………………….*
4. **Heat energy** *-…………………………………………………..*
5. **Chemical energy***- …………………………………………….*
6. **Wind energy***- …………………………………………………*
7. **Sound energy***- …………………………………………………*
8. **Light energy***- ……………………………………………………..*
9. **State the Uses of the different forms of energy in different sectors.**

a.) **Domestic**.

* ……………………………………………………………………………………..……

b.) **Transportation**.

* ………………………………………………………………………………………..

c.) **Commercial**.

* ……………………………………………………………………………………….

d.) **Industrial**.

* ………………………………………………………………………………………….

1. **What is the Role of Energy?**

* …………………………………………………………………………………………………

1. **State the Careers that require the use of energy.**

|  |  |
| --- | --- |
| **career** | **Use of energy** |
|  |  |
|  |  |
|  |  |