

PROJECT WORK- 6**COAL AND PETROLEUM**

Some items to be given as project work for class-08 students.

They can do any one of the following. The report should be in at least two A4 pages.

1. Compare a CNG run vehicle with that of a diesel run vehicle. What difference do you notice in both cases with respect to pollutants released, level of pollution and cost of fuel. Prepare a report on your findings. You can take the help of a driver to make a report on your observation.

| Name of the fuel | Cost of the fuel as on today | Pollutants liberated |
|------------------|------------------------------|----------------------|
| Diesel/Petrol | | |
| CNG | | |

2. Choose five families of your neighbourhood. Collect the information about the measures that they adopt to conserve energy resources in transport and cooking.

| Name of the Head of the family | Number of family members in family | No. of vehicles using | Amount spent for fuel in one month | Amount spent for Cooking purpose |
|--------------------------------|------------------------------------|-----------------------|------------------------------------|----------------------------------|
| | | | | |

Make a report on your observation.

3. The following table shows the total power shortage percentage in India from 1991-1997. Show the data in the form of a bar graph taking shortage percentage for the years on the Y-axis and the years on the X-axis.

| S.No | Year | shortage (%) |
|------|------|--------------|
| 1. | 1991 | 7.9 |
| 2. | 1992 | 7.8 |
| 3. | 1993 | 8.3 |
| 4. | 1994 | 7.4 |
| 5. | 1995 | 7.1 |
| 6. | 1996 | 9.2 |
| 7. | 1997 | 11.5 |

- (a) Is the shortage percentage of power increasing or decreasing?
 (b) If shortage percentage of power increases year by year, how will it effect on human life?
 Explain.