**Q1) List the functional Classification of highway?**

**A) Freeway.**

**B) Expressway.**

**C) Major arterial.**

**D) Collector Street.**

**E) Local Street.**

**F) Cul-de-sec.**

**Q2) Give some examples of highway transportation costs:**

**A) Highway investment cost?**

**Engineering design, right-of-way, grading and drainage, pavement.**

**B) Transit operation cost?**

**Driver’s wages, operation and maintenance, cost of buses.**

**Q3) in 20 years the residual or salvage value of a certain highway will be $250,000. Determine the present value of that sum, using an interest rate of 6 percent?**

***P*=F/ (1+i)n**

**Present value= ($250,000)/ (1+0.06)20**

**Present value=$77,951**

**Q4) Air pollutants are natural and man-made contaminants in the atmosphere. List there major classes?**

1. **Carbon monoxide (CO).**
2. **Hydrocarbons (HC) and photochemical oxidants.**
3. **Nitrogen oxides (NO2).**
4. **Particulate matter.**
5. **Sulfur dioxide (SO2).**