**Chapter 4 Notes – Power supply and Form factor**

1. What is Form Factor?
2. What are the three items of a PC to be considered in terms of form factor?
3. What kind of connector do I need to use from Power Supply towards the Motherboard which is considered as the main power connector?
4. What is the two main purpose of a Power Supply?
5. What does a rectifier do?
6. How about a transformer?
7. What are the different type of form factors for PC?
8. Which one above is the most common?
9. What does ESD stands for?
10. How do I prevent ESD towards a computer component?
11. What two items that are considered as FRU?
12. If an item is a FRU what would I do if that item is not working?
13. What is the difference between a diode and a transistor?
14. What is the difference between a conductor and insulator?
15. What is a semi-conductor?
16. What unit of electricity is not measured but computed?
17. What are the symbols for a transistor, resistor, diode, ground etc?
18. Why there are two wires on an electrical pole/post near your house for example?
19. If I have a 300 Watts consumption of my PC what should be the ideal wattage for this?
20. What is the formula to compute wattage?