**PLA1006- ASSIGNMENT**

**TIME & WORK**

1. **Working with Different Efficiencies**
2. Write the concept
3. **Solve the Example**: A and B can do a piece of work in 12 days, B and C in 15 days, and C and A in 20 days. How long would A take separately to do the same work?
4. **Division of wages**:
5. Write the concept
6. **Solve the Example**: P, Q, and R can complete work for Rs. 21000. P, Q, and R can alone complete work in 20 days, 30 days, and 60 days respectively. With the help of D, they complete the work in 8 days. Among the four who gets the highest share and how much?
7. **Pipes and Cisterns**:
8. Write the concept
9. **Solve the Example:** Two outlet pipes A and B are connected to a full tank. Pipe A alone can empty the tank in 10 minutes and pipe B alone can empty the tank in 30 minutes. If both are opened together, how long will it take to empty the tank?
10. **Work Equivalence**:
11. Write concept
12. **Solve the Example**: 12 men and 8 women can do a piece of work in 16 days, while 13 men and a woman can do it in 18 days. How long will 13 men and 12 women take to finish the work?

**NOTE**:

Kindly Submit the Assignment with solutions on paper.

The last date for submission is 13th July.