**BIJU PATNAIK INSTITUTE OF TECHNOLOGY MOTTO, PURI**

**(GOVERNMENT POLYTECHNIC, PURI)**

4th SEMESTER

ESTIMATION & COST EVALUATION

**1.Each question carrying 2 marks.**

**1.What is meant by plinth area of a building?**

**2.What is meant by lead & lift in estimating?**

**3.How many bags of cement are required for 1m3 cement supply?**

**4.What is meant by sundries & overhead charges?**

**5.Calculate the number of standard bricks required for 12.5m3 of brick work?**

**6.What is meant by lump sum in estimating?**

**2.Each question carrying 5 marks.**

**1.Calaculate the quantity of dry material for 10m3 of cement concrete with 1:1.5:3**

**2.What is the difference between approximate estimate & detailed estimate?**

**3.Write down the duties & responsibilities of junior engineer?**