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

**(GOVERNMENT POLYTECHNIC, PURI)**

**CIVIL BRANCH, 4th SEMESTER**

**SUB-IRRIGATION ENGINEERING**

1. What is hyetograph?

2 What is flow irrigation?

3 What is water logging?

4 Write down the Dickens and Ryves formula?

5. What is inundation canal?

6. What is hydrograph?

7. Write down the types of precipitation.

8.What is catchment area?

9. What is gross command area?

10. Describe the types of canal?

11. Define hydrology and enumerate the importance on it?

12. Distinguish between Inundation canal and Perennial canal?

13. What are the factors affecting the water requirement?

14. What are the different types of rain gauges? Describe anyone with a neat sketch

15.Write down the differences between weir, barrage & dam. (5)

16.Write down about the perennial irrigation.