**DSPM UNIVERSITY, RANCHI**

**B.Sc. Geology**

**Semester-VI Date-10/6/2020**

**Paper Code: XV**

**SAMPLE QUESTION PAPER FOR END SEMESTER EXAMINATIONS**

**SECTION-A**

*(Short answer type questions)*

1. Write a note on the electromagnetic spectrum.
2. Discuss the concept of stability of hill slopes.
3. Give an account on the basic principles of remote sensing.
4. Describe the basic concept of GIS.

**SECTION-B**

*(Long answer type questions)*

1. Give an account of the geological considerations for the construction of dams.
2. Write a note on the engineering properties of rocks.
3. Explain the following-

a) Atmospheric windows

b) Types of different sensors used in remote sensing.

c) Types of platforms used in remote sensing.