

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATIONS-2022

B.Tech-VII Semester (All Branch)

COURSE CODE (CREDITS): 22B1WCE731

MAX. MARKS: 15

COURSE NAME: REMOTE SENSING AND GEOMATICS

COURSE INSTRUCTORS: AKASH BHARDWAJ

MAX. TIME: 1 Hour

Note: All questions are compulsory. Marks are indicated against each question in square brackets.

-
- Q1. Explain FCC photograph and digital image. (2 marks)
[CO-1]
- Q2. Explain the Remote Sensing process with help of neat and clean figure. (3 marks)
[CO-1]
- Q3. Classify Remote Sensing on the basis of energy source and number of bands. (2 marks)
[CO-1]
- Q4. Define – (a) Mie scattering (b) Non-selective scattering. (2 marks)
[CO-1]
- Q5. What are the various types of remote sensing platforms? Explain any one in detail. (2 marks)
[CO-1]
- Q6. Differentiate between spatial and temporal resolution. (2 marks)
[CO-1]
- Q7. Define principle points in an aerial photograph with figure. _____ Band in remote sensing is used for the detection of healthy vegetation. (2 marks)
[CO-1]
