

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- 2023

B.Tech-VII Semester (Open Elective)

COURSE CODE (CREDITS): 22B1WCE731 (3)

MAX. MARKS: 15

COURSE NAME: REMOTE SENSING AND GEOMATICS

COURSE INSTRUCTORS: AKASH BHARDWAJ

MAX. TIME: 1 Hour

Note: (a) All questions are compulsory.

(b) Marks are indicated against each question in square brackets.

(c) The candidate is allowed to make Suitable numeric assumptions wherever required for solving problems

Q1. Define Digital image. Draw neat and clean figure showing the process of Remote Sensing. [4 marks, CO 1]

Q2. Define –

(i) Mie scattering

(ii) Non-selective scattering [2 marks, CO1]

Q3. Write short notes on Low Earth Orbit. [2 marks, CO 2]

Q4. Enlist various types of remote sensing platforms. Explain any one. [3 marks, CO 1,2]

Q5. Write about various features and uses of X-Rays. [2 marks, CO 2]

Q6. Define –

(i) Tilt photograph with figure.

(ii) Fiducial Marks with figure. [2 marks, CO 2]
