JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- 2024

B.Tech -VIII Semester

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. What is Remote Sensing? Explain the process of Remote Sensing with neat and clean figure. [4 marks, CO 1]

Q2. What are the different types of remote sensing? Explain any two. [3 marks, CO 1]

Q3. Define – (i) Mie Scattering (ii) Diffuse reflection. [2 marks, CO 2]

Q4. Explain high earth orbit with suitable example. What are its advantages? [2 marks, CO 1]

Q5. Define spatial resolution of sensors with example. [2 marks, CO 1]

Q6. Discuss the role of Radio waves in our day to day life in context with remote sensing.

[2 marks, CO 2]

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