

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT
TEST -2 EXAMINATION- 2024

B.Tech-VIII Semester

COURSE CODE (CREDITS): 22B1WCE731 (3)

MAX. MARKS: 25

COURSE NAME: REMOTE SENSING AND GEOMATICS

COURSE INSTRUCTORS: AKASH BHARDWAJ

MAX. TIME: 1 Hour 30 Minutes

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. (a) Differentiate between vertical and oblique photograph. (2 marks)
(b) Define - Fiducial Marks, Principal Points, and Conjugate Principal Points with figure. (3 marks) [CO 2]
- Q2. Explain about digital image and its file formats. (4 marks) [CO 3]
- Q3. Write short notes on standard FCC. (2 marks) [CO 2]
- Q4. Define radiometric errors and geometric errors in Remote Sensing. Explain shot noise and dropped lines errors and how they can be corrected. (6 marks) [CO 3]
- Q5. Define – (i) Scan Skew (ii) Pitch (iii) Earth rotation errors with figure. (3 marks) [CO 2]
- Q6. Write factors governing image interpretation. What are interpretation keys? Explain use of any three interpretation keys in image interpretation. (5 marks) [CO 3]
