

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF EDUCATION ARTS

GEOG 334: PHOTOGRAMMETRY

STREAMS: BED (ARTS)

TIME: 2 HOURS

DAY/DATE: FRIDAY 26/03/2021

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

- Answer question ONE and any other TWO
- Sketches and diagrams may be used whenever they serve to illustrate an answer

- (a) What is photogrammetry [2 marks]
 - (b) Briefly explain the characteristics that allow extraction of both qualitative and quantitative information in photography [8 marks]
 - (c) Describe the FOUR categories of information received from photographic images [10 marks]
 - (d) Describe the various components/parts of a digital camera as a key acquisition instrument in photogrammetry [10 marks]
 2. Describe the photogrammetric products and assess their application [20 marks]
 3. Photogrammetry can be classified based on camera location during photography. With the aid of diagrams, describe the various classes [20 marks]
 4. Describe the various types of aerial photographs [20 marks]
 5.
 - (a) Describe the two types of photogrammetry [8 marks]
 - (b) All stereoplotters, whether analog or analytical, must be set up for measuring or mapping in three consecutive steps. Describe these steps [12 marks]
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