

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF INDUSTRIAL TECHNOLOGY

DEPARTMENT OF TECHNICAL TEACHER EDUCATION

GENERAL EXAMINATION

VISUAL INQUIRY

TTE 3123

PART III

FEBRUARY 2010

TIME: 3 HOURS

100 MARKS

INSTRUCTIONS AND DIRECTIONS TO CANDIDATES

1. Answer **FOUR** questions from this paper.
2. Each question carries 25 marks. Subdivision marks are shown in brackets.
3. Start each answer on a new sheet of paper.
4. Drawings / illustrations must be done on plain A4 drawing / tracing paper provided.
5. Candidates are to bring drawing instruments, pencils, pencil crayons and black pens.

QUESTION 1

- (a) Explain what is involved in visual research. [10 marks]
- (b) Explain with examples how the use of photography, film or video have been used in:
- (i) Image documentation [5 marks]
 - (ii) Visual representation [5 marks]
 - (iii) Collaboration [5 marks]

QUESTION 2

- (a) Describe with examples what is involved in using the following to collect visual information:
- (i) research diaries [5 marks]
 - (ii) research log [5 marks]
 - (iii) field notes [5 marks]
- (b) Explain FOUR advantages of using research diaries in visual research. [10 marks]

QUESTION 3

Colour, graphics and simplicity have a strong visual impact. Illustrate the impact and influence of the above three concepts with FIVE visual images and brief notes on visual images.

[25 marks]

QUESTION 4

- (a) Explain the following terms in the context of visual investigation:
- (i) visual images
 - (ii) colour pictures
 - (iii) colour combination
 - (iv) traditional colour usage
 - (v) surfaces and texture collection [25 marks]

QUESTION 5

- (a) Describe FIVE advantages of photo-interviewing with examples. [15 marks]
- (b) Explain objectives of using photographs rather than written text to give information to communities. [10 marks]

QUESTION 6

- (a) Explain the meaning of 'visual archives'? [5 marks]
- (b) Explain the following and discuss operations that investigators would follow in archival approaches when carrying out research.
- (i) document files [5 marks]
 - (ii) drawings [5 marks]
 - (iii) paintings [5 marks]
 - (iv) design plan [5 marks]

END OF PAPER