

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF COMMUNICATION AND INFORMATION SCIENCE

BACHELOR OF SCIENCE HONOURS DEGREE IN RECORDS AND ARCHIVES MANAGEMENT

PART IV SECOND SEMESTER EXAMINATIONS APRIL 2014

IRA 4201 CONSERVATION AND PRESERVATION MANAGEMENT

TIME: 3 HOURS

INSTRUCTIONS TO CANDIDATES

1. QUESTION **ONE** IS COMPULSORY.
 2. ANSWER ANY **THREE** QUESTIONS FROM SECTION B.
 3. EACH QUESTION CARRIES **25 MARKS**
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SECTION A

1. Explain any five significant factors affecting the physical quality and stability of archival materials. [25 marks]

SECTION B

2. Discuss the new knowledge and skills required of the archivist in the current technology driven environment as far as archival preservation is concerned. [25 marks]
3. Explain the following five major forms of photographic restoration
 - a) Electronic [5 marks]
 - b) Chemical [5 marks]
 - c) Physical [5 marks]
 - d) Copying [5 marks]
 - e) Airbrush [5 marks]
4. Discuss the relevance of new innovations in technology in materials conservation treatment. [25 marks]

5. Explain the use of the following terms in conservation and preservation management.

- a) Daguerreotype [5 marks]
- b) De-acidification [5 marks]
- c) De-humidification [5 marks]
- d) Tissuing [5 marks]
- e) Encapsulation [5 marks]

6. a) What is Integrated Pest Management (IPM)? [15 marks]

b) How does IPM complement other methods of preservation management?
[10 marks]
[Total 25 marks]

END OF PAPER