

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

APPLIED PHYSICS DEPARTMENT

SRA 1215 – PROFESSIONAL STUDIES

BSc HONOURS PART II - MAY 2006

DURATION: 3 HOURS

ANSWER ALL PARTS OF QUESTION ONE IN SECTION A AND ANY THREE QUESTIONS FROM SECTION B. SECTION A CARRIES 40 MARKS AND SECTION B CARRIES 60 MARKS.

SECTION A

1.
 - (a) With examples drawn from the clinical practice area, differentiate between formal and informal channels of communication. [5]
 - (b) Justify the importance of records that can be kept in an imaging or radiotherapy department. [5]
 - (c) Explain briefly any two types of decision-making tools. [4]
 - (d) What problems are faced by health workers in achieving informed consent from patients. [5]
 - (e) Explain the effect of environment on effective learning. [5]
 - (f) Outline three different methods of experiential learning used by health workers. [6]
 - (g) Compare and contrast any two methods that can be used by health workers to collect data in health research. [10]

SECTION B

2. Discuss the aspects of the Radiographer's code of conduct pertaining to self, patient and the general public. [20]
3. Discuss the factors that can affect group decision-making. [20]
4. With examples drawn from the clinical practice area, discuss the role of reflection. [20]
5. Discuss the factors that can contribute to effective communication in the health care sector. [20]
6.
 - (a) Giving examples drawn from the clinical practice environment, describe the circumstances that can lead to legal proceedings being instituted on a radiographer. [10]
 - (b) Explain the objectives of two professional organizations that can be joined by radiographers. [10]