

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

APPLIED PHYSICS DEPARTMENT

EXAMINATION

SRA 4102 – APPLIED PSYCHOLOGY AND SOCIOLOGY

BSc HONOURS PART IV: DECEMBER 2005

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) Explain the functions of the family. [5]
- (b) (i) Compare and contrast personality type A and personality type B. [6]
(ii) State the clinical significance of type A personality. [2]
- (c) Outline three leadership styles and comment on their usefulness in management. [6]
- (d) (i) Explain the link between stereotypes and discrimination. [5]
(ii) Describe four social class related discriminatory practices that can occur in a hospital setting. [4]
- (e) (i) Describe the decision making process. [6]
- (f) Define social influence and show its implications in a hospital setting. [6]

SECTION B

2. (a) Explain five organizational factors that can contribute to the development of stress in a radiology department. [5]
- (b) Discuss the effects and symptoms of burnout among health professions and the methods that can be used to reduce it? [15]
3. (a) Discuss three sources of errors in attribution. [15]
- (b) Giving examples, explain how attribution is used to blame the victim of unfortunate circumstances. [5]
4. With respect to the Zimbabwean current situation, analyse how Maslow's Theory of Human Needs motivation impact on health care status. [20]
5. (a) Distinguish between gender and sex roles. [5]
- (b) Gender roles influence society attitudes towards men and women. Discuss. [15]