

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF APPLIED SCIENCE
COMPUTER SCIENCE DEPARTMENT
JULY SUPPLEMENTARY EXAMINATIONS 2005

SUBJECT: SOCIAL SYSTEMS
CODE: SCS2205

INSTRUCTION TO CANDIDATES

Answers all questions. Each question carries twenty (20) marks.

Time: 3 hours

QUESTION ONE

Refurbs IT (PVT) LTD a computer company specializing in refurbishing computers and promoting the use of Free and Open Source Software is facing stiff resistance from environmentalists. The environmentalists are lobbying for the closure of the company accusing it for polluting the city dams, and for filling up the dumpsites.

The Refurbs Company, owing to amounting pressure, they decided to engage independent consultants to do an environmental impact assessment of their activities. The consultants in their report noted that the Refurbs Company was not polluting the environment, and its industrial waste constitute only ten percent of the total waste dumped at the dumpsite.

Given the mission statement of Refurbs to development communities through the use of ICT; map an economical and environmental friendly strategy that will see the company achieving its objectives and goals. [20]

QUESTION TWO

Socially responsible organizations implementing charity principles are benefiting other business organizations indirectly more than they do benefit the needy. Discuss giving suitable examples. [20]

QUESTION THREE

Being a University graduate given a soft loan to start up a computer related business, what type of business organization are you going to set up and why? Justify your choice beyond reasonable doubt [12]
Justify the set of motivational theories you are going to employ in motivating your staff complement. [8]

QUESTION FOUR

Software Engineering (Pvt) Ltd, Company specializing in software development is re-strategizing and targeting NUST computer science final year students at both undergraduate and graduate levels. The company is considering developing systems for the students for their final year projects. Students are expected to pay for services rendered. Discuss the implementations of such a strategy. [20]

QUESTION FIVE

Gender management in IT industry is an irrelevant exercise. Gender programs implemented at grassroots level are the key to successful management of gender issues. Discuss [20]

END OF QUESTION PAPER

