JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

DIPLOMA

IIT 2128: INFORMATION SYSTEMS IN ORGANIZATIONS

INSTRUCTIONS;
Question ONE is compulsory
Answer THREE other questions

Question One

a) ValdermanPoulson discovered magnetic storage media principle,using two examples explain the importance of this discovery in today's computers.   {4 marks}

b) Relate computer software to human education and intelligence   {5 marks}

c) With reference to system development explains human factor feasibility.   {5 marks}

d) The human processing system has three types of memories,long term memory,short term memory and external memory.Relate these memories to computer system.   {6 marks}

e) Describe one computer network security.   {5marks}

f) Using examples, explain what a point of sale terminal (POS) is.   {5marks}

g) Describe a modem as used in data communications.   {5marks}

h) Using examples differentiate between data and information.   {5marks}

Question Two
a) Discuss the control/security system of information system.   {10marks}
b) With reference to data processing,explain the elements of acomputer file.   {10 marks}

Question Three
a) With reference to computer evolution ,outline the trends in computer technology. {8 marks}
b) Explain three benefits of computer networks   {12 marks}

Question Four

a) Discuss two characteristics of an operating system.   {10 marks}

b) With reference to system development ,explain how one can minimize information entry time of a user. {10 marks}

Questin Five

a) The memory of a computer system consists of functional or storage areas , explain two of these areas. {10 marks}

b) Outline five computer crimes.   {10 marks}