

451/2
COMPUTER
PRATICAL
PAPER 2
TIME: 2 ½ hours



Atika School

F r e e O n l i n e A c a d e m y

Computer Paper 2

INSTRUCTIONS TO CANDIDATE

- Answer *All* questions
- All answers must be saved in your diskettes! Removable device
- Insert your **name** and **index number** as headers on all your documents
- Make a print out of the answers on the answer sheets provided
- Hand in the print outs and the diskette

This paper consists of 4 printed pages. Candidates should check to ascertain that all papers are printed as indicated and that no questions are missing

WHAT IS INTERNET

1.1.1 what is a computer network

A Computer network is formed whenever more than one computer is connected together. computer networks usually have one computer reserved as the server or "mother" of all the computers on the network. Usually there can be from two to hundreds or even thousands of computers on the network (see network diagram below). apart from computers, other networks devices such as printers, plotters e.t.c can also be connected to the network. The server enables information and network devices to be shared among the computers on a network.

The interconnection of roads in a country, continent or throughout the world is an example of a network. Road networks facilitate the transfer of goods and services from one area to another. Modelled along the same line is the telephone network. Telephone networks are called voice networks.



1.1.2 what is internet.

The internet is a world wide computer network linking countless thousands of computer networks, through a mixture of private and public data and telephone lines. Its component networks are individually run by government agencies, universities, commercial and voluntary organizations. No single organization owns or controls the internet, though there is an Internet Society that co-ordinates and sets standards for its use. Networks have no political borders or boundaries on the exchange of information. Networks are connected by gateways that effectively remove barriers so that one type of network can "talk" to a different type of network 3

1. Design a publication to appear as indicated in the next page using the following instructions (20mks)
 - a) Save your work as “your index and name.” (2mks)
 - b) The heading “WHAT IS INTERNET” to have the following styles (4mks)
 - Centered across the page
 - Font face: Arial
 - Font size: 45
 - Background colour: grey
 - c) The other two headings in the publication to have the styles (5mks)
 - Font face: Arial Narrow
 - Font size: 20
 - Text weight: Bold
 - Character spacing: 150%
 - Alignment: Centred across the page
 - d) The text under the heading “WHAT IS A COMPUTER NETWORK” to be in two Columns and having the following styles. (3mks)
 - > Font size: 15
 - > Text colour grey
 - > First character of the two paragraphs to have a 3 lines drop cap.
 - e) The text under the heading “WHAT IS INTERNET’ to be in a single column (3mks)
 - f) Design the diagram in the position shown (10mks)
 - g) Insert a line between the two columns documents (2mks)
 - h) Save the final changes and print the publication. (1mk)

2. The data in the table below was extracted from a survey data on employment.

Table 1: EMPLOYEE TABLE

NAME	YEAR OF BIRTH	EMPLOYEE ID NO.	EMPLOYEE ID	JOB CATEGORY
ERIC	1980	13144	01	GK4
FRED	1970	11100	04	GK3
JANE	1984	14010	02	GK1
BRIAN	1976	12110	05	GK1
ANNE	1973	11410	03	GK2
CATE	1968	10570	04	GK3
ALI	1990	11040	05	GK3
JANET	1998	15978	03	GK2
PETER	1992	17192	02	GK4
MARV	1993	18965	05	GK4

Table 2: EMPLOYMENT TYPE

JOB CATEGORY	JOB DESCRIPTION
GK1	CASUAL
GK2	TEMPORARY
GK3	CONTRACT
GK4	PERMANENT

Table 3: EMPLOYERS' TABLE

EMPLOYER ID	EMPLOYER NAME
01	WASIKE
02	MUMBUA
03	OMWOYO
04	OLOISHIRO
05	MWANYUMBA

- a) Create a database named "EMPLOYMENT" to store the data above. (14mks)
- i) Create relationships between the tables (4 ½ mks)
- ii) Use forms to enter data into the tables (10 ½ mks)
- b) i) Generate a report to display the Name, Year of Birth, Age and Employer's Name for the employees who will be over 30years old by the year 2012 (10mks)

- ii) Compute the mean age of employees on the report you created in b(i) above (2mks)
- c) i) Create a query to displays the employees and their job description save the query as “EMPTYTYPE” (3mks)
- ii) Create a pie chart based on the query in c(i) above to display the proportions of employees in various job descriptions. Save the report as CHART. (3mks)
- d) Print the:
 - i) Three tables
 - ii) Two reports
 - iii) Output of query results for EMPTYTYPE (3mks)