

*S850/2
Subsidiary ICT
Practical Paper
2 Hours*

**UGANDA ADVANCED CERTIFICATE OF EDUCATION
SUBSIDIARY ICT
S850/2
PRACTICAL PAPER
2 HOURS**

INSTRUCTIONS TO CANDIDATES:

Each candidate is provided with a new Compact Disc ROM where all the work will be stored.

Each candidate has a printer connected to his / her machine.

Each candidate is provided with blank printing papers of A4 size.

This paper is made up of five questions.

Answer three questions only.

Use of self help wizard and templates are not allowed.

1. Using a word processing application of your choice, key in the following text as it appears and save it as 'connection'.

Network connection

The server at **merrylandhigh.sc.ug** can't be found, because the DNS lookup failed. DNS is the network service that translates a website's name to its Internet address. This error is most often caused by having no connection to the Internet or a misconfigured network. It can also be caused by an unresponsive DNS server or a firewall preventing Google Chrome from accessing the network.

Check your Internet connection.

Check any cables and reboot any routers, modems, or other network devices you may be using.

Check your DNS settings.

Contact your network administrator if you're not sure what this means.

Try disabling network prediction.

Go to the Chrome menu > Settings > Show advanced settings... and deselect "Predict network actions to improve page load performance." If this does not resolve the issue, we recommend selecting this option again for improved performance.

Allow Chrome to access the network in your firewall or antivirus settings.

If it is already listed as a program allowed to access the network, try removing it from the list and adding it again.

If you use a proxy server...

Check your proxy settings or contact your network administrator to make sure the proxy server is working. If you don't believe you should be using a proxy server: Go to the Chrome menu > Settings > Show advanced settings... > Change proxy settings...> LAN Settings and deselect "Use a proxy server for your LAN".

SOURCE: error message from a Google chrome browser

Instructions:

- (a) Set your margin measurements to centimeters and set the following: Top = 2 cm, bottom 1.5 cm, left = 1.5 cm and right = 1.5 cms.
- (b) Copy your work to page of your document and carry out instructions (c) to (h).
- (c) Centre the heading and apply font face = Times New Roman, size = 14.5 and colour = Red.
- (d) Set your work in three columns and justify the alignment excluding your title and source at the top and bottom respectively.
- (e) Set your work to 1.5 line spacing.
- (f) Drop cap each first letter in each column, for: The server ..., Check your DNS ... and if it is already listed ...
- (g) Insert your name as header and index number as your footer.
- (h) Save your work as 'connections'.
- (i) Print a copy of your work in the two documents.

2. Kampala Examinations Board (KEB) has asked you to use a spreadsheet application of your choice to work on the data below beginning in cell A1 of sheet1 of your workbook saved as ‘examinations’.

NAME	MTC	ENG	SST	SCIE
Muto Ivan	40	80	90	100
Naiga Sandra	60	50	20	40
Saiga Anthony	70	40	30	20
Kibumba Denis	80	15	20	40
Rukundo Joseph	90	90	80	40
Nalubale Vivian	10	100	100	100
Kintu Stephen	20	90	80	75
Walimbwa Paul	40	60	70	90

Instructions:

- (a) Copy your work to sheet2 of your workbook.
 (b) Insert a new column after each subject with a label name ‘Grade’ in each.
 (c) Given that:

- 75 – 100 = 1
 70 – 74 = 2
 65 – 69 = 3
 60 – 64 = 4
 55 – 59 = 5
 45 – 54 = 6
 40 – 44 = 7
 35 – 39 = 8

0 – 34 = 9, hence; determine the grade scored by each student in each subject.

- (d) After the column for SCIE, add two columns for Aggregate and Division respectively.
 (e) Determine the aggregate by summing up all grades obtained by each candidate.
 (f) Given that:

Aggregate 4 – 12 = 1, if a candidate passes MTC and ENG with a score less than or equal to Grade 6.

Aggregate 13 – 22 = 2, if a candidate passes ENG with less than or equal to Grade 8.

Aggregate 24 – 32 = 3,

Aggregate 33 – 36 = 4, hence; determine divisions for each student using appropriate columns.

- (g) Apply a good line boarder around your work.
 (h) In cell A13, enter the following labels downwards: Minimum, Maximum and Average. Hence, determine the values for each basing on each subject ignoring subject grades.
 (i) Using columns for Name and Aggregate, insert a 3D pie – chart to represent this set of data as an object in sheet3.
 (j) Rename your work sheets as “Original”, “Copied” and “Pie-chart”.
 (k) Print all your work in your workbook and exit the application.

3. You are to campaign as a Student Council Chairman for in your school. Prepare a five manually running presentation saves as “council” to include the following details:

- Slide one: Your name, class, stream and your moto. Use a clipart as your symbol.
- Slide two: Leadership History.
- Slide three: What I will do?
- Slide four: Foreseen Challenges!
- Slide five: Conclusion.

- (a) Use a simple background in all your work.
- (b) Apply a uniform animation scheme.
- (c) Insert text “Back” and “Next” or arrows hyperlinked to move your presentation logically.
- (d) Insert slide number beginning from Number 14; your name as footer.
- (e) Insert header as your index number.
- (f) Print a copy of your work in handout mode.

4. The database manager of Budo Satellite Beach provides you with the following two tables:

Table 1: Bio – Data

Emp_Id	First Name	Last Name	Date of Birth	District
	Ivan	Barasa	14-10-1980	Busia
	David	Mauso	16-01-1974	Mbale
	Simon	Kisitu	01-01-1990	Kampala
	Peter	Settabi	12-12-1964	Kampala
	Isaac	Mutoro	14-10-1993	Kampala
	Moses	Magemeso	21-04-1978	Busia
	Stephen	Lutaalo	10-06-1980	Mbale

Table 2: Other Information

Emp_Id	Job Type	Date of Hire	Basic Pay
	Waiter	20-10-2010	150,000
	Waiter	20-10-2012	150,000
	Gardener	21-10-2012	300,000
	Manager	16-10-2012	600,000
	Waiter	21-10-2012	150,000
	Cook	31-12-2012	75,000
	Cook	31-12-2012	75,000

Instructions:

- (a) Create a database and save it as ‘satellite_beach’.
- (b) Create the two tables and save each using a given table name.
- (c) In the field name for Emp_Id, use an autonumber with custom format of “BSB-“001. It should automatically leave a seed of 10.
- (d) Using relevant field names, insert a primary key in each table.
- (e) Design a form that you will use to populate the two tables at once. You can use a form background colour of your choice. Save the form as ‘entry’.
- (f) Using all fields that are not similar from the two tables, design a query that will return workers whose basic pay is 150,000 and come from Busia or Kampala. Save the query as ‘Busia-kampala’.

- (g) Design a query to return all the fields. And on it, add a new field name for NSSF. It is given that NSSF is 5% of basic pay + 20,000 paid by the company.
 - (h) Using all field names that are not similar, design a query from the two tables to return workers who were born between 01-01-1980 and 01-01-1990. Save your query as 'births'.
 - (i) From your query saved as 'births', design a report saved as 'report-births'.
 - (j) Print all your objects used.
5. AHS a new company is to launch its product "Alliance Hot Softdrink". You have been asked to design a flier to contain the following:

Instructions:

- (a) Flier dimensions should be 8cm x 15cm.
- (b) Use a pink background.
- (c) Use relevant pictures from the office collection.
- (d) The drink is packed in a 300ml plastic bottle, price will be shs. 1,000. Include a date of product launch.
- (e) Use varying font sizes for your flier.
- (f) Include a full address of the company (this is your own imagination).
- (g) You should have four fliers on an A4 paper size.

End