

S850/ 2
SUBSIDIARY ICT
PRACTICAL
Paper 2
2 hours



ACEITEKA JOINT MOCK EXAMINATIONS 2023
UGANDA ADVANCED CERTIFICATE OF EDUCATION
SUBSIDIARY ICT
PRACTICAL

Paper 2

2 hours

INSTRUCTIONS TO CANDIDATES

This paper is made up of five equally weighted questions.

Answer any **three** questions.

Any additional questions answered **will not be marked**

Each candidate is provided with a support files folder named **“Resource Support Files S850-2 2017”** on the computers desktop. **Make use of it.**

Each candidate **must have a portable storage media onto which all work done for marking must be saved.**

Candidates are advised to keep on saving their work to avoid total loss of data just in case of power failure.

Each candidate is also **advised to produce a hard copy** of all the work done to accompany the electronic storage media.

Turn over

1. Word Processing Applications Question.

- (a) Using a word processing application, load the article in a file **ebola.rtf** and save it as your name and personal number. **(02 marks)**
- (b) Indicate the title of the article as “Ebola virus disease”. **(01 mark)**
- (c) Bold and double underline the title. **(02 marks)**
- (d) Justify the body of the document. **(01 mark)**
- (e) Generate Table of Content for the article automatically on the first page. **(04 marks)**
- (f) Insert a footnote in the last paragraph as source: “WHO. <http://www.who.int/mediacentre/factsheets/>” **(02 marks)**
- (g) Attach any picture of your choice from support file on page one. **(02 marks)**
- (h) Include your name and random number as header and footer respectively. **(02 marks)**
- (i) Change the page color to an orange accent 6, light 60% color. **(01 mark)**
- (j) Create an art page boarder of 10 pts on page 1 of the article. **(02 marks)**
- (k) Save changes and print your work. **(01 mark)**

2. The family of Mr. Stephen Ojuk went to Shoprite Uganda Supermarket and purchased the following items as at 30th May 2017:

| | A | B | C | D | E |
|----|-----------------------------------|----------|-----------------------|---------------------|-------------------|
| 1 | ITEM | Quantity | Cost per Item in US\$ | Total cost in US \$ | Total Cost in UGX |
| 2 | Kinyara Sugar (1 kg) | 2 | 1.82 | | |
| 3 | Packet Jesa Yoghurt (175 ml) | 5 | 1.5 | | |
| 4 | Pancake | 10 | 0.19 | | |
| 5 | Blue Band | 2 | 1 | | |
| 6 | Chicken whole (1 Kg) | 3 | 5.4 | | |
| 7 | Jesa Fresh Milk (1 Lr) | 4 | 0.84 | | |
| 8 | Ginger (100g) | 2 | 0.42 | | |
| 9 | Bottle of Rwenzori water (500 ml) | 12 | 0.35 | | |
| 10 | Jik Regular Bleach(5 Lrs.) | 1 | 10 | | |
| 11 | Sunseed cooking oil (3 Lrs) | 1 | 9.9 | | |

- (a) Using any available spreadsheet application, load the file **shoprite.csv** and save it as **shop.xls**. **(02 marks)**
- (b) Copy quantity and cost per item from the table into file shop.xls. **(02 marks)**
- (c) Use formulas and functions:
 - i. To calculate the total cost for items purchased. **(02 marks)**
 - ii. Given US \$ 1.00 is equivalent to UGX 3650, with the idea of absolute referencing compute the Total cost in UGX for entire items purchased from this supermarket. **(02 marks)**

- (d) Include the \$ and UGX symbols to appear for all items against their totals in columns D and E respectively. (02 marks)
- (e) Find out the number of item whose price is less than US \$ 1 in cell C13. (02 marks)
- (f) Name the sheet 1 and sheet 2 data and graph respectively. (01 mark)
- (g) Include your name and personal number as footer. (01 mark)
- (h) Design a 3 D clustered column chart in sheet named graph to represent Item and Total Cost per item in \$. Label the axes, title and legend clearly. (03 marks)
- (i) Highlights all values that appear more than once in the grids with a color of your choice. (02 marks)
- (j) Save the changes and print your work. (01 mark)
3. Assume you are the president of the Health Club in your school; make a presentation of five slides to sensitize students about dangers of **Malaria** in humans. Extract your points adapted from file *Malaria.doc* in article “What is Malaria? By Dr. Helen Webberly on 23rd February 2016 www.medicalnewstoday.com/articles/150670.php.
- (a) Load a file *anoph.ppt* and include the Title of the presentation and the author. (02 marks)
- (b) **Slide 2:** What is Malaria?
Definition of Malaria and relevant graphic should be included. (02 marks)
- (c) **Slide 3:** Types of *Plasmodium* parasites that affect humans. Relevant pictures from the support file should be included in this slide. (02 marks)
- (d) **Slide 4:** Causes, Symptoms of malaria and Risks are to be stated in Smart Art graphic of your choice. (02 marks)
- (e) **Slide 5:** Treatments. Treatments for Malaria are to be listed in pyramid List Smart Art graphic. (02 marks)
- (f) **Slide 6:** Prevention for Malaria and Way Forward for Ugandan to be included in this slide with relevant picture. (02marks)
- (g) All slides are to have uniform attractive backgrounds to motivate. (02 marks)
- (h) Use animation and transition effects to motivate the audience. (02 marks)
- (i) Include action buttons for easy navigation between slides. (01 mark)
- (j) Your names should appear as footer in all the slides. (01 mark)
- (k) Save and print the presentation (02 mark)

4. KCCA keeps record of journeys made per day by bus companies in the city.
- (a) Create database file **bus** using Database Management System (DBMS) application. (01 mark)

Company Table

| CompID | Company Name |
|--------|----------------|
| BUS001 | Gaagga Coaches |
| BUS002 | Baby Coaches |
| BUS003 | Link Coaches |
| BUS004 | KK Coaches |
| BUS005 | YY Coaches |

Journey Table

| JourneyNo | CompID | TownFrom | TownTo | PricePerAdult |
|-----------|--------|----------|------------|---------------|
| 1 | BUS005 | Kampala | Mbale | UGX. 15,000 |
| 2 | BUS003 | Kampala | FortPortal | UGX. 25,000 |
| 3 | BUS003 | Kasese | FortPortal | |
| 4 | BUS001 | Kampala | Gulu | UGX. 25000 |
| 5 | BUS002 | Kampala | Juba | UGX. 50,000 |
| 6 | BUS004 | Koboko | Kampala | |

- (b) Design Company Table with its appropriate fields and data types. (03 marks)
- (c) Design Journey Table with its appropriate fields and data types. (03 marks)
- (d) Apply the primary keys in Company and Journey tables respectively. (02 Marks)
- (e) Create a Relationship between company and journey tables. (02 marks)
- (f) Import the spreadsheet records files to the bus database:
- i. **Company.xls** from support files to Company Table. (01 mark)
 - ii. **Journey.xls** from support files to journey Table. (01 mark)
- (g) Design the following forms with all attributes from their tables:
- i. Company form, name it *company*. (01 mark)
 - ii. Journey form. Name it *Journey*. (01 mark)

- (i) Design a query that can generate companies' name, and other attributes without fixed price per Adult. Name it **notkampala** query. (02 marks)
- (j) Produce the report of notkampala query. Name it **notkampala** Report. (02 marks)
- (k) Save the changes and print your work. (01 mark)
5. Assume by August 2017, you will be 18 years old. Your parent advises you to invite your friends for your birth day party which will be organized at Serena Hotel.
- (a) Load Desktop Publication application of your choice and save it as invitation. (02 marks)
- (b) Adjust the page layout to landscape orientation with appropriate width and height. (02 marks)
- (c) Design your invitation card similar to the samples in a file **invitation.doc** found in the support file provided. In the invitation card include the following:
- i. Invitation message and the person you are inviting. (02 marks)
 - ii. Date and time of the event. Also include the venue of the party. (03 marks)
 - iii. Information about RSVP. (02 marks)
- (d) Apply appropriate background and font colors. (02 marks)
- (e) Insert an appropriate picture or graphic from the support file in the invitation card to enhance the value of the card. (02 marks)
- (f) Apply appropriate design art or color for the border of your certificates. (02 marks)
- (g) Adjust the invitation certificate such that there are two certificates in an A4 paper layout. (02 marks)
- (h) Save changes and print your work. (01 mark)

End