

S850/2
SUBSIDIARY ICT
(PRACTICAL)
Paper 2
June/July 2022
2 hours

MWALIMU EXAMINATIONS BUREAU

UACE RESOURCE MOCK EXAMINATIONS 2022

SUBSIDIARY ICT

(PRACTICAL)

PAPER 2

2 Hours

INSTRUCTIONS TO CANDIDATES:

- a). You are provided with a folder saved as **MOCK-2022** where you will find necessary files for the examinations.*
- b). Each candidate is provided with a new **Compact Disc R** where all the work shall be stored.*
- c). Each candidate has a printer connected to his / her computer.*
- d). Each candidate is provided with blank printing papers of A4 size.*
- e). Attempt only **three** questions in this paper.*
- f). Use of self help wizard and templates are not allowed.*

1. Open a word processing software and type the document below as it is. save it as **sub-ict-your name**. (03 marks)

COMMUNICATION PROTOCOLS

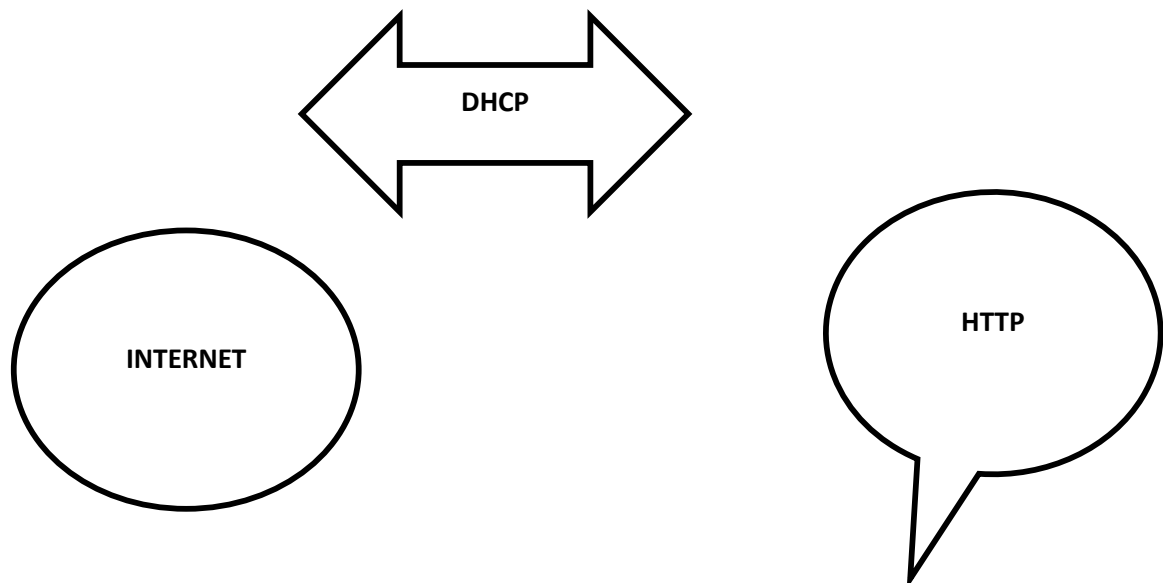
What is a protocol?

A protocol is a set of rules for exchanging information among computers. Protocols define how the communication channel is established, how information is transmitted, and how errors are detected and corrected.

Examples of communication protocols include;

- ♣ File transfer protocol
- ♣ Dynamic host configuration protocol
- ♣ Transmission control protocol/ internet protocol
- ♣ Simple mail transfer protocol
- ♣ Hypertext transfer protocol

Communication protocols illustrations



Required:

- | | | |
|------|---|------------|
| i) | Set the first paragraph to appear in two columns and justify. | (02 marks) |
| ii) | Apply 1.5 line spacing on the last paragraph. | (01 mark) |
| iii) | Indent the last paragraph 6mm left and 6mm right. | (02 marks) |

- iv) From the support file, insert the image “**Protocols**” behind the text of the first paragraph. (02 marks)
- v) Apply page margins of 18mm left, 18mm right, 18mm top and 18mm bottom of your document. (02 marks)
- vi) Apply a diagonal watermark of **your name and personal No.** (02 marks)
- vii) Apply a footnote to the title of your document and add the phrase “**RULES FOR THE EXCHANGE OF INFORMATION**”. (01 mark)
- viii) Apply page numbers of roman numerals to your document. (02 marks)
- ix) Add a red page border to your document. (01 mark)
- x) Save and print a copy of your work. (01 mark)

2. Open a file saved as **payroll** and carry out the following instructions.

- (a) Copy the work to sheet 2 of your work book (02 marks)
- (b) Using the **lookup** function, determine the appropriate department for each worker based on **Basic pay** schedules below (03 marks)

Basic pay	Department
Less than 500000	C
Between 500000 and 850000	B
Greater than 850000	A

- (c) Determine the value of **Housing, Transport and Meals** using absolute cell referencing taking care of cells **D2, E2 and F2** basing on **Basic pay** (03 marks)
 - (d) Compute Gross pay where Gross pay is the summation of Basic pay and all the allowances. (02 marks)
 - (e) Add a label **POSITION** in **column H** and use a function to compute the positions based on Gross pay. (02 marks)
 - (f) Generate a pie chart for **BIREETWA SIMON** for basic pay, housing, transport and meals. (02 marks)
 - (g) Border all your work (01 mark)
 - (h) Add a footer of your name and personal number (01 mark)
 - (i) Rename sheet 1 **Original** and sheet 2 **Copied** (02 marks)
 - (j) Insert a title of your choice in your work in sheet labelled copied. (01 mark)
 - (k) Save your as payroll+ Your name and personal number. (01 mark)
3. Load a presentation program you will use to sensitize S4 Candidates about Covid 19 pandemic. Use the file **COVID 19.docx** in support file folder to generate information.
- (i) Slide I: Title and definition of Corona virus (02 marks)
 - (ii) Slide II: Symptoms of Covid-19 (02 marks)
 - (iii) Slide III: How to prevent Covid-19 (02 marks)
 - (iv) Slide IV: A column chart showing covid cases in East Africa. (02 marks)
 - (v) Slide V: Conclusion. (02 marks)

REQUIRED;

- Add transitions and custom animations to your slides (02 marks)
- Add a timing effect of 3 seconds to your slide (01 mark)

- Add a looping effect to your presentation. (01 mark)
- Add a footer of your name and personal number. (01 mark)
- Add action buttons to all your slides (01 mark)
- Add speaker notes to slide 4 as “This data is for examination purposes only”. (01 mark)
- Add appropriate images to your slides (01 mark)
- Add appropriate backgrounds to your slides (01 mark)
- Save your presentation as **Covid_2019 + your name** (01 mark)

4.

- (i) Open a database program pf your choice and load the file **vehicle.accdb** from the support file folder and rename the database with **your names**. (01 mark)
- (ii) Adjust the field names with appropriate data types and description. (02 marks)
- (iii) Set the field **cost** to have the units “**UGX**”. (01 mark)
- (iv) Set the field **In stock** to have a lookup wizard to display the choices automatically. (01 mark)
- (v) Create a form based on the above table. put “**VEHICLE FORM**” as a header and personal number as footer. Save it as **Vehicle_2022**. (04 marks)
- (vi) Create a query to calculate Total cost given that total cost = COST * QTY. Save it as **Total cost_2022**. (03 marks)
- (vii) Create a query to display all vehicles manufactured before 2030. Save it as **Vehicle_2030**. (02 marks)
- (viii) Create a query to display all vehicles under the field CarMake ending with letter a. Save it **Vehicle_a**. (02 marks)
- (ix) Create a query to display all vehicles made from japan. Save it as **Japan_2022**. (02 marks)
- (x) Create a report to display all records from the table and insert footer of your name and personal no. Save it as **report_2022**. (02 marks)

5. Using an A4 paper size, design a poster for your campaigns 2022 as the secretary for defence for your village. Save the publication as **Campaign**. Your nice looking poster should include the following details: (02 marks)
 - a) Margin settings: 1.5 cm top, bottom, left and right. (02 marks)
 - b) Add vertical and horizontal guides. (01 mark)
 - c) Add relevant details on your poster. (10 marks)
 - d) Your main heading should have a word art of your choice. (02 marks)
 - e) Insert a clip art to represent your party symbol. (01 mark)
 - f) Add a footer of your name and print two copies of your work. (02 marks)

END