S850/2
Subsidiary ICT
 PRACTICAL
  Paper 2
November 2024
  2 hours

KABS ICT RESOURCE CENTER

Senior Five End of Year Examination

SUBSIDIARY ICT

(PRACTICAL)

Paper 2

2 hours

INSTRUCTIONS TO SUB - CANDIDATES:

This paper is made up of **five** *equally weighted questions.*

Answer any **three** *questions.*

Any additional question(s) will **not** *be marked*

Each candidate is provided with support files in the folder **Support Files** *on the Computer Desktop. Use the support files where applicable to supplement the questions.*

Candidates should continuous **save** *their work.*

Each candidate must produce a **hard copy** *for each question answered to accompany the* **Soft Copy**.

Turn Over

Answer any **three** *questions in this paper*

1. Using a word processor of your choice, type the document below using **Comic Sans Ms** font style with font size 14, Save it as **Reading Lesson 1**. (04 marks)

Jack is a young lad living with his widowed mother. Their only means of income is a cow. When this cow stops giving one morning, Jack sent to the market to sell it. On the way to the market he meets an old man who offers to give him "magic" beans in exchange for the cow.

Jack takes the beans but when he arrives home without any money, his mother becomes angry and throws the beans ~~to the ground and sends Jack to~~ bed without supper.

(b) Copy all the text and paste it on to page two. (01 mark)

(c) Include a centred heading **JACK & THE BEAN STALK** and format it to size 28 orange colour with a green wavy underline. (03 marks)

(d) Change the spacing for all paragraphs of text to 1.5. (01 mark)

(e) Drop cap on two lines the letter beginning paragraph one. (01 mark)

(f) Insert an auto shape of a face in the middle of paragraph 1. (02 marks)

  • Wrap text around it **Tight**.

(g) Insert a **watermark** as "**Reading Lesson"** in your work. (01 mark)

(h) On page 2 below the text, use a table of 7 **rows** and 3 **columns** to design your class time table. (02 mark)

(i) Modify the table in (h) and make it appear like the one below. (03 marks)

Timetable for Reading lessons			
	CLASS 2	CLASS 3	**BREAK**
Monday	▓▓▓▓▓▓	▓▓▓▓▓▓	
Tuesday			
Wednesday		▓▓▓▓▓▓	
Thursday		▓▓▓▓▓▓	
Friday	▓▓▓ ‖‖		

KEY:

‖‖‖‖‖‖‖‖ Teacher Agnes   ▓▓▓▓▓▓▓▓ Teacher Helen

(j) Insert a header of your name and Class. (01 mark)

 (k) Save changes to your work and print out. (01 mark)

Turn Over

2. Load a suitable presentation package and carry out the following tasks. Import the file **J224LANDINGS.docx** from support Files saved on the Desktop placing the text as slides in your presentation software. (This should provide 5 slides).   (03 marks)

The master slide must have:

i. A blue 6point wide horizontal line between the Master title and Master Text styles
ii. Heading with font 48point Comic Sans MS aligned to the center of the slide.
iii. A picture of a boat from clipart placed in the top left corner and **J224FISH.JPEG** placed to the right corner above the line. Resize the images so that they fit the space without touching or overlapping the line. Make sure the aspect ratio is maintained
iv. your name in a 10point black Tahoma font in the bottom left corner
v. automatic slide numbers in the bottom center
vi. Apply all master slide elements to all slides.
    Your master slide may look like this: (06 marks)
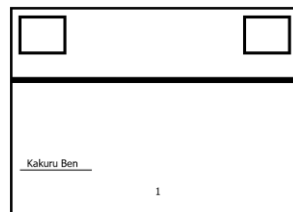
vii. Insert a new slide before slide 1. Use a layout with a title and subtitle for the new slide.   (02 marks)
viii. Enter the text **UK Fishing Fleet** as the title.
ix. Enter the text **Summary of species landed** as a subtitle.
x. On the first slide insert a **star shape** in the bottom right corner. Enter the text 2025 in the center of the star.   (01 mark)
xi. Load the file **J224TYPE.xlsx** and create a vertical Column chart using that data   (03 marks)
xii. This chart should compare the quantity and value of each type of fish landed.
xiii. Label the chart with
      ➕ the title **Fish Landed**
      ➕ axis titles as **Fish Type** and **Number**
xiv. Copy and place the chart to the right of the bullet points on the slide with the title **Landings by UK Vessels**: (Save the sheet in your folder as Chart Data)
                                                                                  (02 marks)
xv. Save the presentation as **UK Fishing Fleet** in Your Folder
xvi. For the entire presentation, Format it with the following guidelines
      ❖ Use any of the slide design

Turn Over

- ❖ Loop automatically until 02 sec, with a slow transition
- ❖ apply animation scheme of your choice   (01 mark)

xvii. Link all slides to one another using action buttons with a Text **NEXT** in all your action buttons used except the return button   (02 marks)

- o Print the presentation as handouts with six slides to the page.
- o Print the slide with the title Landings by **UK** Vessels as a full slide.

3. Open a database file called **TULITYA.accdb** that is in your support folder

a) Import the data from a file called **TREATMENT.xlsx** that is in the support folder into the database   (02 marks)

b) In the imported table,

- Rename the table as Mothers
- Change the format of units for doctors' fees to **UGX**
- Set the date format to medium date
- Format the Name field to automatically store names in upper case
- For purposes of validation, enter a rule that will limit Doctors fees to Not more than shs 900,000
- Use a function to determine the average Doctors fee

(04 marks)

c) Create a relationship between the two tables.   (01 mark)

d) Create a form that can be used to enter new data in the mothers table and save it as **Entry Form**.   (01 mark)

(i)   On your form calculate 15% discount on doctors' fees   (02 marks)

(ii)   Given that Doctors whose fee is 200000 and above are categorized as "Form" otherwise "substance" use an IIF function to work out this in a new field named **Category**.   (02 marks)

(iii)   Add date and time you created your form   (01 mark)

(iv)   Create a footer of your names and class   (01 mark)

(e) Create queries

(f) In table 1 to select girl children born with complications, save query as ***Complicated***
                                                                                              (02 marks)

(g) In the mothers table to determine mothers whose date of birth occurred in December and save it as **December**   (02 marks)

(h) Make a report for complicated girl children with the following information (02 marks)

(i)   Arrange in descending order of names

(ii)   A label of your name as a header

(i) Print your work

4. Enter the data below into a suitable spread sheet application program and save it as **"Raw Marks"** (04 marks)

Student Number	Names	Telephone number	Test A	%	Test B	%
01	Harriet	0712445230	53		43	
02	Beth	0702512012	48		22	
03	Harith	0772652310	62		35	
04	Bruno	0773652149	85		68	
05	Hyde	0782416212	56		56	
06	Hearte	0752316242	72		70	
07	Pilly	0774512634	62		48	

(ii) Copy the work in (i) and paste it in worksheet 2 of the same workbook. Name the worksheet 2 as "Percentage-marks". (02 marks)

(iii) Given that Test A and Test B are Marked Out of 90 and 70 respectively, enter appropriate formulae to calculate the percentage marks to one decimal place value for both tests using "percentage-marks" worksheet. (02 marks)

(iv) Use functions to obtain the difference between the highest and the lowest percentage marks in Test A in cell E15. (02 marks)

(v) Calculate the average mark for Test B in cell G15. (01 mark)

(vi) Using the "if statement, assign grades to students using their percentage marks of test B in a way that , marks above 80, assign a **D1**,75-79, a **D2**, 70-74, a **C3**, 60-69, a **C4**, 50-59, a **C5**,the rest an F. (03 marks)

(vii) Add a column comment and determine the comments as follows; 80+ = **"Excellent"**, 70-79 = **"Very Good"**, 60-69= **"Tried"**, 50-59 = **"Fair"** otherwise **"Work Hard"**. (02 marks)

(viii) Select the names, set A and Set A % columns to form a column chart with appropriate title and labels. Save it as **Performance Analysis**. (03 marks)

(ix) Using this chart, convert the values for set A into a line graph. (02 marks)

Turn Over

5. (a) Using any desktop publication software of your choice, create the document below as it appears. Save it as your personal number. (04 marks)

   (b) Set the page to landscape orientation and in A4 paper size. (01 mark)

NETWORK TOPOLOGY!

Image

BUS TOPOLOGY   STAR TOPOLOGY   RING TOPOLOGY

1   2
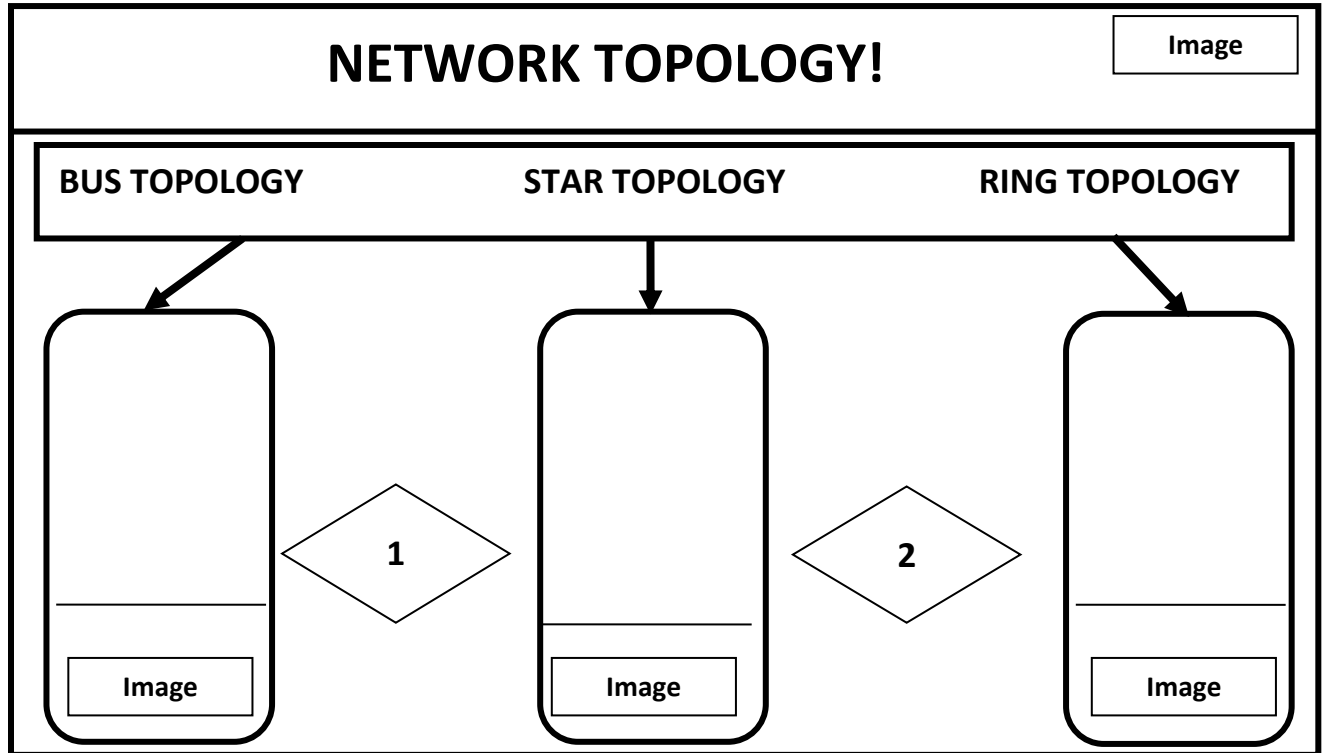
Image   Image   Image

   (c) Insert text from the file **TOPOLOGIES.doc** into the appropriate auto shapes.
   (03 marks)
   (d) Insert respective images in the text in the auto shapes. (03 marks)
   - Bus image on the left text box
   - Star image in the middle textbox
   - Ring image in the right text box
   (e) Fill rounded shapes and their title rectangle shape with an orange color and the whole text box with a gold color. The major background color is Marbel.
   (03 marks)

   (f) Enhance the arrows connecting to auto shapes with a dark blue 4pt weight size.
   (02 marks)

   (g) Insert the picture from the file **INTERNET.doc** to the right of the Title. Resize the picture to fit in the textbox. (02 marks)

   (h) Insert footer as your name and personal number. (01 mark)

   (i) Save and print your work (01 mark)

END