S850/2
Subsidiary ICT
PRACTICAL
Paper 2
July/Aug.2024
2 hours

NAMIREMBE DIOCESE COUHEIA SECONDARY
MOCK EXAMINATIONS 2024
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 question(s) will **not** *be marked*

Each candidate is provided with support files in the folder **S850_2 COUHEIA Support Files** *on the Computer Desktop. Use the support files where applicable to supplement the questions.*

Each candidate is provided with a **new blank Compact Disc (CD)**.

Use a **permanent marker** *to write your name, random and personal numbers on our CD.*

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

Each candidate must produce a **hard copy** *for each question answered to accompany the* **Compact Disc (CD)**

Restoring the Church in Education

Turn Over

1.   (a)   Using a word processing application, open the file Artificial Intelligence and save is it as your name and personal number.   *(01mark)*

(b)   Copy the document to page two.   *(01mark)*

Using the pasted work on page two perform the following tasks

(c)   Add a suitable heading for the document. Double underlined, centered and format it to title case.   *(03marks)*

(d)   Change the text appear in font style regular and Arial font type   *(02marks)*

(e)   Insert a two-line *Drop Cap* on the first paragraph.   *(02marks)*

(f)   Convert paragraph four to two columns with a line separator.   *(02marks)*

(g)   Apply a paragraph broader on the last paragraph   *(01mark)*

(h)   Use a bulleted list for the various applications of AI in paragraph two.   *(02marks)*

(i)   Insert page numbers in the format (page 1 of 2) at the bottom of the pages.   *(01marks)*

(j)   Add an appropriate image as a *Watermark*.   *(02marks)*

(k)   Set all page margins to 1.4 inches.   *(01mark)*

(l)   Add a footer as the current date and time.   *(01marks)*

(m)   Save and print your work.   *(01mark)*

2.   (a)   Using a spreadsheet application, open the file **S6 ICT RESULTS** and save it as your name and personal number.   *(01marks)*

(b)   Wrap text the first row with Names   *(01mark)*

(c)   Align the label in cell A1 to 45^0.   *(01mark)*

(d)   Insert a suitable title for the data centered across the table   *(02mark)*

For parts (e)-(h), use appropriate formulas to determine:

(e)   **Paper one marks out of 40 (P1/40)** for every student (Make use of cell A9)   *(02marks)*

(f)   **Final mark** of every student which is the sum of P1/40 and P2/60   *(01mark)*

(g)   **Position** of every student   *(02marks)*

(h)   Number of students who got a point if a point is given to students with 50 and above. (Put it in cell A10)   *(02marks)*

(i)   Add All Borders to the cells containing the table.   *(01mark)*

(j)   Draw a well labeled Column-chart showing **Students and their final mark**. Add a suitable heading for the chart.   *(03marks)*

(k)   Insert your name and personal number as a footer.   *(01 mark)*

(l)   Sort the Data by Name of students in descending order.   *(02marks)*

(m)   Save and print your work.   *(01 mark)*

3. Using a presentation software, create a four-slide presentation as follows:
   (a) On the title slide:
       (i) Give title as Internet. *(01mark)*
       (ii) Type your name as the presenter. *(01mark)*

   *Open the file called **internet** and use it for slides 2 and 3.*
   (b) On the second slide:
       (i) Requirements of connecting to the internet *(02marks)*
   (c) On the third slide:
       (i) Advantages and disadvantages of using internet *(03marks)*
   (d) On the fourth slide, make a conclusion of the presentation. *(02marks)*
   (e) Insert the two pictures from the file Internet, align then at the top left and top right corner of each slide given a scale of 50%widith and 50% height. *(03marks)*
   (f) Change all title to uppercase and center aligned. *(02marks)*
   (g) Apply uniform, animations and transition *(02marks)*
   (h) Apply a texture background to all slides *(01mark)*
   (i) Insert your name as footer and current date and time *(01mark)*
   (j) Save your presentation as your name and personal number. *(01mark)*
   (k) Print all your slides on one page. *(01mark)*

4. (a) Using a publication software, design a card of appreciation to an employee for special services rendered to an institution as follows: *(03marks)*

       (i) Create a blank page.
       (ii) Change the page to landscape orientation.
       (iii) Set the dimension to 8"by 8.5"
   (b) Insert the relevant text in the card. *(04marks)*
   (c) Format the name of the institution to Word Art *(02marks)*
   (d) Apply Boarder Art of your choice around the card. *(02marks)*
   (e) Enhance your card with appropriate background, color and text fonts *(03marks)*
   (f) Insert on the card a logo from image folder. *(03marks)*
   (g) Type your name in a colored font as the person to be appreciated. *(01marks)*
   (h) Save your card as your name and personal number. *(01mark)*
   (i) Print your card. *(01 mark)*

5. (a) Using suitable database management software, create a database and name it *Student's Bio Data*. **(01mark)**

Student ID	Surname	Other Name	Date of Birth	Place of Birth	Sex	Class	Termly Fees
ST001	Kawa	Fred	01/05/1990	Wakiso	Male	S5	515,000
ST002	Kaye	Sharif	05/02/1995	Wakiso	Male	S1	650,000
ST003	Logose	Mary	17/09/1994	Wakiso	Female	S5	800,000
ST004	Bata	Bena	20/06/1997	Wakiso	Female	S3	950,000
ST005	Obote	Bonny	13/04/2000	Kampala	Male	S2	790,000
ST006	Mane	Abou	12/03/2002	Wakiso	Male	S1	900,000

(b) Create a table with appropriate data types and a primary Key .name it *Student's Data Table*. **(03marks)**

(c) Validate the termly fee field to allow only entries above 500000shs. **(02marks)**

(d) Use a column lookup on the field Sex. **(01mark)**

(e) Make Wakiso to be a default value in the district field **(01marks)**

(c) (i) Create a form and use it to enter the data in the table Save it data entry *Form*. **(03marks)**

(ii) Insert your name and personal number in the form footer. **(01mark)**

(d) Create a query displaying the following fields: **Student ID, Surname, Other Name, Class, Termly Fees** and **Fees Balance**. (Hint: **School fees for each class is Shs950,000**). Save the query as *Fees Balance Query*. **(02marks)**

(e) Create a query to extract all students born after the year 1994 and before the year 2000. Name it *Birth Date Query*. **(02marks)**

(f) (i) Create a report displaying the following fields: **Student ID, Surname, Other Name, Date of Birth, Termly fees** and **Yearly Fees**, sorted in ascending order. Give your report a title. **(02marks)**

(ii) Insert your name and personal number in the Report Footer. **(01mark)**

(g) Print all your work. **(01 mark)**

END