

840/2  
COMPUTER STUDIES  
PRACTICAL  
(Paper 2)  
August 2023  
2 hours 30 Minutes



**JINJA JOINT EXAMINATIONS BOARD (JJE)**

**UGANDA CERTIFICATE OF EDUCATION**

**COMPUTER STUDIES**

**840/2**

**PRACTICAL PAPER**

**2 Hours 30 Minutes**

**INSTRUCTIONS TO CANDIDATES:**

- a) *This paper is made up of two Sections A, and B respectively.*
- b) *Section A contains **one** question. This question is **compulsory**.*
- c) *Section B contains **three** questions. Answer any **two** questions from this section.*
- d) *Each candidate is provided with a new **blank compact disk**.*
- e) *Each candidate must produce a **hardcopy** for each of his/her work to accompany the compact discs.*
- f) *Software help wizard **must not** be used.*

**SECTION A (40 MARKS)**

*This section is compulsory. Answer all the questions*

1. (a). Using a word processing application, type the following text and save it as your name and personal number (05 marks)

The new lower secondary curriculum is a competence based curriculum (**CBC**) which has brought about learner centered environment in secondary schools. It is aimed at solving many of the problems associated with a knowledge curriculum where the teacher knows it all. The teacher in this curriculum is a facilitator whose role is to prepare and assign learners with class activities that provoke the learners into a discussion environment. The facilitator then assesses the learner's discussions and then harmonizes.

Through handling various tasks and embracing the use of cross cutting issues, learners develop a lot of values and generic skills such as;

- Critical thinking and Problem solving
- ICT Proficiency
- Collaboration and team work

In this curriculum learner are to be assessed by their teachers during the learning to evaluate the level of achievement basing on the different competences. This is done through activities of integration and projects and this will be followed by end of cycle assessment

- i. / Add an appropriate heading to the text and enhance it with font color model **RGB** 234, 100, 122. (03 marks)
- ii. / Drop cap the first letter of the first paragraph to three lines. (02 marks)
- iii. Format the text to appear in two columns with a line between. (02 marks)
- iv. Add a diagonal watermark of the phrase "THE COMPETENCE BASED CURRICULUM" to the document (02 marks)
- v. Apply a red text highlight color to the last paragraph (01 mark)
- vi. Insert an endnote reading "A skill which is not specific to work in a particular occupation" on the phrase generic skills in the text. (02 marks)

- vii. Insert an auto date and your personal number in the header section (02 marks)
- viii. Save and print your (01 mark)

(b). Nsaiga and Sons Co Ltd is an organization having rentals in various parts of the Uganda. Use a spreadsheet program to capture the data below and save it as your name and personal number. (04 marks)

| TOWN     | SINGLE ROOMS | DOUBLE ROOMS | APARTMENTS | TOTAL REVENUE | RENOVATION CHARGES | NET REVENUE |
|----------|--------------|--------------|------------|---------------|--------------------|-------------|
| IGANGA   | 26           | 25           | 06         |               |                    |             |
| MBALE    | 30           | 32           | 04         |               |                    |             |
| MASAKA   | 07           | 11           | 03         |               |                    |             |
| BUSHENYI | 09           | 06           | 10         |               |                    |             |
| HOIMA    | 33           | 18           | 07         |               |                    |             |
| LUGAZI   | 12           | 16           | 02         |               |                    |             |

- i. Rename your worksheet as rentals (01 mark)
- ii. Insert a suitable heading for the data (02 marks)
- iii. Add a revenue column after every rental type and calculate the revenue for each rental type given that the organization charges UGX 150,000, UGX 250,000 and UGX 450,000 for single rooms, double rooms and apartments respectively (04 marks)
- iv. Compute the total revenue for each town (02 marks)
- v. Assuming that the company spends 8% of the total revenue on renovations, obtain the amount spent on renovation for each town. (02marks)
- vi. Compute the net Revenue for each town (02 marks)
- vii. Arrange your data in descending order according to towns. (02 marks)
- viii. Save and print all your work. (01 mark)



## SECTION B (60 MARKS)

*Attempt only two questions from this section.*

2. The table below shows the records of employees in Paaya Poultry Farm.

| Employee ID | Name            | Gender | DOB         | District of origin | Basic Salary | Over-time Allowance |
|-------------|-----------------|--------|-------------|--------------------|--------------|---------------------|
| K001        | Margie Nykitoi  | F      | 22/May/1992 | Tororo             | 250,000      | 15,000              |
| K002        | Huzaifa Kigonya | M      | 14/Jun/1980 | Kamuli             | 300,000      | 23,000              |
| K003        | Sara Ogola      | F      | 5/May/1980  | Tororo             | 500,000      | 60,000              |
| K004        | Keith Jogo      | M      | 14/Dec/1978 | Buyende            | 210,000      | 20,000              |
| K005        | Mulongo Alice   | F      | 1/Mar/ 1977 | Luuka              | 400,000      | 28000               |
| K006        | Ruth Makezi     | F      | 3/Jun/1989  | Kibuku             | 455,000      | 32,000              |

- Create a database for Paaya Poultry Farm and save it as your name and personal number (02 marks)
- Design a table using appropriate data types and save it as **farm data** (04 marks)
- Insert a primary key on an appropriate field (02 marks)
- Create a data entry form to enter the above data, save it as **poultry data form** (06 marks)
- Use your form to calculate the Total salary for each employee given that total Salary is the Sum of basic Salary and Overtime Allowance. (04 marks)
- Using a Query add another Field called **Age** and calculate the age for each employee. Save it as **Age query** (03 marks)
- Using all fields, create a query for only females from tororo district (04 marks)
- Create a query for Employees whose basic salary is above 400,000, Save it as **Greater than 400K** (02 marks)
- Create a report showing the employee ID, Name, district of origin and total Salary. Name it **farm report** (02 marks)
- Print all your work (01 mark)

3. You have been selected to prepare a presentation for the senior one Orientation day about ICT in school.

(a) Prepare a Five Slide presentation with the following information

**Slide one:** Topic of the presentation and your name as the presenter.

(04 marks)

**Slide two:** Four ICT tools in school

(03 marks)

**Slide three:** Ways through which ICTs are used in schools

(04 marks)

**Slide four:** Positive effects of ICTs in societies

(03 marks)

**Slide five:** Concluding remarks

(03 marks)

a) Apply different Animations on the slides and set the presentation to loop continuously until Esc

(04 marks)

b) Use a different gradient fill background for each slide

(03 marks)

c) Link slide one to slide four using a hyperlink

(02 marks)

d) Insert Slide numbers on all sides in your presentation.

(01 marks)

e) Save your work as your name and personal number

(01 mark)

f) Print your all your work in handout mode

(02 marks)

4. Using any Suitable Web authoring Software, design a Website for Nansololo primary school and include the following;

(a) **PAGE 1:**

School name: Nansololo primary school

A marquee with the statement "Nansololo is our home"

School motto: Never give up

Physical address: Nansololo sub-county, Kaliro district.

(05 marks)

(b) **PAGE 2:** To contain a data entry form. To capture the following details from pupils interested in joining the school.

Pupil's name

Sex

Age

Class

The submit button

(05 marks)

(c) **PAGE 3:**

A table with a list of three curricular and three co-curricular activities

(06 marks)

(d) Use appropriate title for each web page

(03 marks)

(e) Apply a background color for each of your pages

(03 marks)

(f) Include page navigation links on each page.

(06 marks)

(g) Save all your files in a folder named as Nansololo web

(02 mark)

(h) Print your work

(02 mark)