

840/2  
COMPUTER  
STUDIES  
PRACTICAL  
Paper 2  
Jul/Aug 2019  
2 ½ hours



**MUKONO-KAYUNGA JOINT MOCK EXAMINATIONS BOARD**

**Uganda Certificate of Education**

**COMPUTER STUDIES MOCK EXAMS**

**Paper 2**

**2 hours 30 minutes**

**INSTRUCTIONS TO STUDENTS:**

*This Paper consists of **two** sections **A** and **B**.*

*Section **A** contains one **compulsory** question.*

*Section **B** contains **three** questions. Answer any **two** questions in this section.*

*Each candidate is provided with a **new blank compact disc**.*

*Each candidate **must** produce a **hard copy** for each of their work to accompany the compact disc.*

*Software help wizards **must not** be used.*

## SECTION A (40 MARKS)

Answer **all** questions in this section

1. a) (i) Using the suitable word processing software, type this document as it is. (06 marks)

### HUMAN BEINGS

Most infants are guided through life by a parent or guardian and taught how to talk, walk, eat and generally behave. The socialization process begins as soon as we are born when we begin to imitate people around us, copying the shapes and noises in our environment. Many other people and circumstances affect our appearance, attitude and behavior, such as work, lifestyle, ethnicity, family, environment, peer group (friends), gender, media etc.

Human beings are very different throughout the world and opinions of what constitutes a natural or nurtured human being differ enormously. Without socialization, an individual would bear little resemblance to any human being defined as “normal” by the standards of his or her society.

There have been some instances where a person has been deprived of the assistance of a parent or any other social and human presence. These beings are often referred to as feral people meaning “wild”.

An example of feral people was the Wolf-children of Amritsar who were reportedly found in a wolf den in a Bengal forest in 1920. The children, age two and eight, walked on all fours, preferred a diet of raw meat, howled like wolves and lacked any form of speech.

(Adapted from: McKenzie and Bryden (2004:50), Introducing Word 2000 for Windows)

### **Further Required**

- |         |                                                                                            |            |
|---------|--------------------------------------------------------------------------------------------|------------|
| (ii).   | Copy and paste the document to page 2.                                                     | (02 marks) |
| (iii).  | Using the copy on page 2, center, bold and underline the heading and make it font size 24. | (02 marks) |
| (iv).   | Center align the second paragraph and make it all italics.                                 | (02 marks) |
| (v).    | Italicize the source of the document and make it font size 8.                              | (02 marks) |
| (vi).   | Spell check your document.                                                                 | (02 marks) |
| (vii).  | Insert your name and index number as footer.                                               | (02 marks) |
| (viii). | Save your work as <b>MyWork</b> .                                                          | (01 mark)  |

b) The following information was drawn from Kiwoomya College payroll for the year 2015. The figures are in UGX.

**KIWOOMYA COLLEGE**

**Payroll for December 2015**

| Names        | Sex | Faculty  | Basic   | Medical | Transport | PAYE | Housing | Gross pay | Net pay |
|--------------|-----|----------|---------|---------|-----------|------|---------|-----------|---------|
| Male         | M   | Music    | 356,000 |         |           |      |         |           |         |
| Kawooya      | M   | Arts     | 452,000 |         |           |      |         |           |         |
| Nankya       | F   | Sciences | 632,500 |         |           |      |         |           |         |
| Lule         | M   | Sciences | 600,000 |         |           |      |         |           |         |
| Musoke       | M   | Arts     | 758,000 |         |           |      |         |           |         |
| Irene        | F   | Music    | 632,000 |         |           |      |         |           |         |
| Namuswe      | F   | Arts     | 554,600 |         |           |      |         |           |         |
| Yunia        | F   | Music    | 498,200 |         |           |      |         |           |         |
| Mugweri      | M   | Arts     | 178,900 |         |           |      |         |           |         |
| <b>Total</b> |     |          |         |         |           |      |         |           |         |

**NOTES:**

- NSSF = 15% of Basic
- Medical = 50% Basic, less 90% of NSSF
- Transport = NSSF + Medical
- PAYE = 10% of transport
- Housing = PAYE + NSSF
- Gross pay = Basic + Medical + Transport + Housing
- Net pay = gross pay less deductions (NSSF + PAYE)

**Required:**

- Using a spreadsheet program of your choice, tabulate the above information. (04marks)
- Copy and paste this data onto sheet 2 of your workbook. (02marks)
- On sheet 2, compute the following for Male:
  - NSSF (02marks)
  - Copy the formula used for the rest of the staff. (01mark)
- Sort the staff according to faculties in descending order. (01marks)
- Rename worksheet 2 to salary. (01mark)
- Use the worksheet salary to insert a missing member of staff, Kyeswa between Nankya and Lule from the faculty of Music whose Basic salary is UGX 851,000. (03marks)
- Compute the net pay for Kyeswa. (02marks)
- Using names and net pay generate a column graph, positioning it on a new sheet. (04marks)
- Save your workbook using index number and print your worksheet. (01mark)

## SECTION B (60 MARKS)

Attempt any **two** questions in this section

2. Carefully study the information given below.

| StudentID | Surname   | FirstName | Sex | Club     | Donation |
|-----------|-----------|-----------|-----|----------|----------|
| BCM652    | Kamusiime | Edwin     | M   | Interact | 5000     |
| BCM441    | Moreri    | Juliana   | F   | Debating | 6300     |
| BCM102    | Mugerwa   | Ronald    | M   | Writers  | 5500     |
| BCM333    | Akena     | Kennedy   | M   | Interact | 2200     |
| BCM459    | Kakaire   | Musa      | M   | Writers  | 3600     |
| BCM245    | Ssentongo | David     | M   | Debating | 9900     |
| BCM134    | Babibye   | Lonah     | F   | Writers  | 5500     |
| BCM101    | Namulondo | Mary      | F   | Interact | 6600     |
| BCM376    | Kafuko    | Ivan      | M   | Debating | 4700     |

### **Required**

- Design a suitable database to manage the above information, name the Database **BCM DATABASE**. (02 marks)
  - Create a table using **Design View**, and name it **STUDENTS TABLE**. (08 marks)
  - Create a form called **Students Entry Form** and enter the above records. (06 marks)
  - Create a query displaying all the fields in the above table to filter out only students who are females. Save it as **Females**. Print the query and its output. (03 marks)
  - Create another query displaying all the fields of students with donations **5000 and above**. Name it **5000 Plus**. Print the query and its output. (03 marks)
  - Create a query displaying all the fields in the above table to filter out only students whose *donations* are between 2200 and 9900. Name it **Donations between 2200 and 9900**. (02 marks)
  - Create a query to filter out the students who donated at least 5000 in Interact and Writers clubs. Name it **Interact and Writers**. Print the query and its output. (03 marks)
  - Create a report using **Donations between 2200 and 9900** query. Name it **Report Between**. Print the report. (03 marks)
3. The **three** “Categories of Computer Software” are Operating System, Application Software and Utility Software.

### **Required**

Create a Presentation as indicated below:

- Slide One – Include the Title, your name, class and email address (if applicable). (05 marks)
- Slide Two – Define the Operating System and give at least two examples. (05 marks)

- (iii) Slide Three – Define Application Software and give two examples. (05 marks)
- (iv) Slide Four – Define Utility Software. Give two examples. (05 marks)
- (v) Slide Five – Your conclusion. (05 marks)
- (vi) Insert slide numbers in your presentation. (01 mark)
- (vii) Save the Presentation as **Computer Software**. (02 marks)
- (viii) Print your Slides. (02 marks)

**Note** The slides should:

- Run automatically.
- Use minimal graphic effect.
- Have your name and class as footer.

4. Use the web publishing software available in your computer to design a suitable website for your school.

**Required**

- (i). Home page – Explain the purpose, content and layout. You may also include tips on how to move through your site. (07 marks)
- (ii). About US – Tell people about your school. Include things like the school motto etc. (07 marks)
- (iii). Contact Us – Tell people how to contact the school and where your school is located. (07 marks)
- (iv). Co-curricular – Tell people about the co-curricular activities available in your school (07 marks)
- (v). Save your work as **MySchoolSite** and obtain a hard copy. (02 marks)

**END**