S 5 ICT PAPER 2026
TIME: 1 ½ Hrs

Instructions

- Attempt All Scenarios
- Neat Work Is A Must
- Present Your Work In A Formal Way

Scenario 1: Introduction to ICT

A savings group in Zigoti keeps records of members' contributions using a notebook. Recently, some members suggested adopting a new system that would allow faster communication and easier record-keeping.

Task:

- Without naming ICT directly, explain what kind of system could solve their problem and give two reasons why it would be better than the notebook.

Scenario 2: Computer Basics

During debate practice, one team wants to prepare digital notes, play audio clips, and project slides. They have access to a computer but are unsure which parts of it will help them achieve these tasks.

Task:

- Identify the specific components they would rely on, and explain how each supports their debate preparation.

Scenario 3: File and Folder Management

A youth group is designing a monthly newsletter with articles, photos, and charts. After three months, they struggle to locate past issues and often overwrite files.

Task:

- Suggest a clear strategy for organizing their digital work so that future newsletters are easy to find and safe from accidental loss.

End

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PAPER II

Item 1

The National Health Data and Surveillance Bureau (NHDSB), recently established by the Ministry of Health to improve public health communication and disease awareness, has identified a major challenge in community health education and information dissemination.

In several districts, health campaigns on diseases such as malaria, cholera, and HIV/AIDS have been poorly communicated to the public. Many community members receive incomplete or unclear health information, while others are not reached at all due to ineffective communication materials. This has contributed to low awareness levels, delayed response to disease outbreaks, and continued spread of preventable illnesses.

Additionally, previous health education materials have been poorly designed, containing unstructured text, unclear messaging, lack of visual appeal, and inconsistent formatting. As a result, the impact of health campaigns has been significantly reduced.
To address this problem, NHDSB has planned a National Community Health Awareness Campaign targeting schools, trading centres, and community gatherings. The campaign aims to educate the public on disease prevention, early detection, and proper health practices.

The Bureau requires professionally designed communication materials to ensure effective dissemination of health information before and during the campaign. These materials must be clear, attractive, and suitable for different audiences, including youth and community members.
The required outputs include:

- A well-structured health information document
- An attractive health awareness poster or leaflet
- A clear and engaging presentation for community sensitization sessions

Task

Using the support files provided, design and produce professional health communication materials that will facilitate a successful community health awareness campaign.

Item 2

The East African Academic Assessment Council (EAAAC) compiles termly academic performance reports from affiliated secondary schools across the region. However, the reports submitted are often disorganized, inconsistent, and fail to highlight critical academic trends such as declining subject performance, best-performing institutions, and students at academic risk. This has led to delayed interventions, poor academic planning, and ineffective allocation of educational resources.

Additionally, the student records received contain significant data quality issues, including missing entries (such as subject marks and gender), duplicate student records, inconsistent subject naming, incorrect grading formats, and irregular data structures. These challenges have made it difficult to generate reliable reports and carry out meaningful performance analysis.

The Directorate of Research and Evaluation requires accurate, clean, and well-structured data for Term II to support evidence-based decision-making. The required outputs include:

Subjects with the highest and lowest average performance
Best and worst-performing schools
Identification of students at academic risk
Performance comparison based on gender
Overall grade distribution
Trends in subject performance across schools
Elimination of all data inconsistencies and errors

Task

Using the support files provided (StudentRecords.docx and ResultsData.xlsx), ethically transform the data into an organized, accurate, and decision-supporting system.

ITEM 1

Nakasero Community Health Outreach Centre supports expectant mothers, older persons, and children in several urban neighborhoods. The center has recently received a grant from a development partner to strengthen service delivery, but the donor has asked for a clear digital report before releasing the next funding installment. The report must show a budget for three major cost areas, the activities already carried out in the community, the facilities currently available at the center, and the future plans for expanding outreach services. Staff members have raw figures on patient support, transport, and medical supplies, together with photographs, activity notes, and facility details stored in different files.

However, the administrator has no confidence in combining the information using suitable computer applications, and the donor expects a formal presentation supported by accurate calculations and well-organized output. You have been asked to prepare the required materials so the center can present them during the donor review meeting.

Task:

Help the administrator to prepare all that is required for the donor review meeting. Provide **a soft copy** on a **CD/DVD** and **sample hard copies** of what you have produced, clearly indicating **your name** and **personal number** as the developer on each copy.

ITEM 2

Nabweru Community Clinic has been facing challenges in organizing and interpreting its monthly patient records. The clinic administrator reports that some patient records contain spelling errors, missing age values, repeated entries, inconsistent date formats, and inconsistent naming of illnesses. As a result, the clinic's monthly reports do not clearly show the illnesses with the highest occurrence, the most affected age groups, the comparison of illness patterns by sex, or the weekly trend of cases. This has affected planning for medicines, staffing, and response to community health needs.

The District Medical Officer has requested a cleaned, well-organized and clearly analysed report based on the clinic records for the month of **August**. Specifically, he wants the following clearly presented: the illnesses with the highest occurrence, the most affected age groups, a comparison of illness patterns by sex, the weekly trend of cases during the month, and all major data errors corrected or properly handled.

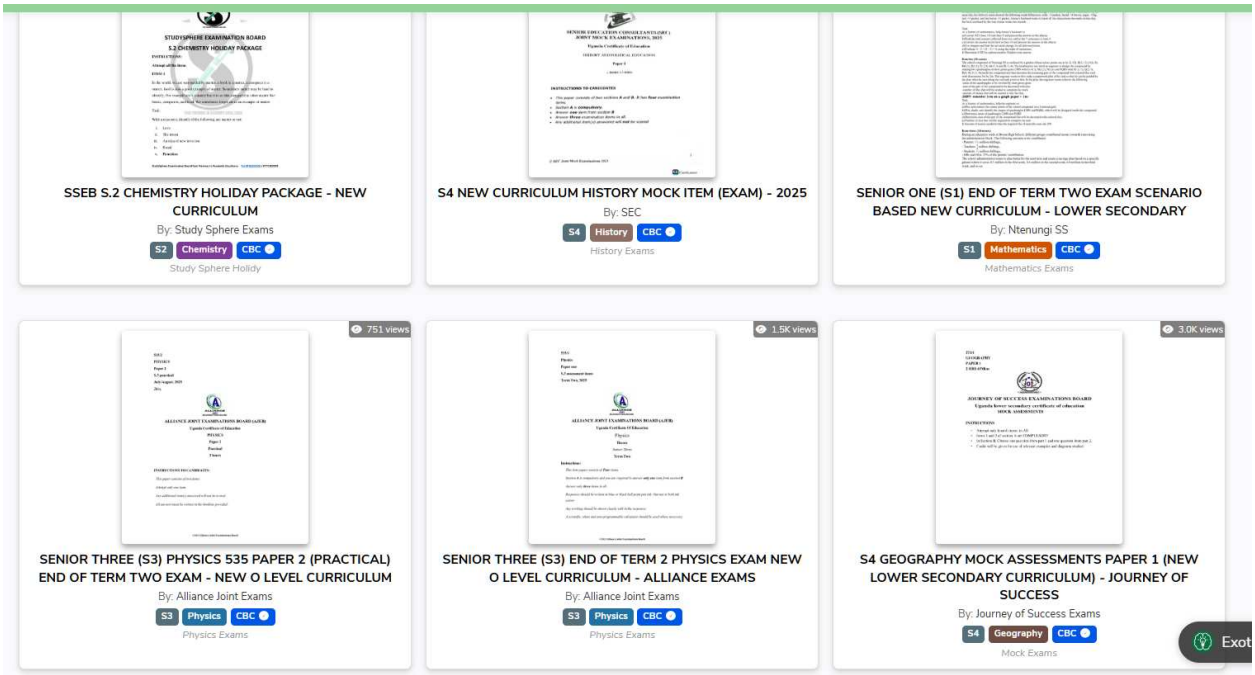
You have been given the raw clinic records and asked to transform them into an organized and decision-supporting format using the support files provided.

Task:

Using the provided support files, ethically transform the raw clinic data into an organized, accurate and decision-supporting format to address these reporting and planning challenges

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