

TERM III 2025 HOLIDAY PACKAGE
ST. JOSEPH'S SS KAKINDU –S.5 HOLIDAY PACKAGE FOR HIST2

INSTRUCTIONS:

- *DO ALL NUMBERS*

Item 1

Make research on the rise of Sierra Leon and Liberia clearly covering the following areas:

1. Origin
2. Nature of the people living there
3. Social, political and economic set up amongst others.

GENERAL PAPER

Scenario

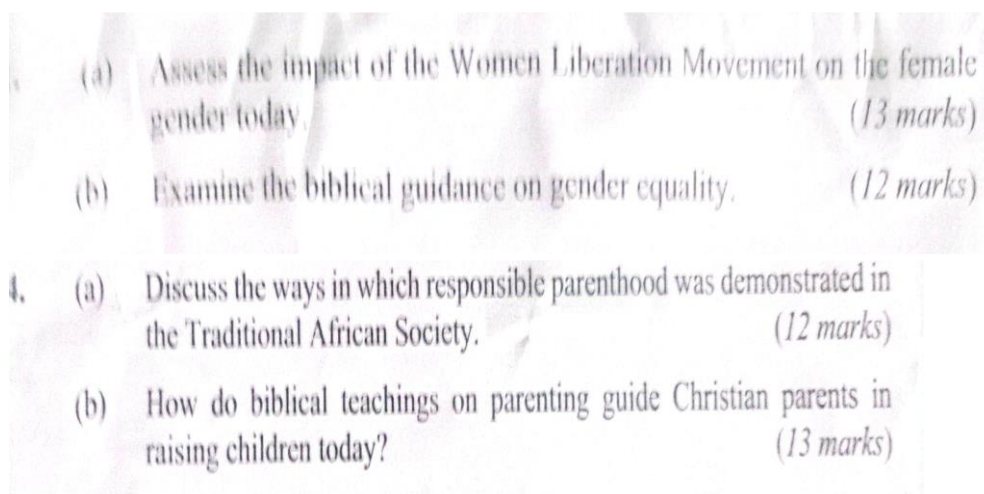
A rural district in Uganda has been experiencing prolonged drought and floods, affecting agriculture and livelihoods. Local leaders have invited the youths to contribute ideas on how to raise awareness and promote environmental protection in their communities.

Task:

As a concerned youth, suggest effective ways you would use to sensitize your community about the causes and dangers of climate change.

ST. JOSEPH'S SS KAKINDU –S.5 HOLIDAY PACKAGE FOR DIV

INSTRUCTIONS:

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- (a) Assess the impact of the Women Liberation Movement on the female gender today. (13 marks)
- (b) Examine the biblical guidance on gender equality. (12 marks)
4. (a) Discuss the ways in which responsible parenthood was demonstrated in the Traditional African Society. (12 marks)
- (b) How do biblical teachings on parenting guide Christian parents in raising children today? (13 marks)

DIVINITY PAPER 2

During a school fellowship at st mark's secondary school, the cre teacher Ms. Ninsiima reminded the students that Jesus would return one day. (Parousia). As she spoke, the students' imagined what it would be like if Jesus came back suddenly.

One student Joel realized he had been holding grudges against his friends. Another student Angella admitted she had stopped praying regularly. The message made them think seriously about how Christian should live while waiting for Christ's returns. By the end of the fellowship, the students agreed that the Parousia encourages believers to live holy lives, love one another and stay ready because no one knows day or hour.

Task:

- (a) How has the message of the Parousia influenced the lives of Christians today?
- (b) Which lessons do Christians learn from the teaching of parousia?

ST. JOSEPH'S SS KAKINDU –S.5 HOLIDAY PACKAGE FOR ICT

INSTRUCTIONS: do all

In **Iganga Municipality**, a women's savings and credit group known as *Twegatte SACCO* keeps weekly financial records manually in notebooks. The treasurer, **Mama Nansubuga**, often experiences errors in addition, loss of pages, and difficulty preparing end-of-month summaries. During general meetings, members request visual displays showing individual and group savings progress. The group decides to adopt spreadsheet software to improve accuracy, automate calculations, and generate visual summaries.

However, most members have never used computers before and are anxious about losing their information. You have been invited as an ICT student to design a simple, user-friendly spreadsheet system that will help the group manage its data effectively and present financial reports confidently.

Tasks:

- (a) **Prepare a write-up** describing how you would design and structure a spreadsheet to record and analyse members' savings and loans accurately.
- (b) **Guide** the treasurer on how to create and format appropriate charts to present the SACCO's financial performance clearly during meetings.

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Sheira has been operating a retail shop since 2020. Due to limited resources, she has been receiving assistance from her sister who helps to manage the shop and also attempts to keep financial records, however, her sister has no formal training in accounting which has led to some confusion in record keeping and management.

DETAILS	AMOUNT IN SHILLINGS
Capital contributed	6,850,000
Total sales revenue	5,200,000
Purchase made during the year	550,000
Value of the shop premises	3,800,000
Value of motor Vehicle owned	50,000
Cash available at hand	1,200,000
Sales returned by customers	5,720,000
Discount received from suppliers	1,200,000
Discount allowed to prompt customers	400,000
Value of goods at the start of the trading period	500,000
Value of goods taken by the owner for personal use	870,000
Electricity expenses	1,100,000
Insurance bills paid	1,440,000
Unsold goods at the end of the trading period	1800,000
Outstanding bank over draft	720,000
Amount owed to creditors	1,720,000
Rent income earned	300,000
Goods returned to suppliers	550,000
Bank loan	2,660,000
Purchase of land for business expansion	550,000

Assist Sheirah to;

(a) Check the arithmetic accuracy as of 31st December 2020

- (b) Determine the profit or loss of the trading period ending 31st December 2020.
- (c) Value of assets and liabilities

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- 1 The numbers $x = 6.81$, $y = 13.182$ and $z = 5.1$ are all rounded off correct to the given number of decimal places.
- (a) State the maximum possible errors in x , y and z . (02 marks)
 - (b) Find the relative error in xz correct to three decimal places. (03 marks)
 - (c) Determine the interval within which the exact value of $(xy - z)$ can be expected to lie. Give the answer correct to two decimal places. (07 marks)

Item 2

Mr. John sells honey in cubical containers. He has a rectangular sheet of metal measuring **80cm** by **60cm**. He has been advised to improve this metal sheet by turning it into a packing material by removing equal squares of dimensions of **x cm** from each corner and then fold the remaining sheet to form an open box.

After harvesting, honey is initially put in a right circular cone with its vertex pointing downwards. The cone has a radius of **10cm** and vertical height of **30cm**.

Honey leaks into the box from the cone at a rate of **2cms^{-1}** and John is interested in knowing the rate at which the honey level in the cone falls.

Task:

As a student of principal mathematics, help Mr. John to determine the;

- a) Dimensions **x cm** of the squares that should be removed in order to maximize the volume of the box and hence find the volume and surface area of the formed box.
- b) rate at which the depth of the;
 - i. Honey in the cone reduces at an instant when the honey is halfway down the height of the cone.
 - ii. Radius of the honey in the cone is reducing at an instant when the radius is **5cm**.

Item 3

RVA Project, Africa is selecting a group of disadvantaged children from the Rhino Refugee Camp for education sponsorship. The number of children available for selection and their ages are summarized in the table below.

Age (x)	4	5	6	7	8	9
Number of children	13	17	20	25	10	15

Due to limited funding, the organization has come up with selection criteria based on the age(x) of the child to be selected, that is $\frac{7x+12}{x+6} < \frac{12}{x-1}$ and $|2x - 3| < |x + 3|$.

The Project Officer has been tasked to carry out the selection process based on the selection criteria set and update the organization with the number of children that will have passed the selection criteria.

Task:

- Guide the project officer to conduct the selection process.
- If the organization is to spend **USD 10,000** on each selected child from 4years to 6years and **USD 15,000** on each selected child from **7 years to 9 years**, guide the Project Officer to provide the Organization with total amount of money that will be spent on the selected children.

PHYSICS –RESPOND TO ALL ITEMS

Item 1

A company that manufactures cooking utensils plans to develop a new type of metal saucepans that heat up quickly and uses less energy. However, the company does not yet know how to determine the specific heat capacity, SHC of the metal sample they intend to use.

Knowing the SHC of the metal will help the company estimate how much energy is required to raise the temperature of their saucepans, which directly affects cooking time and fuel efficiency.

HINT:

- Mass of metal block = **1.8 kg.**
- Voltage = **12 V.**
- Current = **2 A.**
- Time of heating = **5 minutes.**
- Temperature increase = **30°C.**
- The saucepan which heats up quickly and uses less energy should have SHC of above $100Jkg^{-1}K^{-1}$.

Task

- a) Advise the company manager on the steps he can take to determine the specific heat capacity of the sample and how they can ensure accurate results.
- b) Help the company to decide if the saucepan they have made suite their need.

Item 2

On a private test track outside Jinja, an engineering team is validating a staged driving profile for a prototype bus. The bus will accelerate uniformly from rest at **6 ms^{-2}** for **12 seconds**, then cruise at a constant speed for **9 seconds**, and finally brake uniformly to rest in **10 seconds**.

The team has placed a temporary safety barrier exactly **1.3 kilometers** from the start line, and they want to know if the bus will stop in time. But there's a catch; the team has set a maximum distance of 420 meters for the bus to stop in if the brakes are applied from maximum speed, and the retardation during the braking period must not exceed **13 ms^{-2}** .

Task:

Help the team to:

- a) Sketch the velocity-time graph of the bus's journey?
- b) Find the maximum speed reached during the cruise?
- c) Determine if the retardation is within the safe limit and distance covered by the bus during the retardation period.
- d) Decide whether the barrier is in a safe position or if it needs to be adjusted?

LUGANDA

Lumu wali ova ku ssomero, nosisinkana mukwaano gwo gwewali oludde okulaba. Ye ebyokusoma yaliyabivaako nga akolera mu kibuga eyo, naye nga by'akola tobimanyi bulungi. Akusendasenda akutwaale olabe by'akola, eyo gy'okizuulira yalina banne bwe baakolanga ogw'okutta abantu ne babajjamu ebitundu by'abwe ebyomunda era naawe wayita ku lugwaanyu kata bakutte. Mu bigambo nga 400, nyonnyola bwe byaali.

Geography

SCENARIO

In a bid to increase food production, a farming community in Kabale has been struggling with declining soil fertility and increasing erosion. Extension officers have encouraged them to adopt better soil management practices, but uptake has been slow. A few schools in the area have decided to integrate soil education into their agricultural programs to encourage young people to be part of the solution.



TASK

Write a document to be shared with a local youth farmers' association showing how proper understanding of soil formation and management can improve agricultural productivity.(25 Scores)

ITEM 4

SCENARIO

During a fieldwork activity in Mbale District, students observed that farming on steep slopes without conservation practices had led to exposed soils, poor crop yields, and sedimentation in rivers. Local

HIST PAPER 1

By the 7th century, North Africa was a crossroads of commerce connecting the Mediterranean world with the vast interior of Africa. Caravans traveled hundreds of miles across the Sahara Desert, carrying precious goods such as gold from West Africa, salt from the Sahara, and textiles and spices from the Mediterranean and beyond. Arab Muslim traders dominated many of these trade routes. These merchants were not only interested in profit but also carried with them their religious beliefs, practices, and cultural values. The bustling market cities such as Timbuktu and Gao became melting pots of cultural and religious exchange. Local African rulers often welcomed these traders and sometimes converted to Islam to strengthen trade relations and diplomatic ties.

Task

Assess the impact of Trans-Saharan trade on African states and how it influences present day economies and regional relationships .

END