

WORKSHEET II

NAME OF STUDENT: _____

SUBJECT: ENGLISH

YEAR 11 ____

YEAR 11 FORMAL WRITING

Your name is Cathy Smith or Harry Styles and you are the President of the School student council at Prague High School, PO Box 25, Labasa.

Write a letter to the Director, University of the South Pacific, Labasa Campus inviting him or her to come and talk to the students about the college and the courses it offers.

Include at least **three** important details in the body of the letter.

Address and set out the body of your letter appropriately.

YEAR 11 PERSONAL WRITING

The theme of this question is **CHARITY**.

Write about **180 to 200 words** on **one** of the topics (a) to (f) given below. Each requires writing in a particular register for a particular audience.

For this question, ensure that you pay close attention to, and have **at least three main ideas** based on the theme.

You may use **one** of the photographs on page 5 to help you write on the theme. If you choose option (b) or (e), use this address: Lot 21 Penjueli Street, Marau Town. Use the name Solomone Kava or Rinku Mala.

Either (a) Write a conversation that you and a friend had on the topic that your teacher had given as an essay

homework: **Acts of kindness are sometimes wasted**. Express your views on why you believe

this to be **untrue**.

Or (b) Write a letter to the editor of a local newspaper highlighting your concern on the lack of charity seen

in young people today. Explain what would happen if young people do not show charity.

Or (c) Referring closely to the theme, write a narrative essay including the following sentence (attributed to

Albert Einstein) in any part of your writing.

Only a life lived for others is a life worthwhile.

Or (d) You are a member of a local youth group. Your group was involved in distributing rations and other items after the devastation of TC Yasa.

Write a diary entry about the day that you went out to one of the villages that was badly affected.

Comment on the positive impacts of charity.

Or (e) Write a letter to a friend thanking him or her for helping you in your hour of need. Explain how

his/her help made you realise the important act of charity.

Or (f) Choosing **one** picture given below to guide you, write about the theme using a personal style of writing of your choice.



NAME:

YEAR 11:

YEAR 11 MATHEMATICS LIFE SKILLS

WORKSHEET (WEEK 4 – 6)

STRAND 3: Linear Functions in Everyday Context

1) A mechanic charges \$20 flat rate plus \$5 for every hour spent on the job.

(a) Write an expression for calculating the total charge y for x hours spent on a job.	(b) Sketch a graph of the relation.
(c) What would his charge be if he spent 5 hours on a car?	(d) He charged Rajen \$80. How many hours did he spend on his car?

2) A taxi starts at \$1.50 and adds \$1 per kilometer. This relationship can be represented as
 $y = 1.5 + x$

(a) What do x and y represent?	(b) Find the distance travelled for a fare of \$9.90.
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3) The length of Sere's pencil is given by the equation $y=10-x$ where y is its length in cm and x is the number of days she uses it.

(a) Draw a graph of the function.	(b) Find the length of her pencil on day 6.
	(c) On what day is her pencil 5 cm long?

4) A generator company charges a \$300 delivery fee and a rental fee of \$500 per day

(a) Find an expression relating the total charge y to the number of days x for which the generator is hired.	(b) Sketch the graph of the relationship.
(c) What would be the charge for 3 days of rental?	

5) The table below shows distance travelled by a motorcyclist.

Time (h)	0	1	2	3
Distance (km)	0	40	80	120

(a) Taking the time as x and distance as y , plot a graph.	(b) What is the shape of the graph?
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(c) Find the gradient.	(d) What is the unit of the gradient?
(e) What does the gradient represent?	(f) Find the equation of the line.

6) Tina saved \$100. Each day she takes out \$10 from her savings:

Day	Money
0	100
1	90
2	80
3	70
4	60

(a) Sketch a graph of the relation. Let x = days and y = amount of money left.	(b) On which day will they run out of money?
	(c) What does y -intercept represent?
	(d) What does x -intercept represent?

7) The height of a tree is given by the equation $y=20+5x$ where y is its height in cm and x is the number of weeks after the tree is planted.

(a) Draw a graph of the function.	(b) Find the height of tree after 4 weeks.
	(c) What does y-intercept represent?

8) A tank has 10 L of water. More water is run into the tank at a constant rate of 4L/min. The volume of water y in the tank after x minutes is given by

$$y=10+4x$$

(a) Draw a graph of the function.	(b) If the tank can hold 50L, how long will it take to fill the tank?
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- 9) A tank has 10 L of water. A small hole is drilled in it and water escapes at a constant rate of 0.5L/min.

The volume of water y in the tank after x min is given by

$$y=10-0.5x$$

(a) Draw a graph of the function.	(b) At what time is the volume 4.5L?
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- 10) A bath tub is filled at a constant rate of 2L/minute.

Time (min)	1	2	3
Volume of water (L)	2	4	6

(a) Plot a graph of water in the bath(y -axis) against time (x -axis)	(b) Find the equation.
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STUDENTS NAME: _____

YEAR: 11 _____

HOME STUDY PACKAGE

LABASA SANGAM (SKM) COLLEGE

YEAR 11 GEOGRAPHY

WORKSHEET FOR WEEK 1 AND WEEK 2

1. What is the main landform type in the South Island?

2. What is the main landform type in the Central North Island?

3. Which Island has the most hill country?

4. Name four plains in the North Island

5. Name four plains in the South Island

6. Name the longest mountain range in the South Island

7. Name the volcanic mountain in Taranaki

8. Name three mountain ranges in the Central North Island

WORKSHEET 5

HOME STUDY PACKAGE

School: Labasa Sangam (SKM) College

Subject: History

Student's Name: _____

Year: 11_____

Due date: 16th August

Dear Students,

Please read the following extracts and answer the questions that follow. The questions are derived from the extracts provided. The questions are to know your understanding of the different topics. The coverage is from the place where the discussion was stopped. (**REF:** Year 11 Textbook – Cultural interaction and integration)

Activity 8.8

Now read the following poem. The poem suggests that even Rotumans who were born and raised in Fiji had not visited the Island and has made mainland Fiji- Home.

Home away from Home.

It is so far

I haven't been there

I wish I could go

But how can that be so

They say it is paradise

The place that I am from

“why haven't you gone

To that place called your Home?”

Ashamed I shall be

For the rest of my life
If I am to stay in this place
I feel that's not mine.
But, I love this home
My 'Hanua' your 'Vanua'
Still Something is missing
And that is my HOME Back in ROTUMA

By: Emeli Niurou

1. What could be some of the reasons for the poet not being able to go to Rotuma.

2. Why would the writer feel ashamed

3. Where do you think the writer is when this poem was written and who could be the people asking "why haven't you gone to that place called your home?"

4. Why do you think the writer says that “I love this home” ...Still something is missing and that is my HOME back in ROTUMA”

5. Discuss the title “HOME AWAY FROM HOME”

Book 2 Government and Governance

Unit 1 Types of Government – Traditional and Democracy

Activity 1.1

Study this information chain then use your knowledge to answer the following questions.

1933: The German Congress vote to give Hitler Authoritarian (dictatorial) Power

2005: Indonesia rejects a movement to introduce Sharia Islamic state

300 BC: Athenians vote to put Socrates to death for his idea

1977: Citizens of Fiji vote for their representatives to Parliament

1. What word commonly used in these information boxes suggests democracy?

2. Identify a country that was once under dictatorial rule.

3. Describe democracy in Germany, Athens, Indonesia or Fiji.

4. Research question: Describe the role of Socrates in the spread of democracy.

Activity 1.2

Read the following extract from Fiji in the Pacific and answer the questions which follow.

Readings: The Rise of Ma'afu and Cakobau

Maafu

Tongans had been coming to Fiji for many years at first to collect timber for their canoes and then to cut sandalwood. Permanent settlements were established, the main one at Lakeba. Many Tongans married into the Fijian families and Tongan warriors assisted in local wars such as that between Cakobau and Tui Kilakila in 1841. The Tongans [in Vitilevu and Vanualevu] generally enjoyed the protection of Cakobau.

In 1847, King Taufa'ahau of Tonga included his cousin Ma'afu in an expedition sent to Vanua Balavu to investigate the killing of a preacher. It is uncertain why Ma'afu went on this trip, for there is little evidence to prove the legend that Taufa'ahau wanted him out of Tonga because he was a possible rival. It seems that Maafu was not given any authority over the Tongans in Fiji, but he was soon to become a powerful force.

With Wetasau, son of a former Tui Nayau, he took part in a war fought in Moala, Totoya and Matuku, establishing a reputation as an able leader and warrior. In 1853, he was appointed governor of the Tongans in Fiji by Taufa'ahau, and he immediately

established himself as a power in Lau, setting himself up as the protector of the Wesleyan missionaries and taking vanua Balavu by force after the murder of seventeen Wesleyans. He followed this with aid to the christian Tui Bua who was in difficulties with his neighbour Ritova of Macuata and the chiefdoms of Solevu and Wainunu. Because the Tui Bua was half Tongan, he appealed to Ma'afu for help after Cakobau had failed to restore peace. Ma'afu intervened successfully with Cakobau's approval.

Ma'afu now began to act in opposition to cakobau, extending his influence to Beqa and Kadavu where the chiefs accepted Christianity and placed themselves under Ma'afu's protection. Soon his power stretched from Lakeba to the Yasawas. He was supremely confident of his ability to rule the windward islands because the majority of the island chiefs regarded Ma'afu rather than Cakobau as their overlord.

Cakobau

Meanwhile things had been going badly for Cakobau. His health was poor and his wars were not proving successful. His war with Rewa, which had broken out in 1843 had been dragging on for a long time. Although Cakobau had succeeded in capturing Rewa and placing his own King, Cokanauto, in charge of the captured part, he could not seize the Rewan chief, Qaraniqio, who had fled to the hills. When Cokanauto died in 1854, Qaraniqio returned, captured Rewa, and held off Cakobau's attempts to win it back. A Bauan chief, Ratu Mara Kapaiwai, had great influence in Lau because he was grandson of Tui Nayau. Cakobau was suspicious that Mara might be plotting against him. When Cakobau went to Macuata in 1852 to fight Ritova, who had refused to recognise Bauan claims in Macuata, he stripped Mara of his canoe to make him less powerful. Mara fled to Rewa. Mara was also in good terms with the Europeans at Levuka who blamed Cakobau for the attacks by the Lovoni tribesmen on Levuka. At the same time, the Ovalau tribes revolted against Bau and the Americans were pressing their claim for payment for damage done to the property of American settlers. In 1854 Cakobau decided to accept Christianity and renounce his old beliefs.

This led to further trouble for many of his allies, disliking Christianity, went over to the enemy. Then came the turning point in Cakobau's career. Qaraniqio died in 1855, and the Rewan chiefs, tired of war, sought peace. Cakobau agreed, but the rebel Bauans at Kaba disagreed. Led by Mara, they opposed Cakobau's conversion to Christianity and were soon joined by other chiefs who were reluctant to renounce their heathen practices. Taufu'ahau of Tonga was in the Fiji island group with a large force, and it was expected that he would come to Cakobau's aid. It is possible that Cakobau's conversion to Christianity was partly an attempt to persuade Taufu'ahau to help him, for the latter had earlier tried to convert Cakobau. Mara's men prepared for war.

Taufu'ahau had no desire to fight, but the death of a relative at the hands of Mara's men changed his mind and he came to Cakobau's assistance in a combined attack against the strong fort at Kaba Point. The battle was won by unorthodox tactics of the Tongans, when the normal Fijian tactics would be to withdraw. This so confused the enemy that the fort was overrun. From this time on, Cakobau's fortunes and his power were restored, although he was never able to forget that he relied on the Tongans.

Taufu'ahau returned to Tonga, taking with him as payment Cakobau's largest canoe and the ship which he had ordered from America. He left behind him a reformed Cakobau, now a strong supporter of Christianity. The Battle of Kaba was seen as a victory for Christianity over heathenism, a victory which led to a series of mass conversions of Fijians to Christianity.

The Bauan Kingdom became the leading kingdom in Fiji. However, Cakobau owed his position to Tongan intervention and, despite his claim to be Tui Viti, was in no position to challenge the growing power of Ma'afu, who had become ruler of the northern Lau islands and controlled most of Vanua Levu.

Fiji in the Pacific (1994 ed.)– Chapter 5 pp 23-25

1. State one of the reasons that made the Vanua of Bau powerful?

2. Briefly state Cakobau's main ambition?

3. How did Christianity or missionary work influence Cakobau's position as dominant chief?

4. Who was Cakobau's main rival and why?

Activity 1.4

READING: After the 1977 Election

In the recent elections, the people of Fiji did not give a clear mandate to either of the political parties. It therefore became the duty of the Governor General under the Constitution to appoint as Prime Minister the member of the House of Representatives who appear to him best able to command the support of the majority of the House. The Governor General has not been able to act sooner as it was not until this afternoon that he was informed who had been elected leader of the National Federation Party. The Governor General, after taking all the relevant circumstances into account, has come to the firm conclusion that the person best able to command support of the majority of the members is the leader of the Alliance Party, Ratu Sir Kamisese Mara. In compliance with the Constitution and acting in his own deliberate judgment, the Governor General has accordingly appointed Ratu Sir Kamisese Mara as Prime Minister. The Prime Minister is now in the process of forming a government. (Lal, B. 1992; 239-240)

1. Which two parties contested the 1977 election?

2. Which party won the election? (Try to find out the leader of the party.)

3. Why did the Governor General choose Ratu Mara to be the Prime Minister?

Activity 1.5

READING ACTIVITY

FIJI MULTI-PARTY CABINET OFFERS WAY FORWARD

By Narendra P Singh

HONOLULU (Pacific Islands Report, May 23) –

The decision of [Fiji Prime Minister-elect] Laisenia Qarase and Mahendra Chaudhry to form a multiparty cabinet is to be applauded. The compromise must have been difficult for both men but the result will be of immense benefit to the nation of Fiji. True statesmen are able to place the interests of their country ahead of personal ambition and petty party politics. Mr. Qarase and Mr. Chaudhry are indeed true statesmen. Whether or not their followers will earn this title remains to be seen.

Fiji has never tried a government of national unity despite the effort by the former Prime Minister Ratu Sir Kamisese Mara to form one in the 1980's. At that time the opposition of the day, the National Federation Party, derailed Mara's efforts. They could not envisage politics outside the traditional Westminster system, where the opposition is there to oppose, and Mara's attempt to develop a workable multiparty structure came to naught.

Some argue that a democracy needs a forceful Opposition. In practice this is not true. Many democracies practice unity government, particularly when the national interest is paramount. Israel, Germany and the minority government of Canada are three leading examples. The international community will no doubt applaud the decision by Fiji to take this pragmatic step in the light of its demographic composition.

The two party system of government has not worked well in Fiji. Both parties have always been at loggerheads. The Opposition has opposed for the sake of opposing. The Government has advanced provocative issues, such as land lease arrangements and affirmative action policies to bait the Opposition. These two issues have racial connotations, resulting in the perception that Indians, who were predominant in the Opposition, were always opposed to proposals which were put forward by Indigenous Fijians, who were predominant in the Government. This attitude polarized the races up to

and during the present election, resulting in a 2006 vote that was almost entirely on racial lines.

A multi-party government must now be formed as a matter of urgency. Only then can a number of issues that has remained dormant be correctly addressed. One such issue is the lease arrangements in the sugar cane industry. Sugar enjoys a favourable international market treatment that may be discontinued if structural problems are not addressed. Ethanol production should be encouraged. High oil prices, the prospect of the abolishment of preferential trade agreements and the example of Brazil highlights the importance of this issue.

Terrorism has propelled more tourists into the South Pacific. Our mineral and timber industries should be thriving. In all these areas there is room for local participation and the participation of overseas investors confident of a stable Fiji.

Fiji imports over 50% of its rice for local consumption. This is a pity. We have huge tracts of vacant fields that are eminently suitable for rice production not only for local needs but for emerging export markets such as China.

Many more income and employment generating projects were mentioned by both leaders during the election campaign. A multi-party government will provide the degree of stability essential to bring these projects to fruition.

Fiji has some catching up to do. It has missed the first boat. Other developing nations have sailed past Fiji in terms of economic growth, employment and wealth creation. We now have another chance. Mr. Qarase and Mr. Chaudhry, by burying their differences for the good of the nation, have led us to the gangplank. It is not too late to board the second boat.

The current leaders know that the traditional Westminster democracy leaves Fiji racially divided. They understand the need for a government that represents all communities. A multi-party cabinet will allow the nation the opportunity to progress economically and socially, rather than join the basket case economies of many other Pacific Island nations.

<http://archives.pireport.org/archive/2006/May/05-23-com1.htm>

1. What characteristics of a true statesman were displayed by the two party leaders as they agreed to form a multi-party cabinet?

2. Name the Fiji leader that had earlier tried to bring about a Government of national unity?

3. Identify two countries which have been successful with the multi-party cabinet.

4. Why didn't the two-party system of government work well in Fiji?

5. List some of the benefits of a multi-party government.



LABASA SANGAM (SKM) COLLEGE

"GO FORTH TO SERVE"

PEMAC DEPARTMENT WORKSHEETS: YEAR 11

NOTE:

Following your timetable at home, these notes are to be read and the activities are to be completed after the end of Week 3. Once it is returned to school for marking; a NEW set of worksheets and activities will be given for the next duration. The notes are to be filed into your PEMAC File, while the worksheets are returned.

PHYSICAL EDUCATION

WEEK 4-6

(26th/07/2021 – 16th /08/21)

ACTIVITY:

1. For each of the following activities, determine which energy system would mainly be used:

- a) 100-metre sprint. _____
- b) 5000 meter running race _____
- c) hockey game. _____
- d) batting during a cricket game. _____
- e) Marathon. _____
- f) 800 meter running race. _____
- g) Javelin. _____
- i) a dance routine. _____
- j) lifting weights. _____
- k) 1000 meter cycling time trail. _____

2. Exercise continuously for 10 minutes. Note and record all the changes that occurred in your body during the time.

- A) Breathing – _____
- B) Pulse rate - _____
- C) Sweating? Describe. _____
- D) Alertness? Describe _____
- E) Any other observations? _____

3. TEST YOUR KNOWLEDGE

- a.) To improve your health, you must exercise vigorously for at least 30 minutes straight, 5 or more days per week.
- b). Draw up a 1 Hour Fitness Programme that you can follow at home during this COVID19 break, every morning. The activities should include walking, running, raking, gardening and some stretching exercises. Use a table below:

TIME	ACTIVITIES	DISTANCE	PART OF THE BODY IMPACTING	MEMBER OF THE FAMILY JOINING YOU

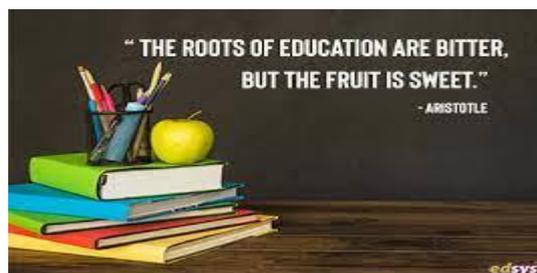
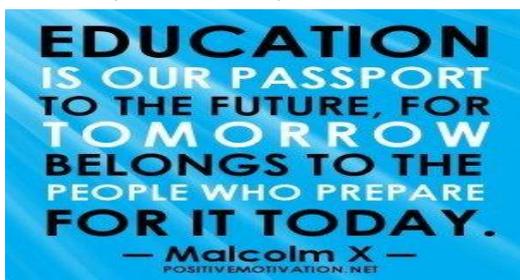
4. True or false?

Which of the following activities uses about 150 calories? _____

- a. washing a car for 45–60 minutes. _____
- b. shooting a basketball for 30 minutes . _____
- c. jumping rope for 15 minutes. _____
- d. Regular exercise can make a person smarter. _____

5. Attempt the activities on the last 2 pages then remove and attached it securely to this worksheet for marking.

Due to school for marking: 16/08/2021 and pick next Worksheets and Notes.



(HOD PEMAC)

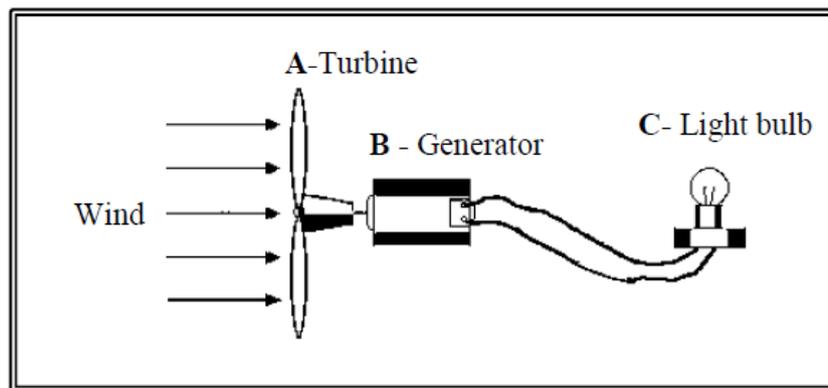
LABASA SANGAM (SKM) COLLEGE
HOME STUDY PACKAGE
YEAR 11 PHYSICS
WORKSHEET 5

Name: _____
Year: _____

1. State **two** difference between renewable and non-renewable energy resources.

2. Give **two** advantages of using solar energy.

3. The diagram given below shows a light bulb powered by a wind generator.



Source: <http://www.wastonchen.com>

State the energy transformation from:

(i) A to B

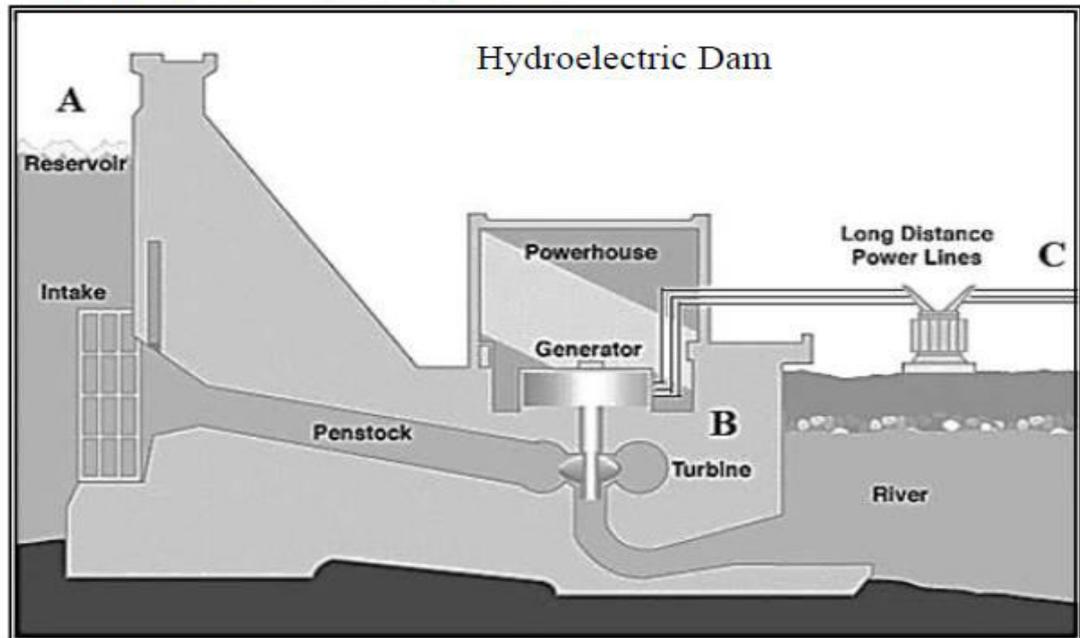
(1 mark)

(ii) B to C

(1 mark)

4. What are the **two** advantages of oil over coal?

5. The diagram below shows a hydroelectric dam.



Source: *Year 11 Physics*, Ministry of Education, 2015

State the energy transformation from:

i) **A to B**

ii) **B to C**

6. Describe the energy transformation that takes place in hydroelectric plants.

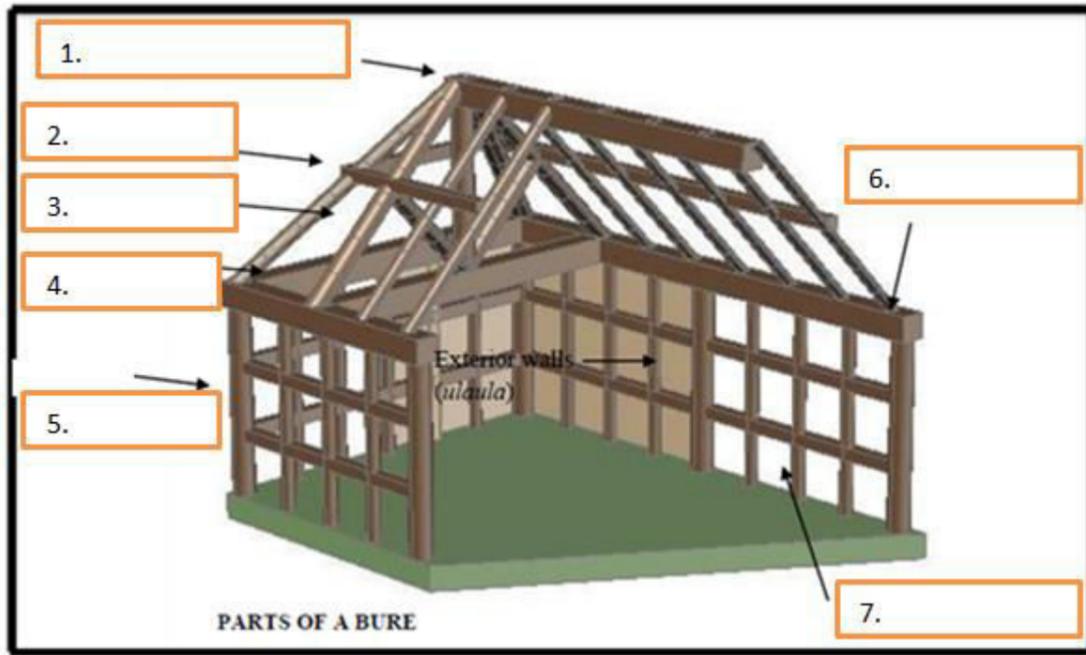
Name: _____
Year: _____

School: Labasa Sangam (SKM) College
Subject: Technical Drawing
Worksheet Number 2/Week 5

Year /Level: 11C/D/E
Due Date: 16/08/21

QUESTION:1

(a) Label the parts of a Bure



(d) Figure 1 below shows a floor plan of two bedroom house.

Required: Neatly draw in a logical position the following symbols:

- (i) Single swing door.
 - (ii) 2 fluorescent lamps.
 - (iii) Illuminating lamp
 - (iv) 2 one-way switches
- (4 marks)**

Q 1(d)			
1	Correct symbols	4	

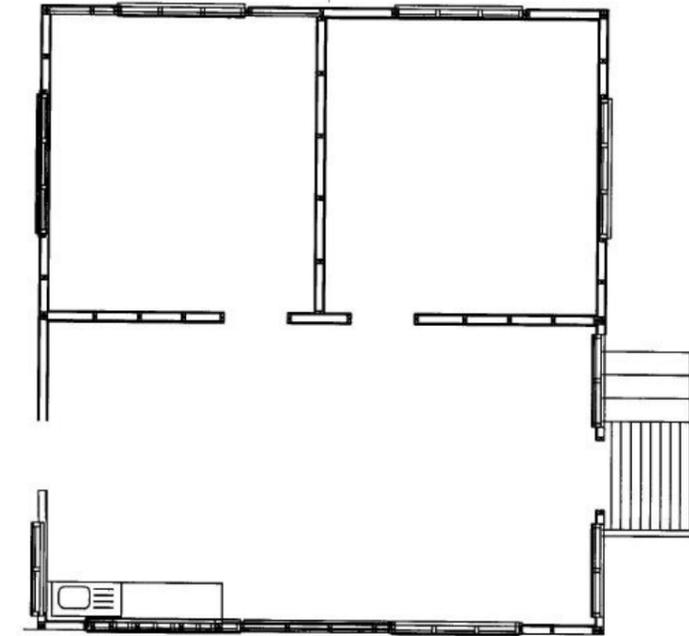


Figure 1

(b).Name three different types of Traditional boat

- A. _____
- B. _____
- C. _____

Q 1(a)			
1	Correct names	5	

(c) Draw the diagram of Traditional boat named as Camakau



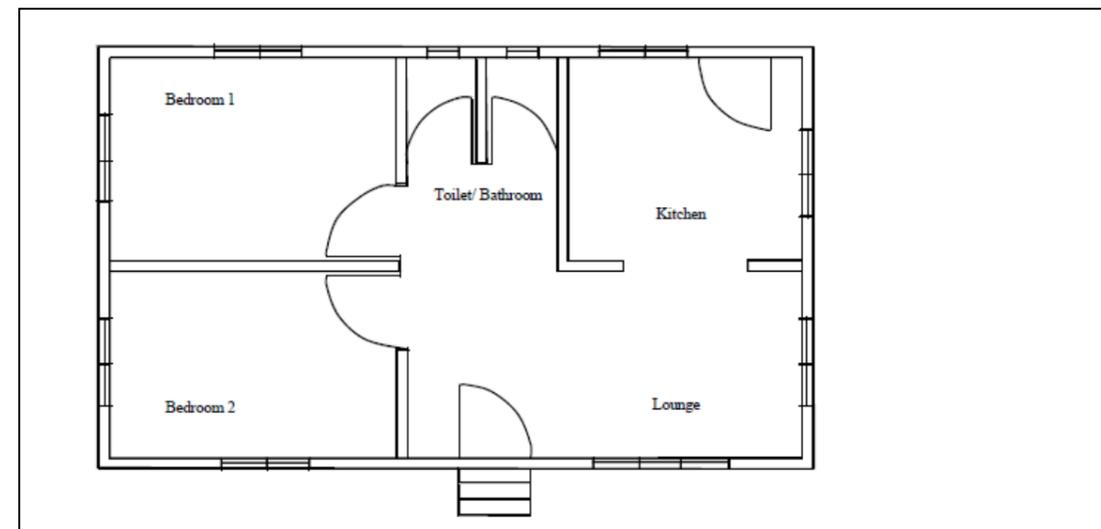
Q 1 c			
1	Correct rendering	2	
2	Clarity of sketch	½	
3	Correct Proportion	½	

(e) **Given:** An incomplete Electrical Plan of Rajen's proposed house. **(5 marks)**

Required: Insert the following building symbols:

- (i) one illuminating lamp in the Kitchen **(1 mark)**
- (ii) one-way switch on the Lounge wall **(1 mark)**
- (iii) two-way switch in Bedroom 1 wall **(1 mark)**
- (iv) one fluorescent lamp in both bedrooms **(1 mark)**
- (v) double sink in the Kitchen **(1 mark)**

Q 1(e)			
1	Correct symbols	5	



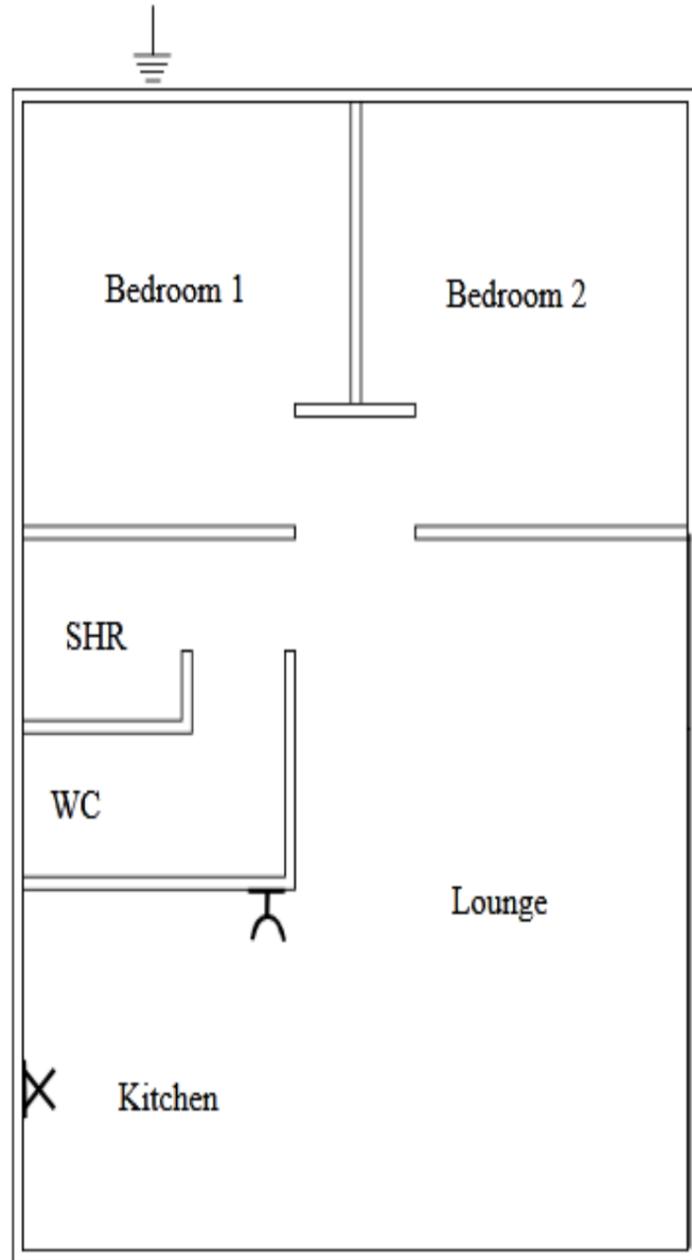
Question: 2

(a) **Given:** An incomplete Electrical Plan of Farhan's Proposed House.

Required: (i) Label the following symbols:

- (a) Wall mounted lamp
- (b) Earth
- (c) Socket outlet

(ii) Draw distribution box near to Earth



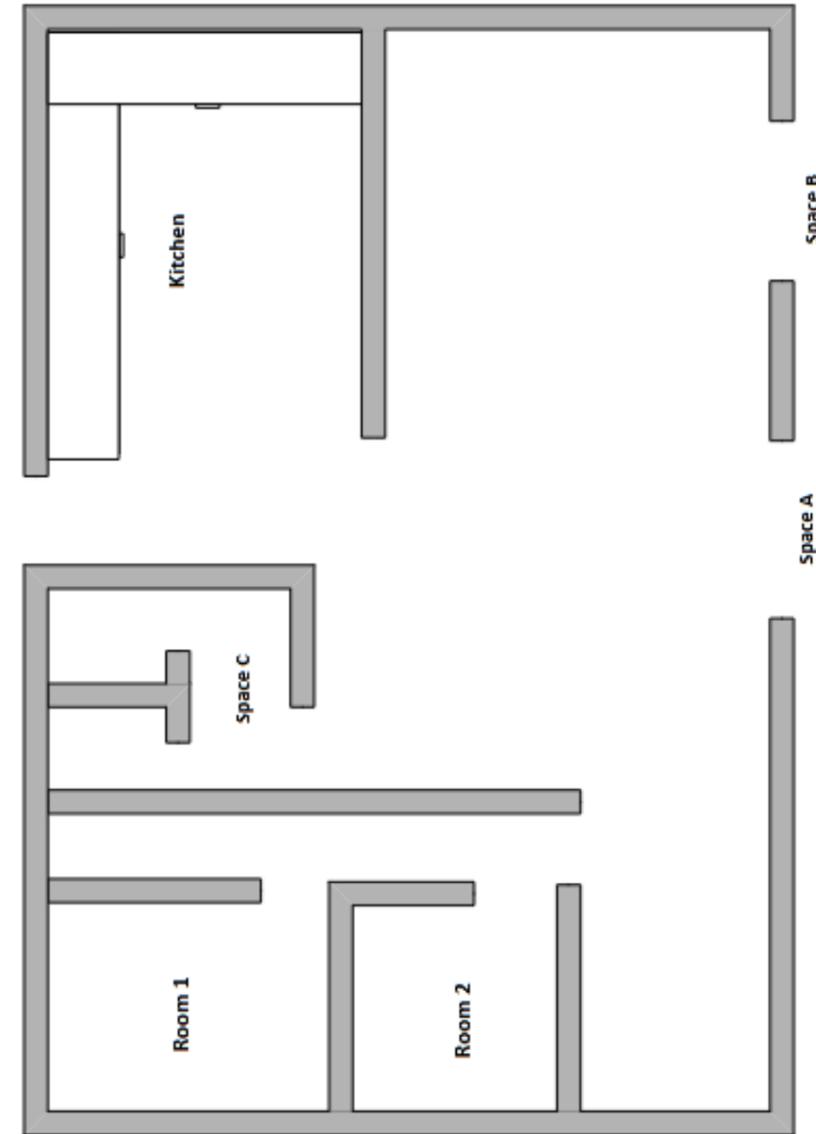
Q 2 (a)			
I	Correct symbol labelled	3	
ii	Correct symbol drawn	1	

(b) **Given:** The incomplete floor plan of a domestic building. (4marks)

Required: Show the following symbols on the floor plan:

- One tub in space C.
- Two windows in space B.
- One double door in space A.
- One fluorescent lamp in the kitchen.

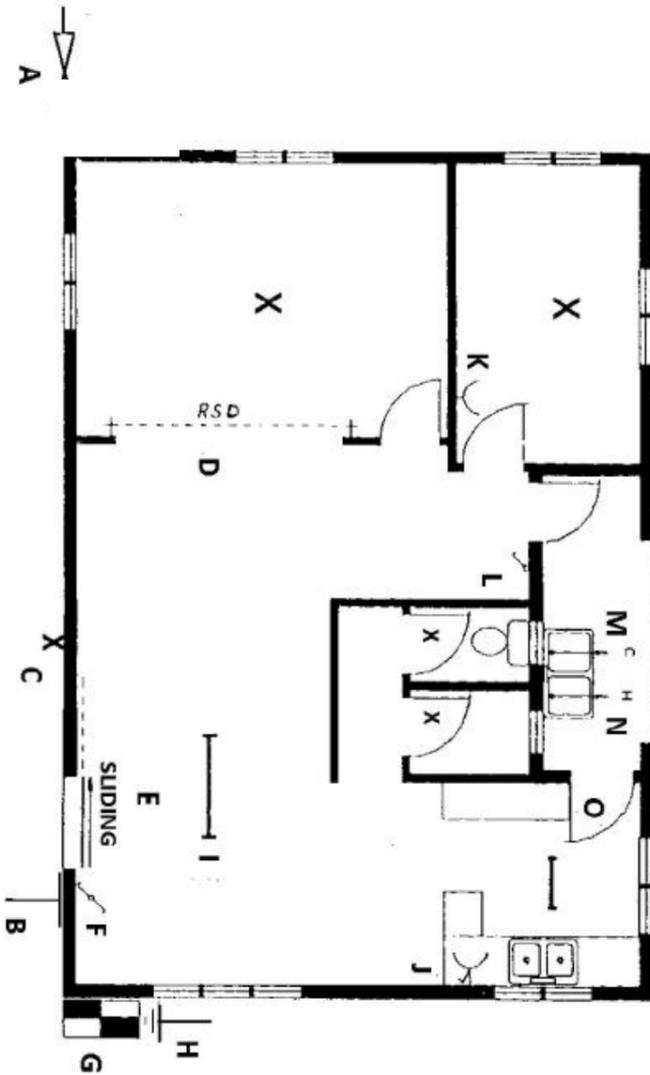
Q 2 (b)			
1	Correct symbol labelled	4	



Question:3

(a) **Given:** The Floor Plan of Balak's building with various symbols on it. Each symbol is denoted by a letter from **A** to **O**.

Required: Name each symbol in the space provided.

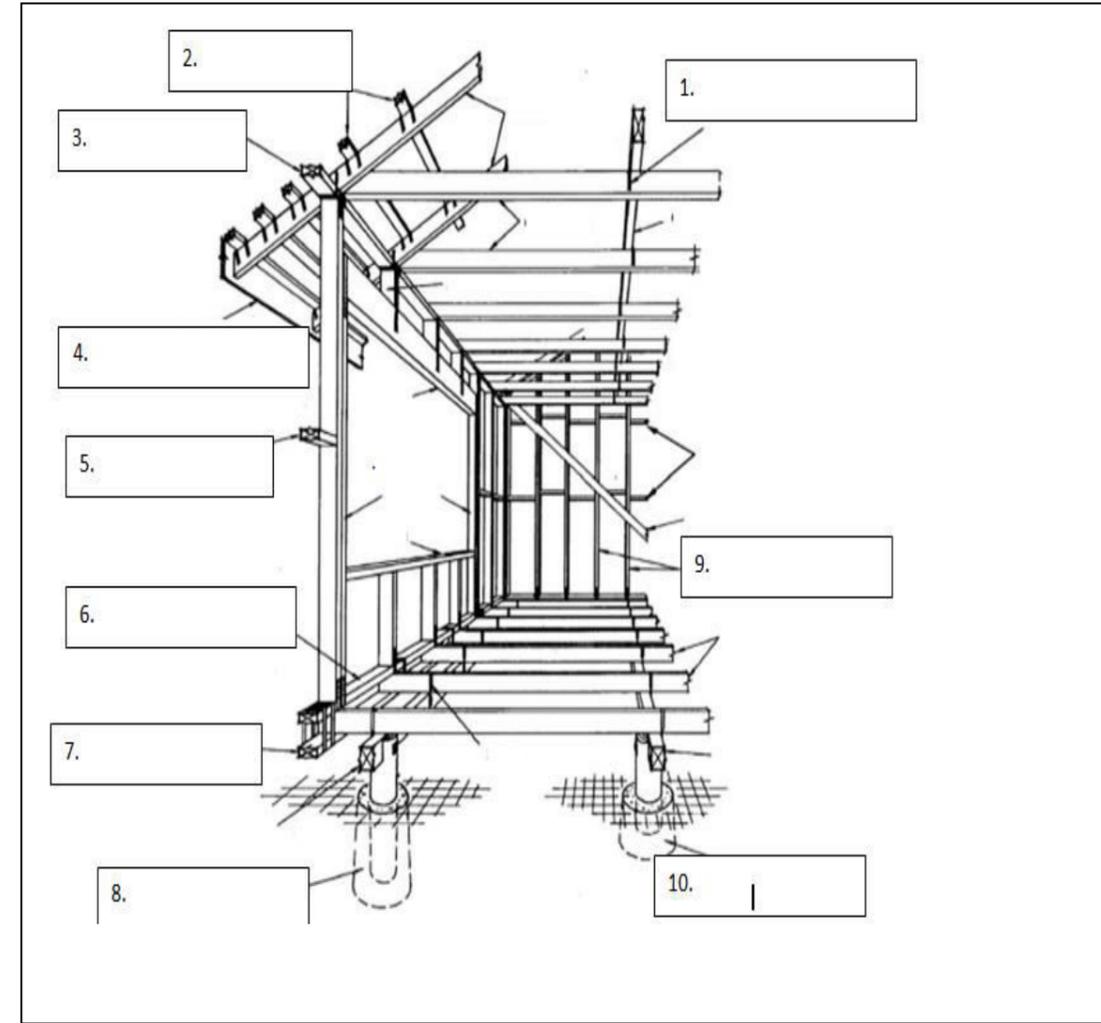


- A - _____
- G - _____
- H - _____
- J - _____
- F - _____

Q 3(a)		
1	Correct symbols shown	5
2	Correct Name	½
3	Correct printing	½

(B) **Given:** The Structure of Balak's building

Required: Name each part of the building denoted by numbers 1 to 10 in the space provided.



Q 3(b)		
1	Correct name	10
2	Guideline used	1
3	Correct printing	1

LABASA SANGAM (SKM) COLLEGE

ACCOUNTING

YEAR 11

WORKSHEET

WORKSHEET NO: 1

STUDENTS NAME: _____

SUBJECT: ACCOUNTING

YEAR 11 _____

DUE DATE: 26/7/2021

Instructions :

- I. Write the answers in the space provided at the back of this page.
- II. File the lesson notes.
- III. Return the worksheets only on the due date as stated above.

1. The purpose of balance day adjustment is:

- A. To detect fraud
- B. To analyze transactions
- C. To match revenue with assets
- D. To match revenue with costs to derive accurate profits

2. Which of the following is not an asset?

- A. Cash
- B. Inventory
- C. Expenses due
- D. Prepayments

3. Explain the meaning of the following terms:

- Accrual basis
- Unexpired cost
- Unearned revenue

WORKSHEET NO: 2

STUDENTS NAME: _____

SUBJECT: ACCOUNTING

YEAR 11_____

DUE DATE: 26/7/2021

Instructions :

- I. Write the answers in the space provided at the back of this page.
- II. File the lesson notes.
- III. Return the worksheets only on the due date as stated above.

1.

Accounting Procedure:

Trial balance of Charlie Enterprise (extract) as at 30th June 2013

	\$		\$
Insurance	1230	Rent	1100
Vehicles	8100	Interest on Investment	2500
Wages	190		

Balance day Adjustments

1. Wages due \$48
2. Insurance prepaid \$87

Required:

- a) Prepare the General Journal entries for the above.
- b) Prepare the Profit and loss extract.
- c) Prepare the balance sheet extract.

WORKSHEET NO:3

STUDENTS NAME: _____

SUBJECT: ACCOUNTING

YEAR 11_____

DUE DATE: 26/7/2021

Instructions :

- I. Write the answers in the space provided at the back of this page.
- II. File the lesson notes.
- III. Return the **worksheets only** on the due date as stated above.

1.

Accounting Procedure:

Trial balance of Charlie Enterprise (extract) as at 30th June 2013

	\$		\$
Insurance	1230	Rent	1100
Vehicles	8100	Interest on Investment	2500
Wages	190		

Balance day Adjustments

3. Rent accrued \$158
4. Interest on investment received in advance \$500

Required:

- a) Prepare the General Journal entries for the above.
- b) Prepare the Profit and loss extract.
- c) Prepare the balance sheet extract.

LABASA SANGAM (SKM) COLLEGE
HOME STUDY PACKAGE
YEAR 11 – AGRICULTURAL SCIENCE
WORKSHEET 5

NAME: _____

YEAR: 11____

DUE DATE: 16/08/21

STRAND 3 – Agronomy

SUB STRAND – Horticulture

PROPAGATION IN PLANTS

1. Differentiate between natural vegetative propagation and artificial vegetative propagation.

2. Differentiate between venation and aestivation in plants.

3. Name the male gametes in plants.

4. Name the female gametes in plants

5. Identify 3 methods of natural veg propagation.

- (i) _____
(ii) _____
(iii) _____

6. Identify 3 methods of artificial veg propagation.

- (i) _____
(ii) _____
(iii) _____

7. What is seed dormancy?

8. Name the male part of a flower.

9. Name the female part of a flower.

10. State the main function of roots.

11. State the main function of stems.

LABASA SANGAM (SKM) COLLEGE

NAME: _____

HOME STUDY PACKAGE

YEAR: _____

YEAR 11 MATHEMATICS

WORKSHEET 5

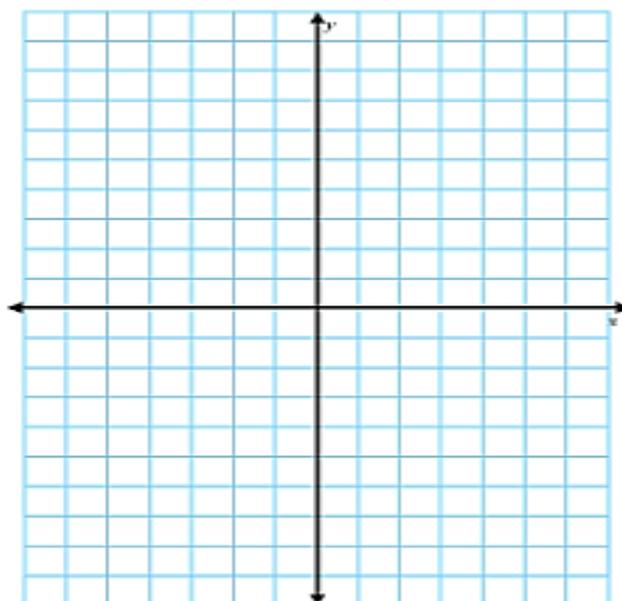
Week 5 ACTIVITY

STRAND 4: GRAPHS

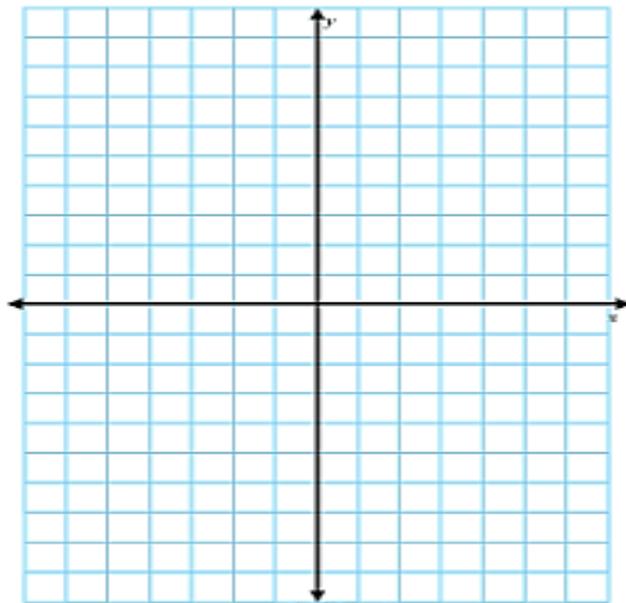
SUB STRAND: CUBIC GRAPHS

1. Sketch the graph of the following cubic functions:

[a] $y = (x + 2)(x + 5)(x - 3)$



$$[b] y = -(x - 3)(x + 2)(x + 3)$$



HOME STUDY PACKAGE

School : Labasa Sangam(SKM) College

Year/level: 11C/D/E

Subject: Applied Technology

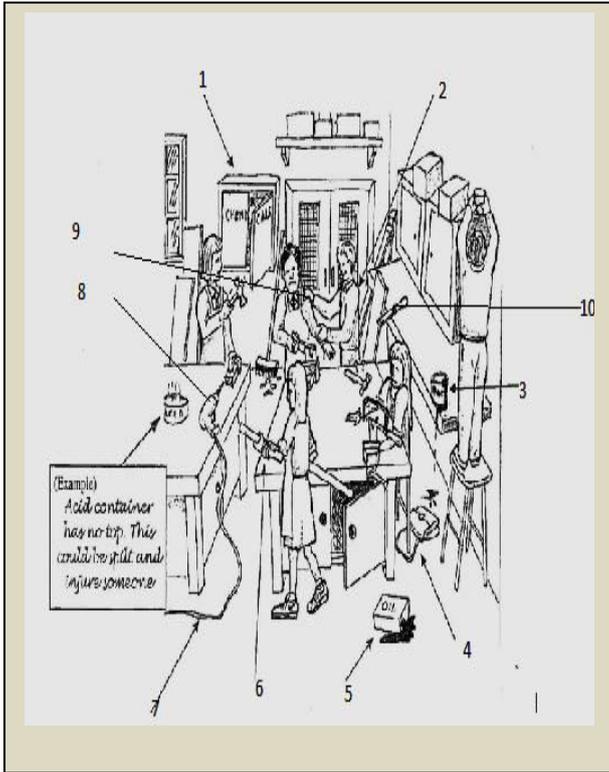
Student Name: _____

Worksheet number: 2 week: 5

Due Date: 16th August 2021

Question 1

List the **faults** shown in the diagram given below.



1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Question 2

What does the following **safety symbols** mean?



1. _____
2. _____
3. _____

4. _____
5. _____
6. _____

WORKSHEET 5

1. In the **electrolysis of molten NaCl**, identify the:

a) **Electrolyte** (solution in the beaker):

b) **Ions in the electrolyte** (ions found in the solution in the beaker):

c) **Electrodes:**

i. Cathode

ii. Anode

d) **Source** of current:

e) **Species or ion:**

i. Oxidised:

ii. Reduced:

f) **Balanced equation:**

i. Cathode Reaction

iii. Anode Reaction

2. **How** is the anode separated from the cathode?

3. **Why** is the anode separated from the cathode?

HOME STUDY PACKAGE

LABASA SANGAM (SKM) COLLEGE

COMPUTER STUDIES – YEAR 11

2021

WORKSHEET NUMBER 1

Students Name : _____

Year : _____

Strand : 2 Application package

Sub- strand :using application software

Excel worksheet

1. The cell address A\$4 in a formula is an example of a

- A. active cell reference.
- B. mixed cell reference.
- C. relative cell reference.
- D. absolute cell reference.

2. A student wants to open a file called budget.xlsx. Which Microsoft application will the operating system open?

- A. Excel
- B. Word
- C. Adobe
- D. PowerPoint

3)

Which of the following application software enables one to manipulate figures and texts in columns and rows?



- 4) Study the illustration given below to answer the questions that follow.

	A	B	C	D	E	F	G
1							
2	STUDENTS ANALYSIS						
3							
4	NAME	TEST 1	TEST 2	TEST 3	TEST 4	TOTAL	AVERAGE
5							
6	AMELIA	70	64	59	90		
7	JOSEPH	55	60	89	92		
8	PRAVEENA	42	55	76	86		
9	LEE	23	42	65	89		
10	JESE	98	88	86	90		
11							

- (i) Name the active cell

- (ii) State the function to calculate Jese's Total in F10

- (iii) State the formula to calculate Praveenas average in G8

- (iv) Name the active worksheet

- (5) Study the illustration given below to answer the questions that follow.

	A	B	C	D	E	F	G	H	I
1									
2	Land Transport Authority								
3	License num	Driver's name	Gender	Speed Fine	Un Reg Vehicle	Defective Veh	Seat Belt	Total Fine	
4	66789	Maikeli	M	\$25.00				\$25.00	
5	67251	Vika	F	\$25.00		\$75.00		\$100.00	
6	66777	Meenal	F	\$25.00			\$50.00	\$75.00	
7	66732	Krishna	M	\$35.00	\$250.00		\$50.00	\$335.00	
8	66775	Peter	M	\$80.00			\$50.00	\$130.00	
9	68234	Mary	F	\$25.00		\$30.00		\$55.00	
10	Total Fines			\$215.00	\$250.00	\$105.00	\$150.00	\$720.00	
11									
12					Average		\$120.00		
13					Highest Total Fine		\$335.00		
14					Lowest Total Fine		\$25.00		
15									

Source: Personal collection

- (i) compute the formula which calculates the speed fine in cell D10 .

- (ii) Compute the function to calculate average in cell G12

HOME STUDY PACKAGE

LABASA SANGAM (SKM) COLLEGE

COMPUTER STUDIES – YEAR 11

2021

WORKSHEET NUMBER 2

Students Name : _____

Year : _____

Strand : 2 Application package

Sub- strand :using application software

Excel worksheet

(1a) Use the spreadsheet given below to answer questions (i) to (v)

	A	B	C	D	E	F	G	H	I
1			10%	10%	80m	100%			/100
2	GIRLS	NAME	ST1	ST2	TE1	TOTAL		No Sat	4
3	1	STUDENT 1	6.0	7.8	56	70		No. Passed	
4	2	STUDENT 2	6.8	3.2	32	42		% Passed	
5	3	STUDENT 3	4.5	3.25	78	86		No. Failed	2
6	4	STUDENT 4	5.7	6.5	23			% Failed	50%
7	5	STUDENT 5	3.5	2.35	26	32		H/M	85.8
8								L/M	
9								Total	
10								Average	57
11								Median	56
12								Absent	0

Write the correct formulas/ functions to calculate the relevant information for the following cells.

- i. Cell F4 – Function to find Total for STUDENT4.

- ii. Cell I3 – No. Passed.

iii. Cell I4 – % Passed.

iv. Cell I8 – Lowest Mark in class.

v. Cell I9 – Formula for Total Mark for the class.

(b) Which cell is the active cell? _____

(c) Explain the difference between a function and a formula

(d) Explain two advantages of spreadsheet.

(e) What you mean by the term “what if analysis”

HOME STUDY PACKAGE
LABASA SANGAM (SKM) COLLEGE
COMPUTER STUDIES – YEAR 11
2021
WORKSHEET NUMBER 3

Students Name : _____

Year : _____

Strand : 2 Application package

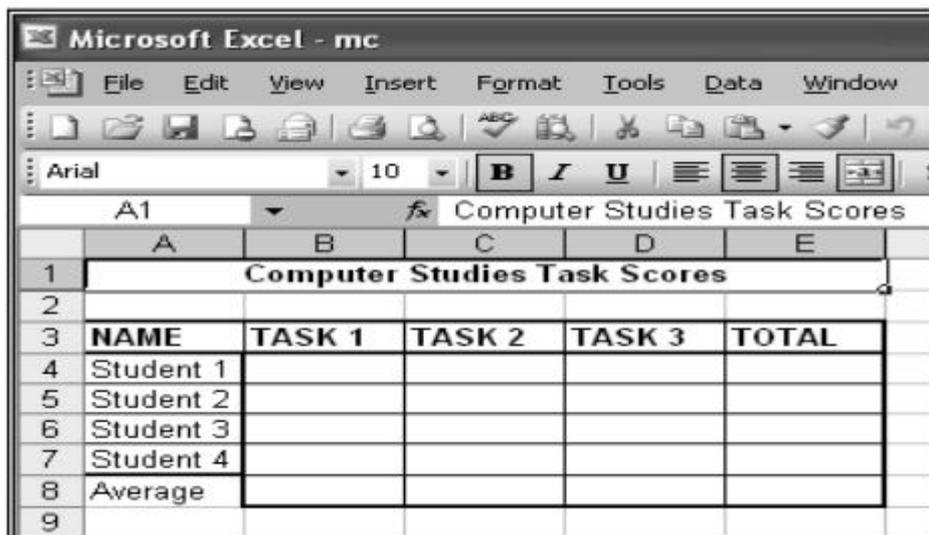
Sub- strand :using application software

Excel worksheet

1. Which of the following features of spreadsheets would allow copying a formula across several cells but retaining the references to a cell address?

- A. Absolute referencing
- B. Relative referencing
- C. Automatic updates
- D. Functions

Use the spreadsheet given below to answer questions 2 and 3.



The screenshot shows a Microsoft Excel spreadsheet with the following data:

	A	B	C	D	E
1	Computer Studies Task Scores				
2					
3	NAME	TASK 1	TASK 2	TASK 3	TOTAL
4	Student 1				
5	Student 2				
6	Student 3				
7	Student 4				
8	Average				
9					

2. Cell B8 holds the function to calculate the average for the range of cells (B4:B7). If the function in cell B8 were copied and pasted in cell E8, what would be the function in cell 8?

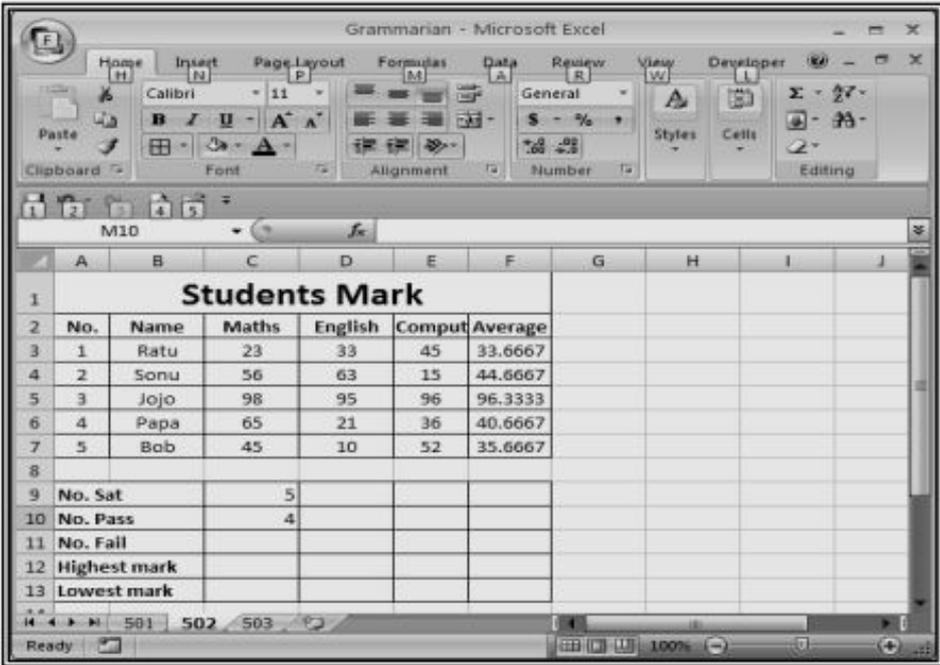
- A. = AVG (B7:E7)

- B. = AVG (E4:E7)
 - C. = AVERAGE (B7:E7)
 - D. = AVERAGE (E4:E7)
- 3.

The button that can be used to automatically calculate the total for Student 1 in cell E4 is



(a) Study the spreadsheet given below and answer questions (i) – (iv) in the Answer



Students Mark					
No.	Name	Maths	English	Comput	Average
1	Ratu	23	33	45	33.6667
2	Sonu	56	63	15	44.6667
3	Jojo	98	95	96	96.3333
4	Papa	65	21	36	40.6667
5	Bob	45	10	52	35.6667
No. Sat		5			
No. Pass		4			
No. Fail					
Highest mark					
Lowest mark					

- (i) Write a formula to calculate the value of cell F3.
- (ii) Write a formula to calculate the value of cell C11.
- (iii) Write a function for cell C12 to calculate the highest mark for Maths.
- (iv) List the steps for formatting the Average column to two decimal places.

(i) _____

(ii) _____

(iii) _____

(iv) _____

LABASA SANGAM (SKM) COLLEGE

YEAR 11 ECONOMICS WORKSHEET

HOME STUDY PACKAGE-2

Worksheet Number :1

Due Date: 16/08/21

Name of the Student: _____

Year: _____

1. Define National Income

2. List four different types of income in form of dollars that is earned by owners of factors of production

3. Define Gross Domestic Product

4. Differentiate between Nominal and Real GDP.

5. Define **Consumer Price Index**

6. State three importance of real GDP.
