

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.
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- 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 4

NAME: _____

YEAR: 11___

DUE DATE: 16/08/21

STRAND 3 – Agronomy

SUB STRAND –Soils

SOIL CONSISTENCY

1. Differentiate between cohesion and adhesion.

2. Differentiate between stickiness and plasticity.

3. Identify 6 things that influence soil consistency.

(i) _____	(iv) _____
(ii) _____	(v) _____
(iii) _____	(vi) _____

4. State one importance of soil consistency.

5. Describe how soil consistency is evaluated.

6. Outline 3 moisture levels for which soil consistency is evaluated.

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

7. State 5 things that are determined by soil consistency.

(i) _____
(ii) _____
(iii) _____
(iv) _____
(v) _____

LABASA SANGAM (SKM) COLLEGE

NAME: _____

HOME STUDY PACKAGE

YEAR: _____

YEAR 11 MATHEMATICS

WORKSHEET 4

Week 4 Activity

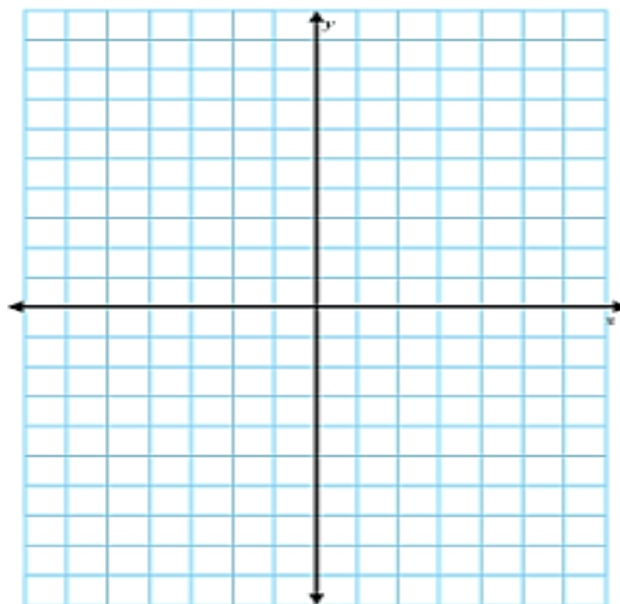
STRAND 4: GRAPHS

SUB STRAND: QUADRATIC GRAPHS

1. Sketch the graph of the following:

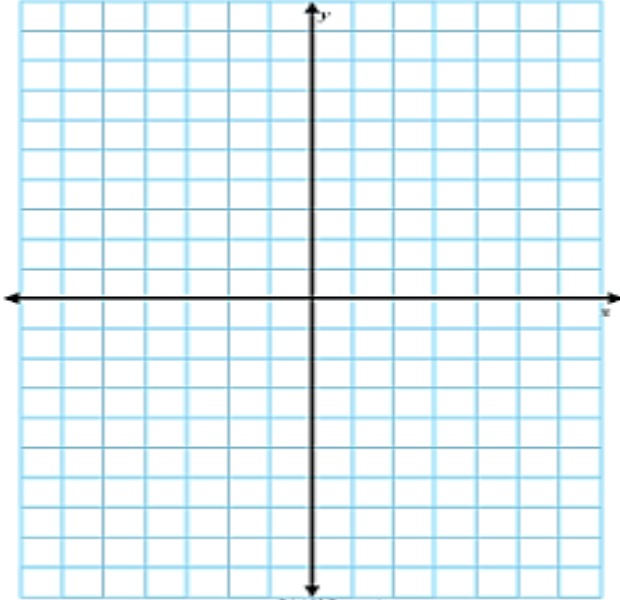
a. $y = x^2 - 9$

(Hint: Factorize by difference of squares then find x int, y int and the vertex)



b. $y = x^2 - 2x$

(Hint: Factorize by common factor then find x int, y int and the vertex)



HOME STUDY PACKAGE

School : Labasa Sangam(SKM) College
Subject: Applied Technology
Worksheet number: 1 week:4

Year/level: 11C/D/E
Student Name: _____
Due Date: 16th August 2021

Question 1

Define the following terms given below in your own words

1. **CLEAN HANDS**

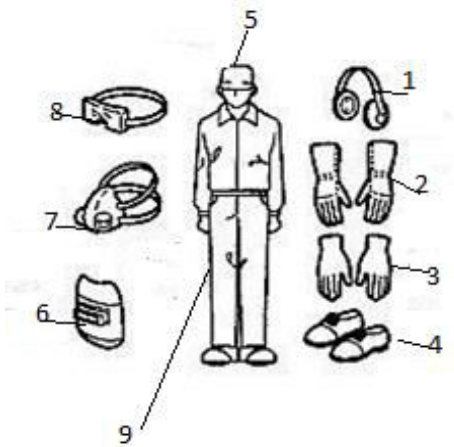
2. **APPROPRIATE CLOTHING**

3. **CLEAN WORKING AREA**

4. **FLOOR SAFETY**

Question 2

Name all the safety equipment's shown below and state their uses.



#	Name	Use
1		
2		
3		
4		
5		
6		
7		
8		
9		

HOME STUDY PACKAGE
LABASA SANGAM COLLEGE
WORKSHEET 1-BIOLOGY

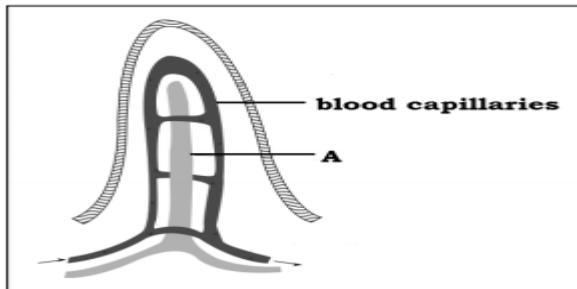
NAME: _____

YEAR: _____

1. State the function of the small intestine?

2. List down 3 Adaptations of the small intestine for absorption

3. The diagram given below shows a villus from a small intestine. Use the diagram and your knowledge to answer the questions that follow



(i) Name the part labelled A.

(ii) State one important function served by the villi in small intestine

4. Define enzymes with 1 example

HOME STUDY PACKAGE
LABASA SANGAM COLLEGE
WORKSHEET 2 -BIOLOGY

NAME: _____

YEAR: _____

1. List down 3 Malfunctions/ Disorders related to the Digestive System and explain each

2. Differentiate between Hepatitis A and Hepatitis B

3. Define Cirrhosis and some symptoms which people may experience

4. Define Hepatitis C and state the treatment for Hepatitis

HOME STUDY PACKAGE
LABASA SANGAM COLLEGE
WORKSHEET 3 -BIOLOGY

NAME: _____

YEAR: _____

1.Cells is responsible for blood clotting during an injury is _____

2. List down the components of the blood with their functions

3. list down some characteristic of Erythrocytes (RBC) and Leucocytes (WBC)

4. Define Lymphocytes and production site

5. Define Circulatory System

WORKSHEET 4

1. Define:

a) Electrolysis

b) Electrolyte

c) DC power supply

d) Electrodes

2. State the charges **positive or negative** of:

a) Anode _____

b) Cathode _____

3. Identify the type of reaction **oxidation or reduction** takes place at the:

a) Anode _____

b) Cathode _____

4. Write the balanced equations of electrolysis of sodium chloride sat solution at the:

a) Anode

b) Cathode

5. State the ion that was reduced and oxidised in the electrolysis of sodium chloride solution:

c) Ion reduced

d) Ion oxidised

6. Name the electrolyte in the electrolysis of sodium chloride solution.

HOME STUDY PACKAGE
LABASA SANGAM (SKM) COLLEGE
COMPUTER STUDIES – YEAR 11

2021

WEEK 4

Students Name : _____

Year : _____

Strand : 2 Application package

Sub- strand :using application software

Activity

1. Database management system are comprised of tables that are made up of rows called _____ and columns called _____

- | | |
|--------------------|--------------------|
| a. records, fields | c. address, fields |
| b. fields, records | d. records, ranges |

2. Security personnel use _____ to locate and disarm explosive devices.

- | | |
|----------------------|----------------------|
| a. mobile robots | c. system robots |
| b. industrial robots | d. perception robots |

3. The software that would be most suitable to include special visual, sound effects and audio as well as video clips is

- | | |
|------------------|-----------------------|
| a. MS-Excel | c. MS-Word |
| b. MS-Powerpoint | d. Desktop Publishing |

4. The multimedia component that required the least amount of storage is

- | | |
|-------------|----------|
| a. graphics | c. sound |
| b. video | d. text |

5. Which of the following software would be used to draw the architecture of an automobile?

- | | |
|-----------------------|--------------------------|
| a. integrated | c. communication |
| b. desktop publishing | d. computer-aided design |

6. Explain what is meant by integrated software and give examples.

7. Define desktop publishing.

9. What are the three areas of artificial intelligence?

10. Define desktop publishing?

HOME STUDY PACKAGE
LABASA SANGAM (SKM) COLLEGE
COMPUTER STUDIES – YEAR 11

2021

WEEK 5

Students Name : _____

Year : _____

Strand : 2 Application package

Sub- strand :using application software

ACTIVITY

1. The background software that loads the current program (i.e. MSWord) is called
 - A. System software.
 - B. Integrated software.
 - C. Application software.
 - D. Communication software.
2. Use this database to answer Questions 2 to 5.

FirstName	LastName	Sex	BirthDate	Height(cm)	Weight(kg)
Eseta	Fifita	F	19/12/1976	199	87
Siosi	Vaitohi	F	12/05/1979	163	65
Alisi	Moala	F	10/09/1982	154	55
Sione	Kupu	M	11/12/1976	195	71
Peni	Latu	M	15/02/1983	183	93
Sione	Fifita	M	21/09/1983	189	92
Semisi	Moala	M	20/07/1986	149	68

The number of records in the database is

- A. 5
 - B. 6
 - C. 7
 - D. 8
3. The database has been sorted according to Sex and then sorted again (as a nested sort) according to BirthDate. What type of sorts was used?

	Sex	BirthDate
A.	Ascending	Ascending
B.	Descending	Ascending
C.	Ascending	Descending
D.	Descending	Descending

4. Which statement given below will select all males taller than 190 cm?

A. Sex = M OR Height (cm) = 190

C. Sex = M OR Height (cm) > 190

B. Sex = M AND Height (cm) < 190

D. Sex = M AND Height (cm) > 190

5. One of the field names in the database is

A. Male.

C. Vaitohi.

B. Female.

D. LastName

6. Three areas in which artificial intelligence is used are robotics, virtual reality and knowledge based systems. Define knowledge based systems.

7. Explain one reason why graphical user interface is described as user-friendly.

8. Describe one feature which is common to most presentation graphics. (2 marks)

HOME STUDY PACKAGE
LABASA SANGAM (SKM) COLLEGE
COMPUTER STUDIES – YEAR 11

2021

WEEK 6

Students Name : _____

Year : _____

Strand : 2 Application package

Sub- strand :using application software

ACTIVITY

1. A collection of related fields in data organisation is known as a
A. File. D. Character.
B. Record.
C. Database.
2. A robot which is used by the military to locate and disarm explosive devices is a
A. humanoid. C. virtual reality.
B. mobile robot. D. industrial robot.

Study the table given below and answer the questions that follow.

CustomerName	CustomerAddress	CustomerTown	CustomerPostcode
David Thomas	245 Lane End	Lincoln	LN34 2TH
Elaine Jones	1 Old Road	Manchester	M27 1SN
Simon Lee	9 Swallow Lane	Wigan	WN3 0NR
Leslie Ward	3 North End Road	Nottingham	NG8 2LJ
Harry Webb	1002 Trinity Road Sth	Swindon	SN2 1JH
Ronny Scott	1 The Lane	Nottingham	NG25 9LK
Janet Fuller	14 Garrett Hill	London	SW1
Sally Timmings	Edgeham Hollow	London	WE3

- (i) Name the Microsoft application used to create the table.

- (ii) State the number of records and fields in the table. _____
- (iii) State the table name. _____

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.

LABASA SANGAM (SKM) COLLEGE
YEAR 11 ECONOMICS WORKSHEET
HOME STUDY PACKAGE-2

Worksheet Number :2

Due Date: 16/08/21

Name of the Student: _____

1. Define **Economic Growth**

2. Draw the graphical interpretation of economic growth on PPC in the space provided below:

3. Differentiate between **Real GDP** and **Real GDP per capita**.

4. State the formula for Real GDP in the space provided below:

5. State the formula for Real GDP in the space provided below:

LABASA SANGAM (SKM) COLLEGE

YEAR 11 ECONOMICS WORKSHEET

HOME STUDY PACKAGE-2

Worksheet Number :3

Due Date: 16/08/21

Name of the Student: _____

1. Differentiate between National output and National Income.

2. Differentiate between Savings and Investment Spending

3. State the three injection in an economy using a five sector flow model

4. State the three leakages in an economy using a five sector flow model

5. State the equilibrium condition of a five sector flow model:



6. Draw a simple five sector flow model.



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.



STUDENT'S NAME: _____
YEAR 11 _____

HOME STUDY PACKAGE
LABASA SANGAM (SKM) COLLEGE
YEAR 11 GEOGRAPHY
WORKSHEET FOR WEEK 4, 5 & 6

WORKSHEET FOR WEEK 4

1. Name the 3 earth building processes

2. Discuss as to why the 3 you have named above are called “earth building processes

3. Define the term “faulting”

4. State the 3 types of faults

5. Name the largest fault line in New Zealand and where it is located?

6. Differentiate between the **graben** and the **horst**.

WORKSHEET FOR WEEK 5

1. Define the process of “folding”

2. Briefly discuss the patterns of folding in New Zealand

3. Name the types of landform in New Zealand that resulted from folding

WORKSHEET FOR WEEK 6

1. Define the term “volcanism”

2. Name 9 materials that is emitted by a volcano during an eruption

3. What is magma?

4. Discuss what is the *parasitic cone* in a volcano

5. Name 3 types of landforms created by volcanoes


6. What is the crater of a volcano?


7. Discuss the relationship between earthquake and volcanoes


8. In New Zealand, why do most volcanic activity occurs in the North Island?


THE END

ऊपर दिए गए बोधन खंड के आधार पर प्रश्नों का जवाब पुरे वाक्यों में लिखिए | अंक ५

१  स्वास्थ्य रक्षा का अर्थ समझाइए |

२  स्वास्थ्य रक्षा के विषय में गोस्वामी तुलसीदास जी का क्या विचार है ✍

३  स्वास्थ्यहीन व्यक्ति कैसा व्यवहार कर सकता है ✍

४  पंक्ति १७ में भोजन में पोष्टिकता आती है का क्या अर्थ है ✍

५ हमें क्यों अपने स्वास्थ्य की रक्षा खुद करना चाहिए ✍

WORKSHEET 4

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)

Reading 8.4

The Following extract is about how Religious war on the island led to its annexation. Read the following and answer the questions that follow.

The Religious war

Gravelle ,K. "Rotuma. A Patch of Green" Suva, 1981 (pp10-11)

There was a system of kings, called Sau. Sau, (often mistranslated as "King"), refers to the role of spiritual leader in pre-Christian Rotuman society. The first six apparently served for life, but then they began to have democratic elections, nominating the Sau for a period of 6 months, then another chief is nominated at the end of 6 months. It was democratic because, anyone could disagree with nominations and they could fight for the one of their choice.

When the missionaries arrived, the Rotumans thought that they were the usual 'sailors, runaway convicts, beachcombers', who were dubbed as trouble makers, drunkard users. It did take a while to prove that this group was different. Though they were later seen as just as destructive as the early European traders. These missionaries arrived on Rotuma shores in 1839 (London Missionary Society), 1841 (Wesleyan Mission) and 1847 (Roman Catholic). They didn't get along because each group tried to gain converts over the other.

Wesleyans wanted an end to the 'Sau system' and influenced the people not to follow and obey the Sau. The Sau, on the other hand were not too keen on Christianity as they saw their power being belittled and eventually taken away by the Christians.

Since Wesleyans demanded for the removal of Sau role, the Sau system, called on the Catholics for support. Rival chiefs began to join rival religions as their prestige and or power was now at stake. It was said that the Catholic chief Riamkau insulted the Wesleyan chief Marafu and even though the insult was over the serving order of kava, it led to a clash of one church against another. The words of Dr.Langham, head of the Fijian Mission...revealed this point.

"The parties," he wrote, "were not hostile to one another because they were of different religions; they were of different religions because they were hostile to one another."

The sailors saw their chance. Since they did not like these new European arrivals for stopping dancing, drinking and womanizing, they began to supply the people with guns and ammunitions. The first war was fought in Motusa in 1871 and the Wesleyans won. The next big clash was in 1878 where 22 men were killed and Catholics were rounded up to the other side of the isthmus, where they were kept for 2 months until they surrendered. Riamkau was later assassinated by his own people for the loss. When there was talk of French annexation, the Wesleyans hurriedly began to beg for British annexation as an annexation by the French would mean bringing Rotuma into the Catholic rule. By this time, Fiji had been ceded to Britain in 1874, but Rotuma wasn't included.



Rotuman men dressed in war garb. © Fiji Museum

Activity

1. What made the islanders think that when the missionaries arrived, they were just more of the usual sailors and traders?

2. Identify the 3 groups of missions that arrived on the island and the year of arrival?

3. Why did the Wesleyans want an end to the 'sau' system and why was there disagreement?

4. Who came to the rescue of those who disagreed with the removal of the 'Sau' system and why?

5. In a paragraph, discuss what happened next and the role of the sailors in this conflict?

"The parties, were not hostile to one another because they were of different religions; they were of different religions because they were hostile to one another."

6. Discuss the above statement, by Dr Langham who was head of the Fijian Mission.?

7. Why did the Wesleyans want British annexation rather than French annexation?

Activity 8.5

Matching Exercise: Match the phrases in Column A with the statements in Column B by writing down the letter of the correct Definition in the space provided beside each phrase.

	Column A	Column B
1.	Sir Arthur Gordon _____	A. Was sent to administer the island
2.	May 13, 1881 _____	B. Rotuma became a part of the colony.
3.	Colony of Fiji _____	C. Osias of Juju
4.	Resident Commissioner _____	D. Rotuma became a Crown Colony
5.	A paramount chief who signed deed of cession _____	E. Governor of Fiji

Reading 8.6

Interaction on mainland Fiji.

When Rotuma was ceded to Great Britain, and became a part of the crown colony of Fiji, it enabled the free flow of people between Fiji and Rotuma. By 1886, the Resident Commissioner in his annual report stated that emigration had become an accepted form of

‘initiation right’- this meant that emigration became a means to a rise in status. In the beginning of the 20th century, Rotuma’s ties with Fiji was furthered reinforced by the growth of Rotuma colonies in Fiji. Like so many Pacific Islands, Rotuma island underwent a period of depopulation following contact with Europeans. This was either through newly introduced diseases that islanders were not immune to or through the migration to Mainland Fiji.

Rotumans moved to Fiji in order to find wage employment and solve land shortages on the island. In 1921 only about 123 of the 2,235 lived in Fiji, but by 1956 (30 years later) there were 1,429 of the 4,422 living in Fiji. The majority lived either in the capital city or in the gold mining community of Vatukoula. There was intense interaction between Rotuma and Fiji and these colonies grew. Almost every adult Rotuman has been to Fiji one or more times and the young people who were born and raised in Fiji are always eager to visit their home. (Learning to be Rotuman pp19)

In 1942 when the occupation troops in Fiji were desperately in need of civilian labour, there were about 120 Rotuman labour force serving in turns for as long as 9 months before returning home for replacement. Rotumans continued with this diligently until 1945. When recruitment began in 1942, there were about 50 or so Rotumans who were trained to form a bearer unit. They served in the Solomon’s with distinction and their leader, Srgt, Josefa Rigamoto was decorated with the Military Medal of recognition of his and their services.

A few Rotumans living in Fiji joined the Fiji Military Forces and served also in the Solomon Islands while a platoon of 28 men joined coastal artillery. It is quite remarkable to state here that none of them died on active service.

Activity

1. How have Rotumans contributed to Fiji’s occupational structure?

2. Why, after 1881, the number of people moving to mainland Fiji has increased?

3. What are some of the reasons for Rotumans moving out of the island into mainland Fiji?

4. Apart from reasons highlighted, what could be some of the other reasons for Rotumans resettling in Fiji.

5. Why do you think Rotumans all over the world meet every year, where ever they may be, to celebrate Rotuma Day? What is the significance of this day?

Reading 8.7

From Fiji Times Online (5 October 2010)

TAILEVU and Flying Fijians utility back Ravai Fatiaki scored the try of his life on Saturday when he married Adi Kelera Logavatu Cili in Nausori.

Fatiaki's elder brother Joji Fatiaki said the new couple had known each other since primary school days and were close friends before love took over. The wedding at the Central Christian Centre at Davuilevu was attended by family, friends and relatives of couple.

Fatiaki is the youngest of the five sons of Raki Varea Fatiaki from Malhaha/Oinafa Rotuma and Ani Tuisausau Koroibanuve of Lomanikoro in Rewa. Adi Kelera, a bank officer with ANZ in Nausori is the youngest daughter of Reverend Pita Cili and Adi Ateca Logavatu of Lomanikoro.

Adi Kelera and Fatiaki both started primary education at Dilkusha.



Adi Kelera Cili with Ravai Fatiaki

Activity

Based on the article above and your own knowledge, write a paragraph of about 100 words, discussing what you think could be some of the positive and negative effects of cultural interaction and integration.

-

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?
--	-------------------------------------

(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?
-----------------------------------	--------------------------------------

- 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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SUB-STRAND – OFFICE ROLES AND FUNCTIONS

LESSON 2 WORKSHEET: MANAGING THE PETTY CASH FUND

SHORT ANSWER QUESTIONS

1. Describe the process of a petty cash system.

2. Define the following terms:

(i) Imprest system-

(ii) Petty cashier-

3. List two expenses that the petty cash fund is used for.

(i) _____

(ii) _____

4. Read the office expenses below and calculate the imprest amount.

The office had the following expenses throughout the week:	
• Morning tea - \$15	
• Stationery - \$10	
• Postage - \$25	Imprest amount: _____



LESSON 3: INDUSTRIAL RELATIONS

WORKSHEET 1

1. Briefly explain the history of industrial relations.

2. Define the term **employee relations**

3. Study the picture below and describe what it means





4. Explain the importance of Industrial Relations.

5. Using the chart given below, explain one of the objectives.



Objective: _____



WORKSHEET 2

1. Study the picture below and explain what it means.



2. Briefly describe the functions of Industrial Relations

(i) _____

(ii) _____

(iii) _____

(iv) _____



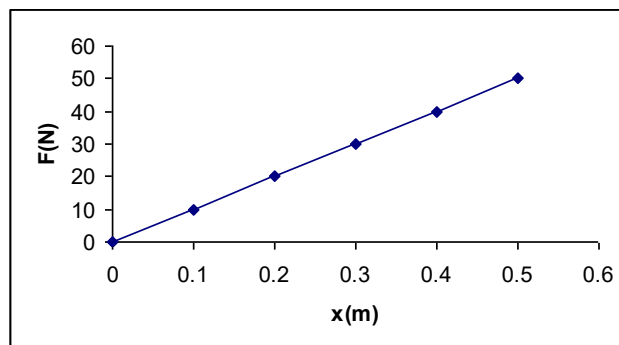
LABASA SANGAM (SKM) COLLEGE
HOME STUDY PACKAGE
YEAR 11 PHYSICS
WORKSHEET 4

Name: _____
Year: _____

1. A force of 20N applied to a linear spring stretches it from 10cm to 20cm. Assuming that the mass of the spring is negligible, calculate:
- i) the spring constant.

- ii) the elastic potential energy stored in the spring.

2. Shown below is the Force against Extension graph of a spring of negligible mass.

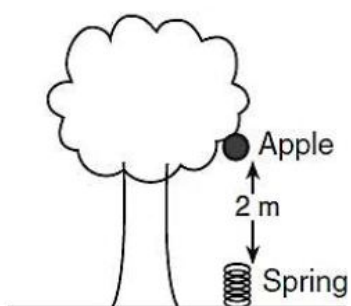


- (i) Determine the spring constant.

- (ii) Calculate the energy stored when stretched to 0.5m.

- (iii) What is the elastic potential energy gained by the spring when stretched from 0.3m to 0.5m.

3. The diagram below shows a 0.1 kg apple attached to a branch of tree 2 metres above a spring on the ground below.



Source: <http://www.tchhs.sharpschool.net>

The apple falls and hits the spring, compressing it 0.1 m from its rest position. Suppose all of the gravitational potential energy of the apple on the tree is transferred to the spring when it is compressed. Calculate the spring constant.

(2 marks)

Name: _____
Year: _____

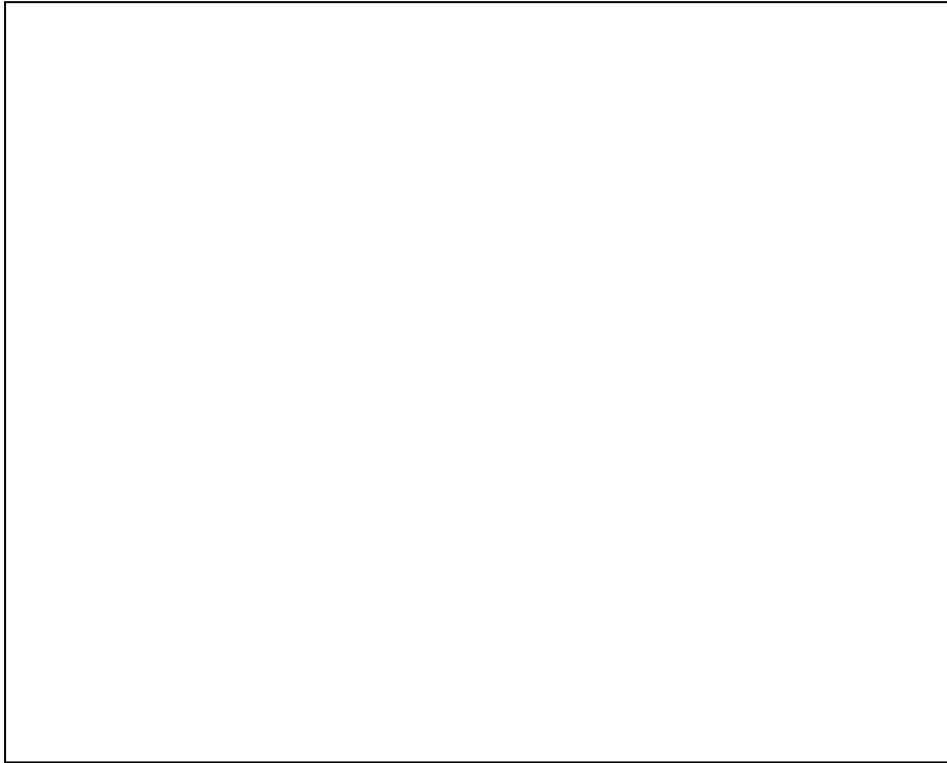
HOME STUDY PACKAGE

School: Labasa Sangam (SKM) College
Subject: Technical Drawing
Worksheet Number 1/Week 4

Year /Level: 11C/D/E
Due Date: 16/08/21
Topic: Free hand Sketch

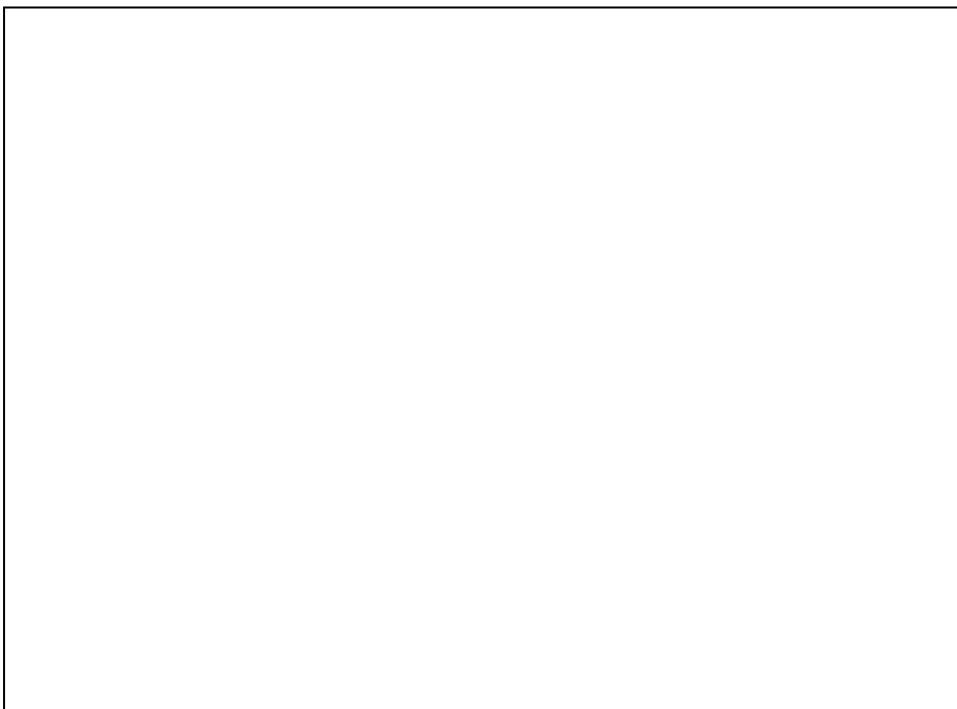
Freehand Sketch

1. Draw freehand sketch of yourself



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

2. Draw freehand sketch of a Lion



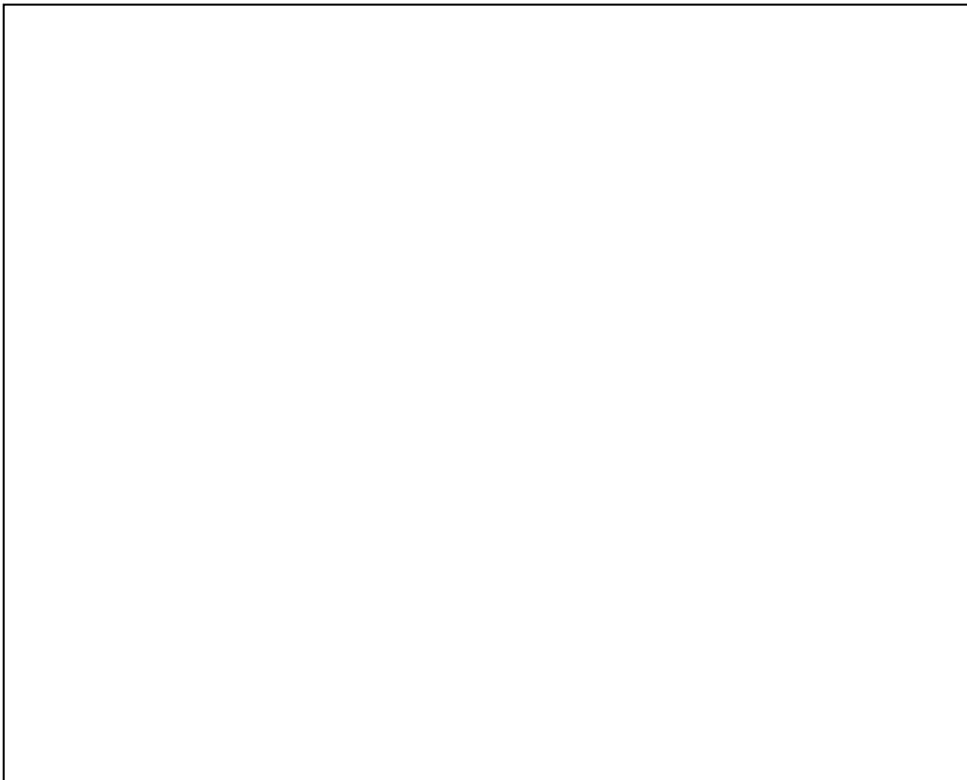
Q 2			
1	Correct rendering	2	
2	Clarity of sketch	2	
3	Correct Proportion	2	

3. Draw a Freehand Sketch of Bird sitting on a branch of tree



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

4. Draw a Freehand Sketch of a Rose flower



Q 4			
1	Correct rendering	2	
2	Clarity of sketch	2	
3	Correct Proportion	2	

Yacamu: _____

Yabaki: _____

NA KILANAUNI

Vola me se mataqali Kilanauni cava era toka era:

1. na komputa dabe - _____
2. na waqa kau- _____
3. na keke tabarua- _____
4. na vinivo e a solia vei iko o Peceli- _____
5. na tarausesese ya- _____
6. na peni qori- _____
7. na isulu nailoni- _____
8. na siqeleti e kesava o tinaqu- _____
9. na ika levu- _____

Dikeva na i tukutuku e ra qai sauma na kena taro vakarautaki

Vosa Vakaibalebale 6:

20 Na luvequ, mo vakabauta na i vakaro i
tamamu, Ka kakua ni biuta na vunau i tinamu

21 Vauca tikoga ki tolomu,
Bukia ki domomu:

22 Ni ko sa lako voli, ena tuberi iko;
Ni ko sa moce koto, ena maroroi iko;

23 Ni sa cina na i vakaro, ka rarama talega na vunau;
Ka sa kena sala ni bula na i vakavuvuli ni vunau:

Vurevure ni Tukutuku: *Na i Vola Tabu*, Bible Society of the South Pacific
Taro:

(a) Na cava na i naki ni vosa veiganiti sa koto qori e cake?

(1 na maka)

(b) Vola e **rua** na i walewale e vakayagataki e na vosa veiganiti qo.

(2 na maka)

(c) Vola e **rua** na i vakavuvuli o rawa ni vulica mai e na rua na tiki ni Vola Tabu e cake.

(2 na maka)