

# CATHOLIC DIOCESE OF MOSHI

## URU SECONDARY SCHOOL

### FORM ONE

### COMMERCE

#### EXERCISE 3

- 1.a) Define Instalment selling
- b) Outline any four advantages of hire purchase to a saler.
2. Draw chart showing types of retailers.
3. Under what circumstance may the wholesaler be eliminated in the chain of distribution? Give any five reasons
4. Given: Original Total cost 5000, new total cost 8,000, fixed cost 1000, original output 0, and new output 20.  
Find;
  - a) Variable cost
  - b) Marginal cost "
5. Why people specialize in production? Give any five reasons

### CHEMISTRY

#### Exercise 3

1.
  - a) What is laboratory?
  - b) State the laboratory rules using the following categories
    - i. Before practical activities ( 5 points)
    - ii. During practical activities ( 5 points)
    - iii. After practical activities ( 5 points )
2. State five things that a good chemistry laboratory should have.
3.
  - a) Define an accident
  - b) Mention five accidents that can occur in the laboratory
  - c) State six possible causes of accidents in the laboratory

# BIOLOGY

## Exercise 3

1. Define the term Microscope.
2. Match the parts of microscope In LIST A with their uses In LIST B

LIST A	LIST B
I. Eye piece	A. regulate the amount of light passing from the mirror to the condenser
II. Body tube	B. rises or lower the body tube
III. Nose piece	C. has lenses that magnify specimen
IV. Corse adjustment knob	D. used to held when moving the microscope
V. Arm	E. its where the specimen is placed
VI. Stage	F. reflects and direct light to the specimen
VII. Mirror	G. concentrate light into the specimen
VIII. Condenser	H. provide firm support for the microscope
IX. Diaphragm	I. Brings sharp focus by rising and lowering the body tube.
X. Base	

LIST A	I.	II	III	IV	V	VI	VII	VIII	IX	X
LIST B										

3. The following statement are either correct or not correct, Write **true** for the correct statement and **False** for the incorrect statement.
  - (i) We should induce vomiting for person who swallowed kerosene.....
  - (ii) First aid prevents the victim's condition from becoming worse.....
  - (iii) Explosive substance can burn skin and other tissues.....
  - (iv) Examples of stinging insects are bees and wasp.....
  - (v) Before helping the victim of a snake bite you should first capture the snake.....
4. Draw a well labelled diagram of a light Microscope.
5. Differentiate between light microscope and electronic microscope.

## BOOK KEEPING

### Exercise 3

1. Write short notes on the following

- a) Matching concept
- b) Balancing of an account
- c) Double entry system
- d) Going concern concept
- e) Drawing

2. Record the following transactions in the cash account of Mtaji group

Oct 1; commenced business with tshs 50,000

Oct 3; cash sales tshs 25,000

Oct 7; bought goods costing tshs 8000

Oct 13; paid for salaries tshs 10,000

Oct 18; bought machine tshs 12,000

Oct 25; paid for rent costing tshs 5000

## KISWAHILI

### Zoezi la 3

1. Bainisha aina nne za vielezi kasha tunga sentensi moja kwa kila aina ya kielezi
2. Fafanua maana ya istilahi zifuatazo
  - a. Kamusi
  - b. Vidahizo
  - c. Vitomeo
  - d. Fasihi
  - e. Lugha
3.
  - a. Taja dhima nne za lugha.
  - b. Bainisha madhara ya kutumia lugha isiyo fasaha katika mawasiliano
4. Andika barua ya kirafiki kwa mwalimu wako wa darasa ukimweleza usomaji wako ukiwa nyumbani na mbinu unazotumia kuimarisha taaluma yako
5. Bainisha dhima tano za fasihi simulizi katika jamii.

## ICS

### Exercise 3

- 1 define computer hardware.
2. With examples describe four components of a computer hardware.
3. Briefly explain four mouse operation

## CIVICS

### Exercise 3

1. Define the following items and give two significant of each

- (a) Uhuru torch
- (b) Presidential standard
- (c) Coat of Arm
- (d) Zebra cross
- (e) Constitution

- 2(a) what is National Flag?

- (b) State four colour found in National flag.
- (c) Mention twelve components found in coat of arm.

## ENGLISH LANGUAGE

### Exercise 3

1. This exercise is a continuation of the last exercise that you did last week.

Following the diagram of the family tree:

- i. Mabula calls Robert my son.
- ii. \_\_\_\_\_ calls \_\_\_\_\_ my son.
- iii. \_\_\_\_\_ calls \_\_\_\_\_ my son.
- iv. \_\_\_\_\_ calls \_\_\_\_\_ my son.
- v. \_\_\_\_\_ calls \_\_\_\_\_ my son.

2. Following the family tree:

- i. Mabula calls Rehema my daughter.
- ii. \_\_\_\_\_ calls \_\_\_\_\_ my daughter.
- iii. \_\_\_\_\_ calls \_\_\_\_\_ my daughter.
- iv. \_\_\_\_\_ calls \_\_\_\_\_ my daughter.
- v. \_\_\_\_\_ calls \_\_\_\_\_ my daughter.

3. Following the family tree:
  - i. Robert calls Juma my brother in law.
  - ii. Juma calls \_\_\_\_\_ my brother in law.
  
4. Following the family tree:
  - i. Rehema calls Rose my sister in law.
  - ii. Rose calls \_\_\_\_\_ my sister in law.
  
5. Following the family tree:
  - i. Mabula calls Tyson my drandson.
  - ii. Kalunde calls Tyson \_\_\_\_\_
  - iii. \_\_\_\_\_ calls Bushi my grandson.
  - iv. \_\_\_\_\_ calls bhushi my grandson.
  
6. Following the family tree:
  - i. Mabula calls Diana my granddaughter.
  - ii. Kalunde calls Diana \_\_\_\_\_
  - iii. \_\_\_\_\_ calls sijapata my granddaughter.
  - iv. \_\_\_\_\_ calls sijapata my granddaughter.

## HISTORY

### Exercise

1. Identify any six (6) advantages of fire innovation.
2. How did man obtain fire during middle Stone Age?
3. Explain in brief the following theories of origin of man
  - (a) Creation theory
  - (b) Evolution theory.
4. Explain the four (4) main stages of evolution of man as proposed by Charles Darwin.

## BASIC MATHEMATICS

### Exercise

1. Simplify the following fraction to the lowest terms
  - (a)  $\frac{14}{21}$
  - (b)  $3\frac{4}{6}$
  - (c)  $\frac{24}{32}$
2. Arrange each group of fractions below in descending order.

(a)  $\frac{1}{3}, \frac{1}{2}, \frac{5}{6}, \frac{7}{12}$

(b)  $\frac{5}{6}, \frac{3}{2}, \frac{9}{5}, \frac{16}{10}$

3. Work out

(a)  $\frac{1}{5} + \frac{1}{4}$

(b)  $\frac{7}{12} + \frac{1}{6}$

(c)  $\frac{2}{3} - \frac{3}{8}$

(d)  $32\frac{3}{4} - 22\frac{1}{2}$

(e)  $\frac{4}{7} \times \frac{9}{5}$

(f)  $12 \times \frac{2}{3}$

(g)  $\frac{3}{5} \div \frac{7}{10}$

(h)  $4\frac{7}{8} \div 6\frac{1}{2}$

4. Simplify  $\frac{8\frac{1}{6} \times 3\frac{4}{7}}{11\frac{2}{3}}$

5.  $\frac{2}{5} + \frac{5}{8}$  of 100.

6. Convert each of the following fractions to decimal

(a)  $\frac{5}{3}$  (b)  $2\frac{2}{3}$  (c)  $\frac{1}{4}$

7. Mention and define three types of decimals

8.  $345.6 \div 12.16 =$

9.  $1.2 \times 3.457 =$

10. Find the difference between 9.28 and the Sum of 2.31 and 3.92.

# GEOGRAPHY

## Exercise 3

1. Name five elements of solar system.
2. What are the uses of the solar system in life? (six strong points)
3. Give four reasons to prove that the earth rotates on its own axis.
4. Explain five evidence to prove the earth's shape. (Answer in form of essay)
5. Give reasons why ships and aircrafts prefer to use great circles when traveling.

# PHYSICS

## Exercise 3

1. Choose the most correct answer and write its letter in the box provided:
  - i. Physics is
    - a. The study of science
    - b. The relation of matter
    - c. The study of matter in relation of energy
  - ii. People who study physics are known as
    - a. Physikos
    - b. Scientists
    - c. Physicists
    - d. Philosophers
  - iii. A student gets electric shock and falls down unconscious in the physics laboratory which of the following would you do first help the victim?
    - a. Administer breathing exercise
    - b. Call physics teacher
    - c. Call other student
    - d. Call a medical doctor
  - iv. Physics is the scientific study of nature which deals with
    - a. Behavior of the space
    - b. Behavior of the universe
    - c. Conservation of energy only
    - d. Reactions of matter
  - v. An auto mechanic wants to measure the length of an object in the accuracy of 0.01 cm which of the following instrument can be used.
    - a. Meter rule
    - b. Micrometer screw gauge
    - c. Tape measure
    - d. Vermeer caliper

2. Match each item in list A with a response in list B by writing its letter below the number of the corresponding item the table provided.

LIST A	LIST B
i. Toxic	A. Can burn your skin also can corrode the floor.
ii. Highly flammable	B. Concentrated sulphuric acid is not corrosive
iii. Oxidizing agent	C. They can cause death immediately or after a few day
iv. Corrosive	D. Are unstable, example dynamite
v. Explosive	E. Can catch fire easily
	F. Small fires can be made very big
	G. Is a substance used as fire extinguisher
	H. They will not kill you but may affect you after a long exposure

3. Answer all question by filling in the correct answer;

- I. In the First Aid Kit, on bandage or plaster is used for .....
- II. Physics laboratory is used for .....
- III. Pipette, Burette and measuring cylinder used for .....
- IV. .... is the major source of heat in the laboratory
- V. Thermometer measure temperature in ..... or in .....