SECTION A – SUB SECTION ONE (30 Marks)

For questions 1 – 5, complete the following sentences with the most suitable word.

1. _____ you don't work hard, you will not get good results in P.L.E.
2. How _____ did you pay for the three litres of cooking oil.
3. Neither Musa _____ Judith completed the exercise during the lesson.
4. Most of us don't know _____an elephant looks like.
5. It was _____an interesting debate that the audience clapped every speaker.

For questions 6 – 15, use the correct form of the word in brackets to complete each sentence.

6. A friend of _____ has gone to the internet café. (they)
7. The stubborn boy _____the baby's milk yesterday. (drink)
8. Mathias is a very _____ boy and the teachers like him for this reason. (care)
9. The _____ took place at midnight on Friday.(rob)
10. The class teacher arranged the candidates' names_____. (alphabet)
11. The criminal was _____ before being taken to court. (prison)
12. The head boy _____ spoke to the head master. (polite)
13. The cyclist is _____ his bicycle in a speedy way. (ride)
14. It is _____to read hard than to take part in malpractice. (good)
15. Gregory was liked because of his excellent _____. (behave)

For questions 16 and 17, give the short form of the given words.

16. Street

_____

17. They are

_____

For questions 18 and 19, rewrite the sentence giving one word for the underlined group of words.

18. Our favourite candidates did not win the previous elections.

_____

19. The class teacher has told the pupils to bring enough pens, rulers, books and paper.

_____

For questions 20 and 21, arrange the given words in ABC order.

20. plate, player, plant, plank

_____

21. spray, stay, sleep, seek

For questions 22 and 23, rewrite the sentences giving the plural form of the underlined words.

22. Mariam brought this <u>baby</u> here.

23. The butcher has sharpened his <u>knife</u>.

For questions 24 to 26, rearrange the words to make meaningful sentences.

24. interesting an watched What we movie!

25. torn Did take shirt you your tailor the to**?**

26. splitting The firewood is cook.

For questions 27 and 28, rewrite the sentences giving the opposite of the underlined words.

27. He made some cash <u>deposits</u> yesterday.

28. I have not seen my <u>nephew</u> for two years.

For questions 29 and 30, use each of the given words in a sentence to show that you know the difference in meaning.

29. knit

30. neat

SECTION A – SUB SECTION TWO (20 Marks)

For questions 31 - 50, rewrite the sentences as instructed in the brackets.

31. Opini does not plane his planks. Opini does not cut wood using a saw.
    (**Use: ____neither____nor____**)

32. When will you celebrate your next birth day**?** (**Begin: When is _____ ?**)

33. It is wrong for us to mistreat animals in our homes. (**Use: _____ needn't _____**)

34. The Internet Café was very crowded. I could not enter it. (**Use: ___ so ___ that___**)

_____

35. Tabisa is writing a friendly letter now. (**Begin: A friendly letter _____**)

_____

36. If the tailor comes early, he will make a new uniform for Pongo.
   (**Use: ___will not _____**)

_____

37. Every classroom was given furniture last term. (**Begin: All _____**)

_____

38. It is a long way from Jinja to Luwero. (**Use: _____far _____**)

_____

39. Amanyire will visit his uncle during the Christmas holidays. (**Use:___going to ___**)

_____

40. You must always say sorry when you make a mistake. (**Use:_____have to _____**)

_____

41. Bengo last wrote a letter to his pen pal three weeks ago. (**Use: ____since ____**)

_____

42. The little boy liked reading story books more than playing games.
   (**Use: _____prefer _____**)

_____

43. The boy said, "I shall do this homework tomorrow." (**Use: _____said that _____**)

_____

44. All the girls in the class have heavy bags. (**None: None _____**)

_____

45. Bouncer Bino made tables. They were big. They were nice. They were in form
   of a rectangle. (**Join without using**: who, but, and, which, that)

_____

_____

46. Weren wrote the name on the front page of the paper but his results were not released. (**Use: _____ despite _____**)

_____

47. The lady will withdraw the money from the account if she goes to the bank. (**Use: _____ went _____**)

_____

48. There was very little milk left in the milk can. (**Use: _____ hardly _____**)

_____

49. Nyafwono enjoyed singing songs during break time. (**Use: ____ interested _____**)

_____

50. When the pedestrians saw the vehicle, they all stopped. (**Begin: No sooner____**)

_____

SECTION B (50 Marks)

51. **Read the passage below carefully and in full sentences answer the questions about it.**

Last year, the pupils of Primary Five had a Music Dance Drama presentation. This was one of the most interesting days in my life. I had heard all the preparations. The tune of the preparations was like a journey to heaven. I was always waiting for 20 December when the MDD was to take place. All the pupils were watching this talented class through the windows.

The day finally came. What everybody was looking forward to was to be seen live on stage. The guest of honour of the day arrived at 10:00.a.m. He was welcomed by Mr. Masaba Isimah, our head master. Pupils of Primary Three presented a welcoming song. The song was very exciting. I did not enjoy the welcome song because I was only waiting for the Primary Five presentation.

Primary Five as expected did not disappoint. They began with the pay about The Serpent. This play was so exciting. Everybody laughed as how the Serpent tricked the woman to eat the forbidden fruit. The main actor in the play, Alien Skin, advised us to watch and learn. I learnt to be obedient to people who are in authority. Whoever watched the play changed their behaviour. It was a turning point for most of the people who turned out for the day. Parents thanked the teachers for preparing the Primary Five class. They also promised to contribute money for buying costumes and musical instruments to boost MDD in our school.

By 4:00p.m., all the MDD Day had ended. We all went home happily and contented. The main character won a scholarship for her outstanding performance while the other actors were given certificates of appreciation. My friend, it is good to take part in extra activities at school. Never despise MDD, Games and Sports. They have changed people's lives besides office jobs in the world.

QUESTIONS

a)   Which class had a Music Dance and Drama presentation**?**

_____

b)   What did the writer of the story compare the tune of preparations with**?**

_____

c)   When did the MDD Day take place**?**

_____

d)   At what time of the day did the guest of honour arrive**?**

_____

e)   How do you know that Primary Three is a welcoming class**?**

_____

f)   Who is the head master of this school**?**

_____

g)   What did the parents promise to do**?**

_____

h)   What advice did the main character in the play give to the learners**?**

_____

i)   What did most of the actors receive at the end of the play**?**

_____

j)   Suggest a suitable title to the passage.

_____

52. **Read the poem below carefully and answer the questions that follow in full sentences.**

Tell me to listen to my elders
For the world needs only disciplined people
To take up all the best jobs
And the undisciplined ones
Will simply face it rough without anything.

Tell me to be well-behaved
To be an example to the rest of the world
Not to get involved in fighting and in abusing
For friendly children will have peace
And wisdom belongs to them.

Tell me to be hard-working
And be a responsible mother like you
When I grow up
I shall give essential needs and health care
To my children and make them proud.

Bidugu K. Lubwama

a)   To whom does the speaker want to listen in the poem**?**

_____

b)   What kind of people does the world need according to the poem**?**

_____

c)   In which stanza does the speaker talk about being an example to the world**?**

_____

d)   Why doesn't the writer want to get involved in abusing and fighting**?**

_____

e)   How does the poet describe his mother**?**

_____

f)   Mention one thing that unfriendly children do.

g)   How many stanzas are in the poem above**?**

_____

h)   Who wrote the poem**?**

_____

i)   Give another word or group of words with the same meaning as the word "essential"

_____

j)   Give a suitable title to the poem above.

_____

53. **The table below shows the number of pupils who got accidents in one week of term 1, 2023. The accidents were at Gorogoro Primary School. Study it carefully and answer the questions that follow in full sentences.**

Class	Mon	Tue.	Wed.	Fri.	Total.
P.1	40	30	20	10	100
P.2	35	20	10	10	75
P.3	30	15	05	05	55
P.5	20	05	00	04	29
P.6	20	00	00	01	21
P.7	10	01	02	00	11
Total	155	71	37	30	291

Prepared by: **Gagawala Wambewo,
Teacher on duty**

QUESTIONS;

a) What does the table above show**?**

_____

_____

b) In which term were the accidents recorded**?**

_____

_____

c) For which class didn't the teacher on duty record the accidents**?**

_____

_____

d) What was the total number of accidents recorded on Monday**?**

_____

_____

e) For how many days were the accidents recorded**?**

_____

_____

f) Who was the teacher on duty in this week**?**

_____

_____

g) Which class did not record any accidents on Tuesday**?**

_____

_____

h) What do you think happened for the accidents to go on reducing throughout the week**?**

_____

_____

i) On which day did Primary Seven record the lowest number of accidents**?**

_____

j) Which class recorded the least number of accidents in the week**?**

_____

_____

54. **Below are sentences that are in a wrong order. Study them carefully and rearrange them to form a good composition.**
a) One day he was moving around the village as usual.
b) The young man made an alarm which attracted villagers.
c) Some merciful people called police but they found him already dead.
d) Some people could no longer move freely in the village due to his badness.
e) Adui was a very bad man who lived in Mapendo village.
f) The police decided to build a police post to improve peace and security in the village.
g) He met a very innocent young man and got hold of his neck.
h) His badness had brought a lot of insecurity in the whole village.
i) Others had hired police officers as escorts to be safe.
j) The villagers came and beat Adui to death.

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

55. **Imagine you have completed Primary Seven and your results have been released. Write a letter to the head teacher of Mpara Secondary School PO Box 96, Pakwach asking for a vacancy in Senior One. In your letter, show your age, sex, and the results you scored. Mention that you will perform well when you are given a vacancy. Mention one extra curricular activity you participated in at your former school and give two referees. Use your school address, Luzira Primary School, PO Box 75. Kisoro.**

_____
_____
_____
_____
_____
_____

SECTION A (40MKS)

1. Which lake in Uganda is known for flamingo birds**?**

   _____

2. Mention the type of farming where a farmer grows perennial crops on a large scale.

   _____

3. How do lakes and mountains influence rainfall in an area**?**

   _____

4. What name was given to the trade between the people of North and West Africa across Sahara desert**?**

   _____

5. Mention any one factor that promotes urbanization.

   _____

6. Name any one natural material used to make a basket.

   _____

7. Why should parents distribute domestic work fairly among boys and girls**?**

   _____

8. Name the group of people who provide education services in our communities.

   _____

9. Which factor made the missionary work develop faster in Buganda than other parts of Uganda**?**

   _____

10. Why were slaves a major item of trade during Trans Atlantic Trade**?**

    _____

11. Mention one way the African Union (AU) is protecting human rights.

    _____

12. State any one way the colonialists benefited from Semei Kakungulu.

    _____

13. Why do areas near the equator experience higher temperature in March and September**?**

    _____

14. Mention one way people living on slopes of Mountain Elgon can manage landslides.

    _____

15. State any one way through a national language is important in a country.

    _____

16. Who is the leader of government business in Uganda's parliament**?**

    _____

17. State any one way benefit of a low population in a developing country.

    _____

18. Draw the map of a table in the space provided below.

19. Give one reason why European traders came to Africa.

_____

20. Name the politician who led Malawi to independence.

_____

21. Why is Dar-es-salaam hotter than Kampala yet it is near a large water body?

_____

22. Mention any one reason why there were very few rebellions in areas where
    indirect rule was used.

_____

23. Give one reason why it is very important to hold clan meetings.

_____

24. Which organization was replaced by United Nations Organization (UNO)?

_____

25. Give any one factor that causes over spending in a country.

_____

26. Which factor enabled Captain Lugard to Control Buganda?

_____

Study the diagram below and use it to answer to answer the question No. 27.
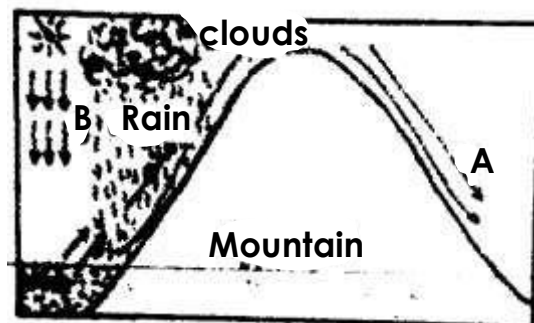
27. Name the side of the mountain marked A.

_____

28. Give any one way farmers can help their crops to grow well during the dry
    season.

_____

29. State any one way colonialists controlled African's struggle for independence.

_____

30. Give one example of essential needs.

31. Mention one way in which Africans benefited from rebellions they staged against colonial rule.

32. State one way the East African Community helps land locked countries to carry out trade.

33. Give one reason why shadows move from East to West during the course of the day.

34. Write U.N.E.P.I in full

35. State one way farmers benefit from good climate in an area.

FOR QUESTIONS 36 – 40, ANSWER EITHER CHRISTIANITY OR ISLAM BUT NOT BOTH ALTERNATIVE NUMBERS.

36. **EITHER**: Why do Christians celebrate Christians**?**

OR: Why do Muslims celebrate Eid-el-fitr**?**

37. **EITHER:** In which parable did Jesus Christ teach good neighbours**?**

OR: Which pillar in Islam promotes good relationship among Muslims**?**

38. **EITHER:** How was Nazareth important to the life of Jesus Christ**?**

OR: How was Mecca important to the life of Prophet Muhammad**?**

39. **EITHER:** How do Christians use their wealth to appreciate God**?**

OR: How do Muslims use their wealth to appreciate Allah**?**

40. **EITHER:** Why should you as a Christian pray for others**?**

OR: Why should you as a Muslim pray for others**?**

SECTION B (60 Marks)

41. a). What is waste management**?**

b). Give any two methods of managing waste.

i) _____

ii) _____

c). Which body in Uganda is responsible for sewerage management?

_____

42. a). Mention any two historical sites located on shores of Lake Victoria.

i) _____

ii) _____

b). In which one way are historical sites important to the people of East Africa?

_____

c). State any one similarity between historical sites and kingdoms.

_____

43. **Study the table below showing the climate of a place and answer questions that follow.**

Month	J	F	M	A	M	J	J	A	S	O	N	D
Rainfall in MM	200	175	100	25	20					50	100	157
Temp.	26	24	24	23	21	20	20	20	21	24	24	22

a). In which month was the highest amount of rainfall received?

_____

b). What was the temperature range?

_____

c). Which type of climate is demonstrated in the table above.

_____

d). Name the general description of the type climate in the table above.

_____

44.   **Study the sketch map of East Africa below and answer questions about it.**
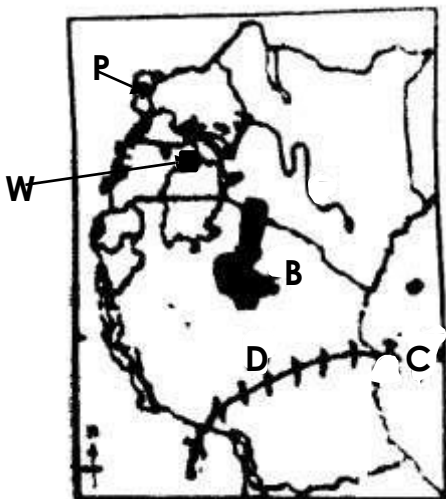
a). Name the National game park marked B.

_____

b). Which cash crop is grown in area marked P**?**

c).Why was the railway line marked D constructed up to town C**?**

d). Mention the forest found on the place marked W on the map.

45.a). What is democracy**?**

b). State two ways in which democracy is practiced in Uganda**?**

i)

ii)

c). Mention one way people mis-use democracy today.

46.a) Name the most important resource in the environment.

b). Give one reason why minerals are referred to as resources.

c). How do people benefit from climate as a resource**?**

d). State one benefit of renewable resources.

47.   **Study the sketch map of Uganda below and answer questions about it**.

a). Name the rift valley marked A on the map.

b) Why is area B highly populated**?**

c) Which lake is marked C**?**

d) Draw the equator line on the map.

48.a) State two factors that cause different vegetation zones in Africa.
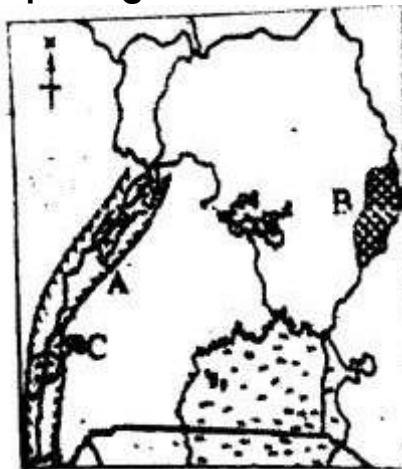
i) _____

ii) _____

b). Give two ways the tourism industry is important in a country.

i) _____

ii) _____

49.a).Which government programme in Uganda was introduced to reduce illiteracy.

_____

b). State any one way illiteracy affects the following sectors.

i) Agriculture

_____

ii) Modern communication

_____

c). Give any one reason why illiteracy levels are higher among girls than boys in Africa.

_____

50.   **Study the diagram below and answer questions that follow.**
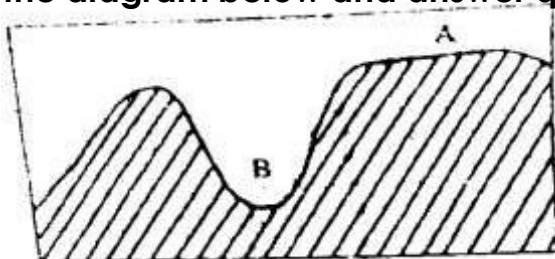
a). Name the physical features marked A and B.

i)   A

ii)B _____

b). Give any one reason why people prefer staying in area marked A.

_____

c). State any one problem people who stay in area B face.

_____

FOR QUESTIONS 51 – 55, ANSWER EITHER CHRISTIANITY OR ISLAM BUT NOT BOTH ALTERNATIVE NUMBERS.

51. **EITHER:** a) What is temptation according to the Bible**?**

_____

b). Give any two ways the devil brings temptations to Christians today.

i) _____

ii) _____

c). Mention any one way Christians can resist temptation by the devil.

_____

OR: a) What is temptation to Islam**?**

_____

b). Give any two ways the devil brings temptations to Muslims today.

i) _____

ii) _____

c). Mention any one way Muslims can resist temptation by the devil.

_____

52. **EITHER**: a). Name the river where Jesus was baptized.

_____

b). What did the dove represent during Jesus' baptism**?**

_____

c). State any one reason why water is used in baptism.

_____

d). What happens to a believer when he or she is baptized**?**

_____

  OR a). Name the symbol of purity in Islam.

_____

b). State any one reason why Muslims perform the act above.

_____

c). What happens to a Muslim believer after performing the symbol of purity in (a) above**?**

_____

d). State any one reason why it is important for every male Muslim should perform the act of purity.

_____

53. **EITHER:** a).State any two reasons why Christians take Jesus Christ as their personal saviour.

i) _____

ii) _____

b). Give any one reason why Jesus Christ is referred to as God by Christians.

_____

c). Mention any one way why Jesus Christ suffered in order to save mankind.

_____

OR: a). Give any two reasons why Muslims take Prophet Muhammad as a true Prophet of Allah.

i) _____

ii) _____

b). For how many days do Muslims fast**?**

_____

c). Name Muhammad's father.

_____

54. **EITHER:** Match people in List A to items in List B.

List A	List B
i). Prophet Isaiah	Set free from prison at a time Jesus Christ had been arrested.
ii). John the Baptist	Wanted to kill baby Jesus.
iii). King Herod	Prophesied the birth of Jesus Christ.
iv). Barabbas	Prophesied the way of the coming of the Messiah.

i). Prophet Isaiah
_____

ii). John the Baptist
_____

iii). King Herod
_____

iv). Barabbas
_____

Or:

List A	List B
i) Sahur	Night prayers during Ramadhan.
ii) Iftra (Futari)	Marks the end of Ramadhan
iii) Salat Tarawiih	A mael eaten at night in preparation of fasting the following day.
iv). Eid-al-Fitr	Meal eaten to breakfast.

i) Sahur
_____

ii) Iftra (Futari)
_____

iii) Salat
_____

iv). Eid-al-Fitr
_____

55. **EITHER:** a). Give any two ways a church is important in any society.

i) _____

ii) _____

b). State any two ways of caring for churches in our society.

i)_____

ii) _____

Or: a). Give any two ways a mosque is important in any society.

i) _____

ii) _____

b). State any two ways of caring for mosques in our society.

i)_____

ii) _____

UNEB BLUE PRINT ITEM (FOUR)
INTEGRATED SCIENCE

SECTION A (40MKS)

1. Name the type of soil suitable for making ceramics.
    ………………………………………………………………………………………..

2. Mention the longest bone in the body.
    …………………………………………………………………………………………

3. Which fungal disease is associated with wearing wet socks?
    ………………………………………………………………………………………..

The diagram below is of a common vector. Use it to answer questions 4 **and** 5.

P

4. Name the part labelled **P** on the above vector.
    ………………………………………………………………………………………..

5. Which body system is affected by the germ spread by the above vector?
    ………………………………………………………………………………………..

6. Give a reason why the filament of an electric bulb is coiled.
    ………………………………………………………………………………………..

7. Name any one insect that pollinates flowers at night.
    ………………………………………………………………………………………..

8. What state of matter is water at **32⁰ F**?
    ………………………………………………………………………………………..

9. Name the part of the brain whose function is similar to the semicircular canals of the human ear?
    …………………………………………………………………………………………

10. Give one reason why the government collects information on people's housing.
    …………………………………………………………………………………………

11. Apart from having segmented bodies and jointed legs, state one other characteristic common to all arthropods.
    …………………………………………………………………………………………

12. Give one way leguminous crops improve on fertility.
    …………………………………………………………………………………………

13. Mention one kidney disease that affects people between **45 – 60** years.

……..

14.   What role is played water in the process of making compost manure?

……

15.   How are the valves in veins similar to the kink of a clinical thermometer in function?

………

**Study the diagram of a   candle below and use it to answer
questions that follow.**

A

16.   Why did the above candle continue burning?

………

17.   What type of change is shown by substance **A**?

……..

18.   Give one reason why farmers practice crossbreeding.

………..

19.   What process makes due disappear on plant leaves?

……...

20.   Identify a method of harvesting trees where a stem cut leaves a stump behind.

……...

21.   State the immediate result of fertilization.

……………………………………………………………………………………………………..…………

Below is a list of organisms. Use it to answer question 22.

lion   maize   bacteria   man

22   Which of the above organisms is a primary consumer?

……..

23.   Name one cattle disease with the following signs; shivering, blood stained
       dung, blood oozing from the mouth, anus and nose.

……...

24.   State the principle on which a plane mirror works.

………..

25.   How does the skin reduce the loss of excessive heat from the body?

……

26.   Name the part of the thermos flask that prevents heat loss or gain by conduction.

………..

27.   In which way is the retina of an eye similar to the film of a camera?

....

28. Give one reason why medical workers discourage patients from taking under dose.
....

29. Mention any one item that one can use to maintain cleanliness during menstruation period.
....

30. Why is rainfall measured in millimeters?
....

31. Give one way the use of a magnet can be similar to that of a shadow.
....

32. What energy takes place in the dry cells of a torch when the circuit is complete?
....

33. What is weathering?
....

34. To which class of lever does a single fixed pulley belong?
....

35. Give one way a primary school going boy can use to avoid smoking.
....

36. Give one cause of antisocial behaviour in the society.
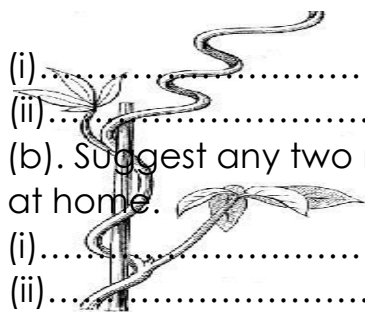...

An experiment below was done by a P.5 class. Use it to answer question 37.
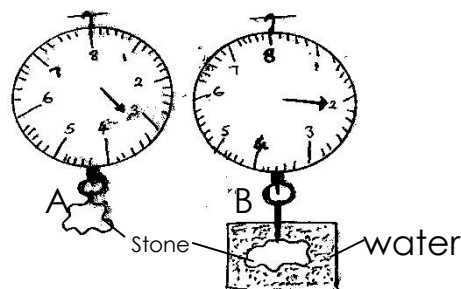
37. Why does the stone behave as shown in **B** when placed in water?
....

38. Give one way plants reduce transpiration rate during the dry season.
....

39. How is a smelly jelly that surrounds eggs of amphibians important?
....

40. Give one example of an alloy.
....

SECTION B (60 Marks)

41. a). Give two causes of sickness at home.

(i)..
(ii)..
(b). Suggest any two measures parents can take to control sickness in their children at home.
(i)...
(ii)..

42. **The diagram below shows a dry cell and a bulb on it when a wire is connected as shown**

dry cell

bulb

wire
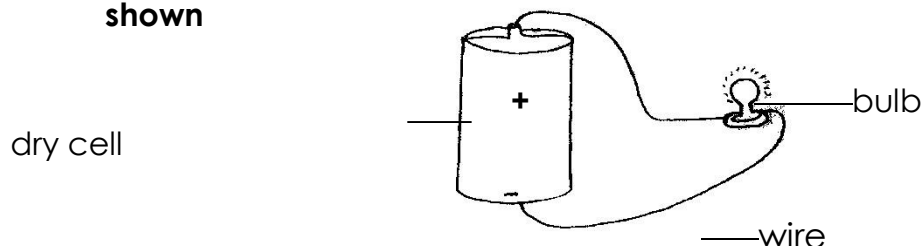
a). What form of energy has been converted to light energy?
....

b). What form of energy is produced by the dry cell above?
....

c). Give one advantage of using a dry cell.
....

d). Use the arrows to indicate the flow of electricity on the dry cell above.

43. a).Why is piggery an important project to a farmer in Uganda today?
....

b). Mention any two factors farmers consider when selecting piglets to rear.
(i)..
(ii)...

c). How can pigs be useful to crop production?
....

The diagram below is a cross section of a human kidney. Study it carefully to answer the questions.
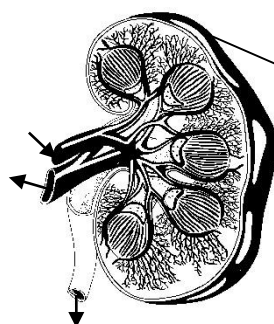
P

A

B

Q

44. a). What does part **Q** lead to?
....

b). What important process takes place in **P**?

……..…
(c). Give one water bone disease of the organ above.

……..
(d). State the difference between blood vessel **A** and **B**

……...
45.(a). What are renewable resources?

……..
(b). Give any one example of non-renewable resources in the environment.

……..
(c). What type of electricity is produced from burning crude oil?

……..
(d). Why is soil regarded as a renewable resource?

……..

46.   **The diagram below shows a boy using a metallic bar to raise a sack of beans. Use it to answer questions that follow.**

sack

metallic bar

a). Which class of simple machine is the boy using?
(ii)………..
b). What can he do to lift the sack more easily?

……..
(c). Name the force that shows movement in moving parts of a machine.

……..
d). How is the force in **(c)** useful in our daily life?

……..
47.   a). Mention two ways of making magnets.
(i)……………………………………………………………..(ii)………………………………………………………
b.) Write down any two ways of demagnetization.
(i)…………………………………………………………(ii)……………………………………………………..
48.   **In the table below list** Q **shows the different methods of separating mixtures. List** R **shows sample mixtures that can be separated but in their wrong order.**

List **Q**	List **R**
(a). filtration	Pure alcohol from fermented alcohol.
(b). decantation	Separated tea from tea leaves.

(c). distillation	Obtaining salt crystals from water.
(b). evaporation	Obtaining pure water from muddy water.

Select from the table the correct sample of mixture for the appropriate method below and write it in the space provided.

(a). filtration …………………………………………………………………………………..

(b). decantation …………………………………………………………………………………

(c). distillation …………………………………………………………………………………..

(d). evaporation …………………………………………………………………………………..

49.   a). What does the term agro forestry mean?

…………………………………………………………………………………………………..

b). Apart from agro forestry, give any two other human activities that can help to conserve our environment.

(i)…………………………………………………(ii)…………………………………………..

 (c). Mention any one way of caring for trees in agro forestry.

…………………………………………………………………………………………………..
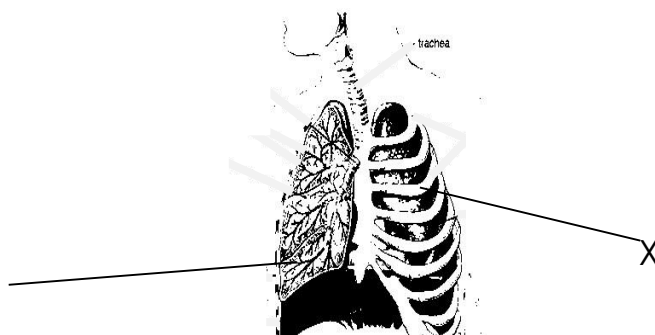
50.   **The diagram below shows the respiratory system of a man. Use it to answer questions that follow.**

a). Name the body organ marked **Z**.

………………………………………………………………………………………………..…

b). Give one reason why organ **Z** contracts during exhalation.

…………………………………………………………………………………………………...

c). State the importance of structure marked **X** to organ **Z**.

....

d). Mention any one way tobacco smoking is dangerous to organ marked **Z**.

....

51.   **The following are lists of organisms** K **and** L **that belong to different groups. Use them to answer the questions that follow**.

<u>List **K**</u>   <u>List **L**</u>

liverworts   mosses

              moulds   mushroom

a). To which group of plants do organisms in **K** belong?

....

b). State one similarity between organisms in list **K** with those in list **L**.

....

c). How are organisms in list **K** different from those in list **L**?

....

d). Mention one other organism that can be grouped together with organisms in list **L**.

....

52.   (a). Give the difference between pitch and volume of sound.

....

b). Give one natural source of sound.

....

c). State two ways how echoes are important in our daily life.
(i)..
(ii)...

53.   a). Give two uses of soil to man.
(i)..
(ii)...

(b) State any one way soil can be degraded.

....

(c). Give one way soil can be improved for crop growing.

....

54.   a). What general name is given to the bones of the spines?

....

b). State two regions of the human skeleton.
(i)..(ii)...

c). Apart from movement, give any other function of a skeleton to a human being.

....

55.   **Below is a human female reproductive system. Study it carefully to answer questions that follow.**   C
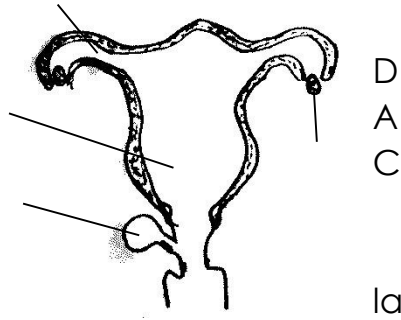
a). Name the part labelled **C** and **D**.

(i) **C**...(ii) **D**..

b). State the function of the part labelled **A**.

....

c). How can one care for the system above?

....

SECTION A (40 MARKS)

1. Workout: 201 + 21

2. Write 49 in Roman numerals.

3. Find the next number in the series; 1, 4, 9, 16, _____.

4. How many pieces of string of 5cm can be obtained from a string of 2.5m?

5. The probability that Becky will pass Mock exams is 0.8. What is probability he will fail mock exams?

6. In the diagram below, AE is parallel top CD. Find the size of angle marked W.

A ———— 50^0 ———— E
60^0

C ———————— W D
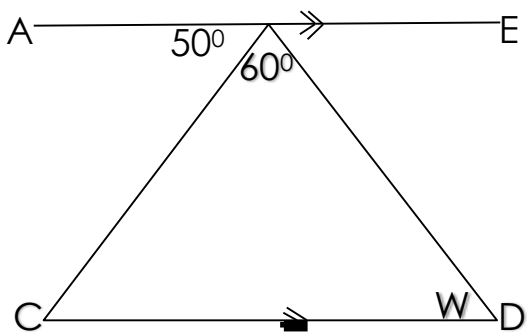
7. Set R has 15 proper subsets, how many elements are in set R**?**

8. The temperature of Kisoro was -5^{0}C and then that of Mbarara was 27^{0}C. What is the difference in the temperature of the two places**?**

9. Change 123$_{five}$ to decimal base.

10. Calculate the circumference of a circle whose diameter is 28cm.

11. Write "Eight hundred two thousand four" in figures.

12. Work out (0.8 x 25) + (75 x 0.8)

13. Factorize completely 2ab – 4a.

14. The ratio of red pens to blue pens in the box is 2:3 respectively. How many red pens are in the box if there are 15 blue pens in the box?

15. Express 8000 in scientific form.

16. Find the bearing of Q from P. in the figure below.
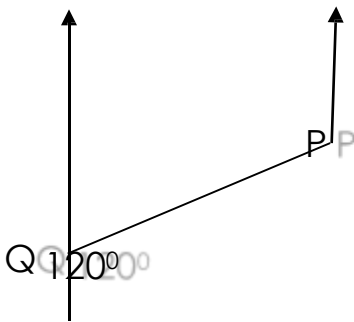
17. Given that ⚽ stands for 25 balls. How many balls are represented by ⚽⚽⚽⚽?

18. The average weight of 5 pupils is 30kg when their teacher joins them, their teacher joins them, their average weight becomes 36kg. Find the weight of the teacher.

19. Akot covered a distance of 80km in only 45 minutes. Calculate the speed at which he was driving.

20. Solve $5 - 3(y - 1) = 17$

SECTION B (60MARKS)

21. In a class, 20 students passed English (E), (k+32) passed Maths (M) only, 5 pupils passed both subjects and (2k – 4) pupils failed both English and Maths.

a). Complete the Venn diagram below using the information above. (2mks)

$n(\Sigma)$

$n(E)$ $n(M)$

5
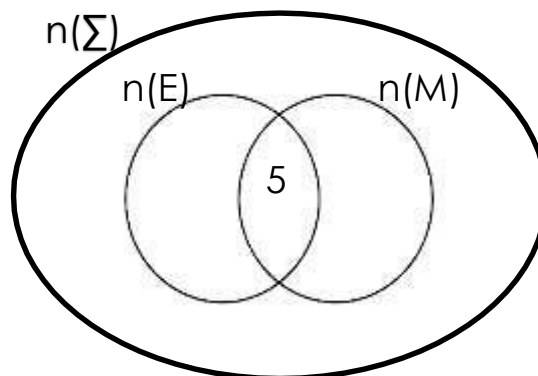
b). Find the value of K if 16 pupils failed both subjects. (2mks)

c). How many pupils passed Maths? (1mks)

22. At a certain construction firm, three trucks A, B and C were used to deliver sand at intervals of 30minutes, 40minutes and 50minutes respectively.
a). After how long do the three trucks deliver at the same time? (3mks)

b). If they last delivered together at 10:30am. At what had they previously delivered the sand? (2mks)

23. The table below shows marks scored by a group of selected pupils.

a). Complete the table. (3mks)

Marks	No.pupils	Total
50		200
85	2	
	3	180
95		190
100	1	100

b). How many pupils scored marks above average? (2mks)

24. a). The diameter of a wheel of a motorcycle is 35cm. Find the number of revolutions the wheel makes to cover a journey of 33km. (2mks)

b). If the motorcyclist covers 110m per minute, how long will the journey of 33km take? (Give your answer in hours.) (3mks)

25. Mr. Okododiti went to Kumi supermarket and bought the following items.
- 2kg of sugar at Shs8,000
- 4 loaves of bread at Shs4,500 per loaf.
- 6litres of milk at Shs1,500 per litre.
- 500gms of tea leaves at Shs1,000.

If he went with a fifty thousand shillings note, calculate his change. (5mks)

26.a). Musoke left town A at 6:30am and drove to town B at 80km/hr for 3 hours. He then continued to town C at 30km/hr for 2 hours. When did he reach town C? (2mks)

b). What was Musoke's speed for the whole journey? (3mks)

27. a). Simplify: $\frac{1.8 \times 2.4}{2.7+0.9}$ (3mks)

b). Write 5.68×10^{-2} as a single number (2mks)

28. The tanks below can hold the same amount of water when completely full. Study them with care and answer the questions that follow.

A

h

20cm

22cm

B

100cm

14cm
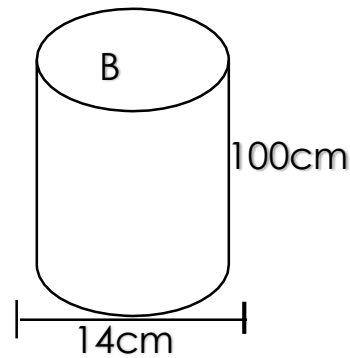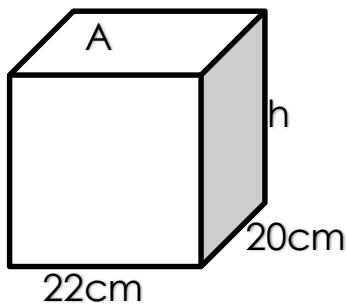
a). Calculate the value of h. (3mks)

b). How many litres of water does tank A hold**?**   (2mks)

29.a). James is three times as old as Peter now. In 5 years time, the difference between their ages will be 30 years. How old is James now**?**   (3mks)

b). How old will Peter be in 25 years' time**?**   (2mks)

30. Given that y = 2x + 1 complete the table below. (5mks)

X	3		$\frac{1}{2}$		0
Y		5		7	

31. Musoke deposited a certain amount of money in the bank which offers a simple interest rate of 5% per year. After 2 years, his account had an amount of Shs264,000. Calculate the money Musoke deposited. (5mks)

32.a). Plot **A**(-2, 3), **B**(2, 3), **C**(4, -3) and **D**(-4, -3) on the coordinate graph below. Join A to B, B to C, C to D and D to A (2mks)
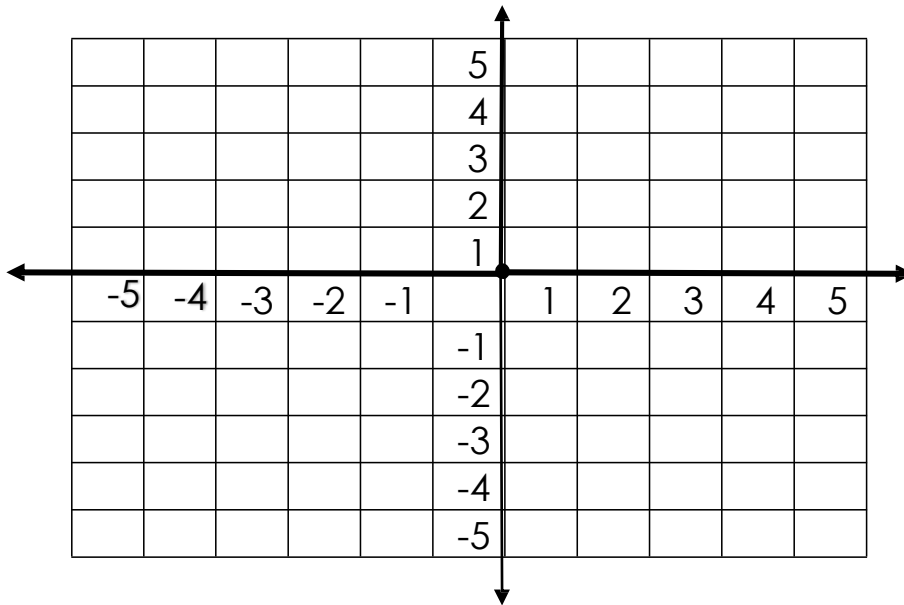
b). Name the figure formed. (1mk)

c). Work out the area of the shape formed in square units. (2mks)