



# IVORY INTERNATIONAL SCHOOL

KINDERGARTEN AND PRIMARY MIXED DAY AND BOARDING  
BULOBA – MITYANA ROAD

YEAR 6 BEIJING  
BREAK OFF PACKAGE TERM I 2020  
SET I (B)

## **ENGLISH**

Name: \_\_\_\_\_

### **SECTION A** **Sub-section I**

**For questions 1 – 10, use the correct form of the words given in brackets to complete the sentences.**

1. The police arrested the boy who was sitting in the driver's \_\_\_\_\_.  
(sit)
2. I hate \_\_\_\_\_ taxi conductor. (forget)
3. The \_\_\_\_\_ for my sister's birthday party was held at Sheraton Hotel Gardens. (receive)
4. My neighbour is \_\_\_\_\_ in bed at Mbarara Hospital. (to lie)
5. The police \_\_\_\_\_ in arresting the drunk driver. (success)
6. Mummy \_\_\_\_\_ to China on a business trip last week. (fly)
7. The police have arrested him because he was driving \_\_\_\_\_. (danger)
8. What is your uncle's \_\_\_\_\_? (occupy)
9. Nambi is the \_\_\_\_\_ of the two sisters. (fat)
10. The morning traffic was controlled by six \_\_\_\_\_. (policeman)

**For questions 11 – 15, fill the blanks with the most suitable word or group of words.**

11. Samalie never greeted anyone, \_\_\_\_\_?
12. \_\_\_\_\_ the timekeeper rang the bell, the speaker sat down.
13. The school children were not allowed to cross the road \_\_\_\_\_ it was clear.
14. Matayo is not a good driver \_\_\_\_\_ is Boniface.
15. We have not had any debate \_\_\_\_\_ last month.

**For questions 16 – 18, rewrite the sentences giving the opposite form of the underlined words.**

16. Andrew could not measure the width of the room.

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17. Our neighbour bought the new car expensively.

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18. Kabugo is the most dishonest boy at school.

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**For questions 19 – 20, re- arrange the given words in dictionary order.**

19. polite, policy, politics, policy

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20. timekeeper, opposer, secretary, proposer

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**In questions 21 – 23, write the short form of the given words.**

21. must not \_\_\_\_\_

22. master – of – ceremonies \_\_\_\_\_

23. for example \_\_\_\_\_

**In questions 24 – 26, rewrite the sentences giving the plural form of the underlined words.**

24. The taxi – conductor tied the cloth firmly.

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25. I killed the mouse which I found in my desk.

---

26. I have seen a butterfly on the windscreen.

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**For question 27, rearrange the given words to form a sensible sentence.**

27. vehicles British maintain to difficult are.

---

**For questions 28 –30, rewrite the sentences giving one word for the underlined group words.**

28. He had the accident at the place where two roads meet.

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29. It was not possible for me to get the book since the librarian was not at school.

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30. The cyclist was wearing a hat that protects the head from injury.

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**Sub - section II**

**In each of the questions 31 to 50, rewrite the sentence as instructed in brackets.**

31. Mr. Kapere is a very careless driver. (Begin: What.....)

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32. The headprefect was very helpful. The timekeeper was helpful.  
(Join into one sentence using: .....as.....)

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33. The driver is not my relative. The conductor is not my relative.  
(Join the sentences using: Neither.....nor.....)

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34. Sandra is very sick. She will not attend today's debate.  
(Rewrite as one sentence using:.....too.....to....)

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35. If you delay, the bus will leave you. (Rewrite using ....delayed.....)

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36. Immediately the accident occurred, the LCI chairman of the area rang the police.  
(Rewrite the sentence using: ...as soon as.....)

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37. The director sympathised with the bereaved family. The headmaster sympathised with the bereaved family. (Join beginning: Both.....)

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38. The driver was rude to the passengers. The conductor was rude to the passengers.  
(Rewrite as one sentence using:.....and so.....)

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39. All the main speakers had very good points. (Begin: Each.....)

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40. " I will call my mother tomorrow," said Suzan. (Begin: Suzan promised that.....)

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41. All the drivers should obey the traffic rules. (Rewrite using: ..... must.....)

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42. The cobbler is mending Nambi's shoes. (Begin: Nambi's shoes.....)

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43. I have reported the boy. He disobeyed the prefect.  
(Join the sentences using:....who....)

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44. Marion was very tired. She could not sit any more.  
(Rewrite as one sentence using....so....that....)

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45. Mrs. Kabaata turned left when she saw the signpost.  
(Rewrite the sentence using....after.....)

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46. She attended the debate, but she didn't raise any point.  
(Rewrite the sentence beginning: Although.....)

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47. Daddy has gone to Gomba Garage. His car has a mechanical problem.

(Join into one sentence using:.....because.....)

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48. The new girl answered the questions in a wise way.

(Rewrite the sentence using a single word for the underlined group of words.)

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49. If you don't apologize to me, I will report you to the teacher. (Begin: Unless.....)

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50. Cynthia wrote a letter and then posted it.

(Rewrite the sentence beginning: Having...)

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### **Section B**

51. **Read the passage below and, in full sentences, answer the questions that follow.**

A great number of people die in road accidents in Uganda every year. The major cause of these accidents is indiscipline. Many road users do not follow traffic rules and regulations. Amongst the road users, motorists and motorcyclists are the main culprits. They are the ones responsible for almost all cases. Some vehicles they use are in poor mechanical conditions.

Pedestrians, too share the blame. They do not bother to learn and interpret road signs. Sometimes they cross the road carelessly, thinking that motorists will see them and stop. In some big towns where there are zebra crossings, pedestrians behave irresponsibly. They walk across zebra crossings like snails and sometimes even stop to greet each other!

Road accidents can be reduced. What we all need is a change in attitude. Apart from observing traffic rules and regulations, we should all learn to respect other road users.

We should also be patient and willing to help each other, so that we can make roads safe for us.

Undisciplined road users should be arrested, prosecuted and made to pay very heavy fines. If the accidents are fatal, the people who have caused them should be sentenced to jail for a long time. This will demonstrate to road users that life cannot be bought. Enough is enough!

**Questions**

- (a) What is the passage about?  
\_\_\_\_\_
- (b) How many people die in road accidents?  
\_\_\_\_\_
- (c) According to the passage, what is the main cause of road accidents in Uganda?  
\_\_\_\_\_
- (d) Which group of road users cross roads carelessly?  
\_\_\_\_\_
- (e) Why do you think zebra crossings are mainly found in big towns?  
\_\_\_\_\_
- (f) Give one way undisciplined road users can be punished.  
\_\_\_\_\_
- (g) What should Ugandans do in order to reduce road accidents?  
\_\_\_\_\_
- (h) What does the writer mean by "enough is enough"?  
\_\_\_\_\_
- (i) Give one word or group of words that can mean the same as the underlined word in the passage: **culprit**.  
\_\_\_\_\_
- (j) Suggest a suitable title for this passage.  
\_\_\_\_\_

52. **The sentences below are in a wrong order. Re arrange them in a correct order to make a good story.**

- (a) They went and hid inside the school toilets.
- (b) "Where is Musa and Christopher?" the English teacher asked.
- (c) Finally, the English teacher punished them for dodging the lesson.
- (d) Because they were close friends, they could do everything together.

- (e) So, last month these two decided to dodge an English lesson.
- (f) Immediately, Musa and Christopher appeared in the classroom led by the head prefect.
- (g) They dodged it because they had not completed the English homework.
- (h) Musa and Christopher were close friends.
- (i) "We don't know where they are," replied the class.
- (j) When the English teacher entered the classroom, he noticed their absence.

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53. **Below is a conversation between Brian and Mercy. What Brian said is given. Fill in what you think Mercy said.**

**Brain:** Good morning, Mercy.

**Mercy:** \_\_\_\_\_

**Brain:** Where are you going?

**Mercy:** \_\_\_\_\_

**Brain:** What are you going to do at the post office?

**Mercy:** \_\_\_\_\_

**Brain:** Where is the letter you are going to send?

**Mercy:** \_\_\_\_\_

**Brain:** I hope it's safe in your bag. Where are you sending it?

**Mercy:** \_\_\_\_\_

**Brain:** I see. Do you know how much it costs to send a letter to Hoima?

**Mercy:** \_\_\_\_\_

**Brain:** Sorry, you need to buy a stamp.

**Mercy:** \_\_\_\_\_

**Brain:** It costs only one thousand shillings.

**Mercy:** \_\_\_\_\_

**Brain:** You will buy it at the counter inside the post office.

**Mercy:** \_\_\_\_\_

**Brain:** Next, you will stick it on the envelope.

**Mercy:** \_\_\_\_\_

**Brain:** You are welcome.

54. **Read the advertisement below carefully and then answer, in full sentences, the questions that follow.**

DEBATE	DEBATE
<b>Nakaseke Junior School Vs. Kamuli Public Primary School</b>	
<b>WHEN:</b>	1 <sup>st</sup> may, 2015
<b>VENUE:</b>	Nakaseke Junior School Main Hall
<b>Time:</b>	2:30 p.m. – 4:30 p.m.
<b>ENTRANCE:</b>	Free
<b>PRINCIPAL SPEAKES</b>	
1. Mutebi Paul (Nakaseke Junior School) – Proposer	
2. Amongini Betty (Kamuli Public Primary School) – Opposer	
3. Nakitende Cate (Nakaseke Junior School) – Proposer	
4. Walakira Amos (Kamuli Public Primary School) – Opposer	
<b>MOTION:</b> "DAY SCHOOLS ARE BETTER THAN BOARDING SCHOOLS"	
Don't miss! Come and attend this thrilling exchange of ideas!	
Kirabo Juliet Chairperson – Debating Club (Nakaseke Junior School)	

**Questions**

- (a) What is the advertisement about?

\_\_\_\_\_



(b) Who do you think is being informed in the message?

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(c) According to the advertisement, which school will host the debate?

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(d) When will the debate take place?

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(e) Suggest another word that can be used in place of 'principal' in the advertisement.

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(f) Mention any one proposer for the motion.

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(g) How long will the debate last?

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(h) Which school is opposing the motion?

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(i) Who wrote the advertisement?

---

(j) What is the motion for the debate?

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55. **You have been chosen the chairperson of next Friday's debate in your school, and you feel very excited about it. Write a letter to your friend who is studying in another school and tell him / her about the news. Include at least three reasons why debating is very important in schools, and invite him to attend the debate. Use your school address.**

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# Integrated Science

## **SECTION A:**

1. Give one example of livestock.  
\_\_\_\_\_
2. What does a tilapia use for swimming?  
\_\_\_\_\_
3. Mention one example of a root crop.  
\_\_\_\_\_
4. How does a hyena benefit from a lion living in the same environment?  
\_\_\_\_\_
5. Which aspect of wind is measured using an anemometer?  
\_\_\_\_\_
6. Mention the component of breast milk that improves on the baby's immunity.  
\_\_\_\_\_
7. State the importance of glucose in the body.  
\_\_\_\_\_
8. What characteristic can be used to identify a mammal from a group of vertebrates?  
\_\_\_\_\_
9. Why isn't polythene used as mulch?  
\_\_\_\_\_
10. Name the major raw material from which crayons are made.  
\_\_\_\_\_
11. State the importance of oxygen in ones body.  
\_\_\_\_\_
12. What is density?  
\_\_\_\_\_
13. How is charcoal made?  
\_\_\_\_\_

**Below are bottles with water in them.**



14. How can the bottles be made to produce the same pitch of sound?

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15. Where does the food go after being digested?

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16. State the danger of bush burning.

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17. Why isn't filtration a good method of making water safe for drinking?

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18. Give one indicator of a dirty environment.

---

19. Where does a germinating bean seed get its food?

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20. How are infants protected against Tetanus?

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21. Point out one agent of soil erosion.

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22. How are veins important in a leaf?

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23. In the space provided below, draw the beak of a juice sucking bird.

24. Name one item that can be used to clean ears.

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25. Which advice would you give to a friend who has just left a latrine?

---

26. How is the ileum adapted to its function of absorbing digested food?

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27. Mention one property of clay soil.

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28. What are infectious diseases?

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29. How is the knowledge of rainfall patterns important to farmers?

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30. What term is used to refer to the animals with backbone?

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31. Convert  $0^{\circ}\text{C}$  to  $^{\circ}\text{F}$ .

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32. Why is aluminium a suitable material for making saucepans?

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33. State the role of yeast in the fermentation method of making alcohol.

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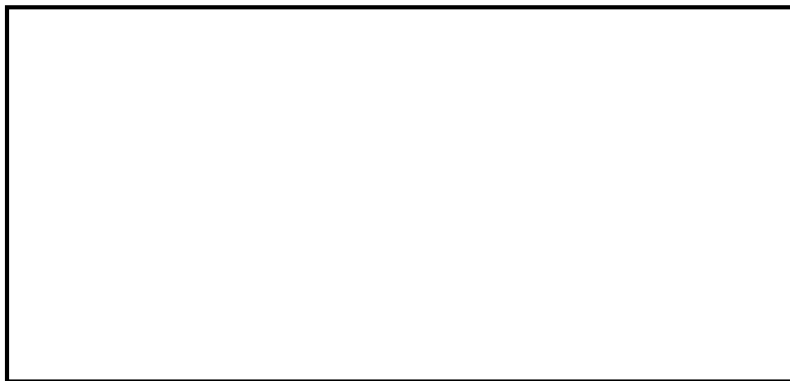
34. Mention one danger of natural changes.

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35. What property of air enables us to drink soda with a straw?

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36. In the space provided below, draw a rake.



37. Why are farmers encouraged to thin their crops?

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38. Where do mosquitoes lay their eggs?

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39. Point out one use of a windmill.

---

40. Mention one organ of the body commonly affected by alcoholism.

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## SECTION B

41(a) What is immunity?

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(b) Point out two vaccines administered with the help of an injection.

(i)

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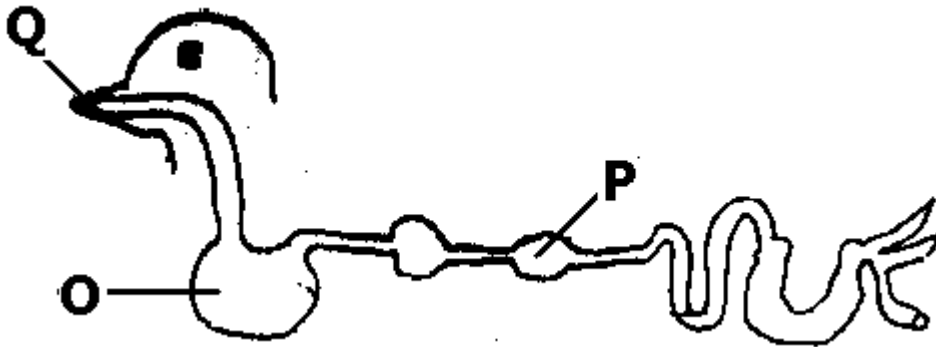
(ii)

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(c) Why are we encouraged to get immunised?

---

42. **Study the diagram below and answer the questions about it.**



(a). Name part marked O.

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(b) Mention the livestock with the digestive system shown above.

---

(c) How is part P adapted to its function?

---

(d) Which of the labelled parts is used for picking food?

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43(a) How is sound produced?

---

(b) Give the meaning of each of the terms below in relation to sound:

(i) volume

---

(ii) pitch

---

(c) State any one way sound is used in your community.

---

44(a) What term is used to refer to the process by which plants make food?

---

(b) How does a goat benefit from the above process?

(i)

---

(ii)

---

(c) Point out the form of energy a plant needs to carry out the above process.

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45(a) What is soil conservation?

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(b) Point out two methods used to conserve soil.

(i)

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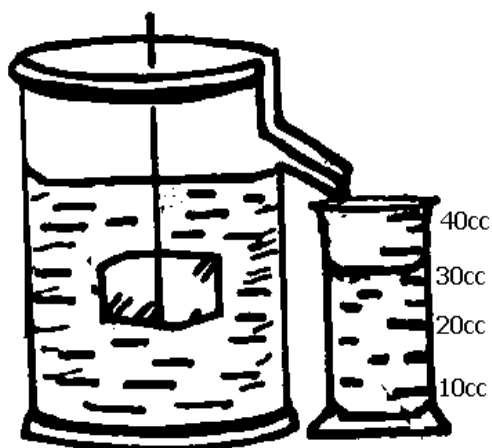
(ii)

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(c) Which group of crops is useful in soil conservation?

---

46. **Below is a method of finding volume of objects.**



(a) Name the method shown above.

---

(b) What type of objects have their volume found as shown in the diagram?

---

(c) State the volume of the block above.

---

(d) Give one reason for your answer in (c) above.

---

47(a) State one danger of cigarette smoking to:

(i) an individual

---

(ii) the community

---

(b) Name the raw material from which cigarettes are made.

---

(c) How can you help a friend leave the smoking habit?

---

48. **Complete the table below.**

Vector	Disease spread
Rat flea	.....
.....	Typhoid fever
Tsetse fly	.....
.....	Relapsing fever

49(a) Which animal makes honey?

---

(b) Point out two materials from which honey is made.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) How are bees important in plant reproduction?

---

50. **The diagram below is of a bird's beak.**



(a) What does the bird with the beak above feed on?

---



(b) Of what use is its beak?

---

(c) Give two examples of birds with beaks as shown above.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

51(a) To what kingdom do mushrooms belong?

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(b) How are the following parts important to a mushroom?

(i) gills

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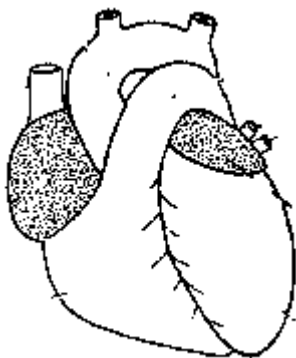
(ii) hyphae

---

(c) State one importance of mushrooms in soil formation.

---

52. **Below is one of the body organs.**



(a) Name the body organ shown above.

---

(b) State the function of the organ above in ones body.

---

(c) How is the organ adapted to its function?

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

53(a) What is matter?

---

(b) To what state of matter does water belong?

---

(c) Identify any two properties of matter.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

54(a) Give the meaning of the term 'drug abuse'.

\_\_\_\_\_

(b) Identify two commonly abused drugs.

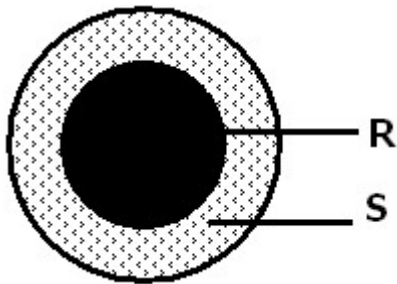
(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) How can drug abuse be a danger to human health?

\_\_\_\_\_

55. **Below is a diagram showing regions of a shadow.**



(a) Name the region of the shadow marked with letters R and S;

(i) R: \_\_\_\_\_

(ii) S: \_\_\_\_\_

(b) What type of objects forms shadows?

\_\_\_\_\_

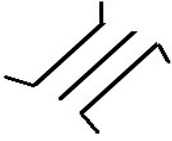
(c) How has man made good use of shadows?

\_\_\_\_\_

# Social Studies and Religious Education

## SECTION A:

1. What does the map symbol drawn below represent?



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2. Mention one neighbour of East Africa that is landlocked.

---

3. Give one way the increase of population can be controlled.

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4. Compare the formation of Mt Rwenzori to Mt. Elgon.

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5. Give one symbol of the East African Community.

---

6. How is culture important to people?

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7. State one way phosphates contribute to the development of farming in East Africa.

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8. Explain how Mirambo benefited from being a captive of the Ngoni.

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9. Under which ministry are all schools in Uganda?

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10. Mention one tribe of the highland Nilotes that lives on the slopes of Mt. Kilimanjaro.

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11. Why should the government of Uganda set up valley dams in Karamoja?

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12. Name the Kabaka of Buganda who died in exile during colonial rule.

---

13. Give a reason why most explorers were interested in coming to Uganda.

---

14. State any one method the British used to establish their rule in Uganda.

---

15. Name one kingdom in Uganda that fought against the European colonialists.

---

16. State one reason why the slopes of Mt. Elgon are densely populated.

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17. How are the Galla of Kenya related to the Bahima of Uganda?

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18. How are feeder roads important to farmers?

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19. Which factor hinders human settlement in Miombo woodlands of Central Tanzania?

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20. How did the coastal Arabs contribute to the expansion of the Buganda kingdom?

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21. Give a reason why IBEACo. was making loses in its trade.

---

22. Which vegetation is commonest in areas that experience tropical climate?

---

23. What are norms?

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24. Name the water channel that joins L. George to L. Edward.

---

25. Name any one of the first Africans to join the LEGCO in Uganda in 1945.

---

26. How does river Nile contribute to the industrial development of East Africa?

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---

27. Identify the tool of early man drawn below.



---

28. Give any one contribution of the Chwezi to the development of farming in East Africa.

---

29. Name the ministry of the government of Uganda that carries out a population census.

---

30. State any one factor that makes more people settle in some areas than others.

---

31. How is a key useful to a map-reader?

---

32. Give one reason why some nomads like the Iteso started crop farming.

---

33. Which important day is celebrated on 8th March?

---

34. What name is given to the trade whereby goods are exchanged for goods or services?

---

35. Give one way tourism is important to a country.

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**For questions 36 – 40, answer Christianity or Islam "BUT NOT" both.**

36. **Either:** Which message did God give to Moses?

---

**Or:** Which book did Allah give to prophet Musa?

---

37. **Either:** Give the meaning of the term '**convert**'.

---

**Or:** Name the first woman to convert to Islam.

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38. **Either:** Name the person in the Bible who is remembered for his faith.

\_\_\_\_\_

**Or:** Name the prophet in Islam who is remembered for his faith.

\_\_\_\_\_

39. **Either:** What is meant by the term religious custom?

\_\_\_\_\_

**Or:** What is meant by the term 'Hegira'?

\_\_\_\_\_

40. **Either:** Name the first book in the Bible.

\_\_\_\_\_

**Or:** Name the first surah in the Holy Qur'an.

\_\_\_\_\_

**SECTION B**

41(a) Give any two reasons for the revival of the East African community.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) Name any one new member state of the East African community.

\_\_\_\_\_

(c) Name one body of the East African Community that has its headquarters in Kampala.

\_\_\_\_\_

42(a) What is meant by the term **natural vegetation**?

\_\_\_\_\_

(b) Suggest one reason why people in Uganda cut down trees.

\_\_\_\_\_

(c) What type of forest is Mabira forest?

\_\_\_\_\_

(d) Give one main way forests are important to farmers.

\_\_\_\_\_

43(a) What is a **National budget**?

(b) Give any two types of budgets.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) How does the government of Uganda get most of her revenue?

\_\_\_\_\_  
\_\_\_\_\_

44(a) What is meant by the term **rural – urban migration**?

\_\_\_\_\_  
\_\_\_\_\_

(b) Give any one reason why people migrate from villages to settle in towns.

\_\_\_\_\_  
\_\_\_\_\_

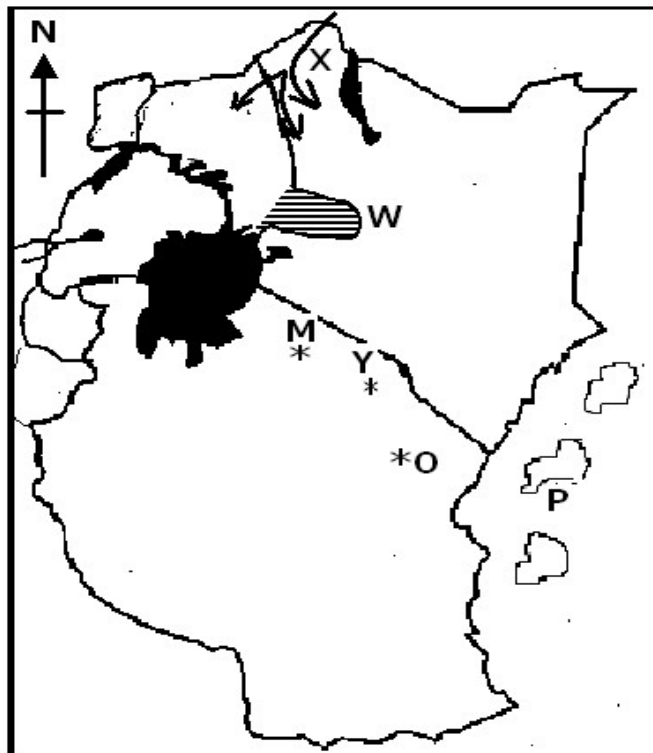
(c) Identify one problem faced by people who move from villages to towns.

\_\_\_\_\_  
\_\_\_\_\_

(d) Give one way people in rural areas benefit from the setting up of small industries in villages.

\_\_\_\_\_  
\_\_\_\_\_

45. **Study the map of East Africa and use it to answer question 45.**



(a) Mention the kingdom that once occupied the shaded region marked W.

\_\_\_\_\_

(b) Identify the ethnic group that entered East Africa through the arrow marked X.

---

(c) State the letter that shows the location of Olduvai Gorge.

---

(d) Use letter Z to show Somalia.

---

46(a) Write down the one component of climate.

---

(b) Which climate has long wet seasons and short dry spells?

---

(c) Mention any two factors that affect the climate of Uganda.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

47(a) How is Rwanda similar to Uganda in terms of location?

---

(b) Write down any two problems faced by Rwanda and Uganda due to their geographical location.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Name one seaport that Uganda uses for her imports and exports.

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48(a) Which people introduced the centralized system of administration in East Africa?

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(b) How was Bigobyamugenyi important to the Chwezi state of Bunyoro-Kitara?

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(c) How was the coming of the Luo dangerous to the Chwezi state of Bunyoro- kitara?

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(d) Of what importance was the ditch system at Bigobyamugenyi to the Chwezi?

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49(a) Give two ways a big population is dangerous to the environment.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) Give two ways a big population is important to the economic development of a country.



(i) \_\_\_\_\_

(ii) \_\_\_\_\_

50(a) Mention one major tribe in East Africa that still carries out nomadic pastoralism.

\_\_\_\_\_

(b) Identify one thing that nomads look for in the neighbouring districts.

\_\_\_\_\_

(c) Why is it dangerous for nomads to cross to the neighbouring districts?

\_\_\_\_\_

(d) What is the government of Uganda doing to help the Karimojong to live a settled life?

\_\_\_\_\_

**For questions 51 – 54, answer either Christianity or Islamic but Not both.**

51. **Either:** a). Give any two ways people are unique among other creations.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) Mention any two ways adolescents are socially unique.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

**Or:** (a) Why are the following months important in Islam?

(i) Ramadhan

\_\_\_\_\_

\_\_\_\_\_

(ii) Rabil Awwal

\_\_\_\_\_

\_\_\_\_\_

(b) Mention the two wives that produced children with prophet Muhammad.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

52. **Either:**(a) What is meant by the term **suffering**?

\_\_\_\_\_

\_\_\_\_\_

(b) Write down any two causes of suffering among people today.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) State any one way Jesus Christ experienced suffering.

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**Or:** (a) What is meant by the term **caliphs**?

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(b) Write down any two caliphs of prophet Muhammad.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Why did prophet Muhammad migrate from Makkah to Medina?

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53. **Either:** (a) Why are the following days remembered in Christianity?

(i) Good Friday

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(ii) Easter Sunday

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(b) Give any one way of reading the Holy Bible

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(c) On which day does Lent end?

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**Or:** (a) Give any two ways prophet Muhammad helped his uncle during his childhood.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) Mention the prophets of Allah who received the following Holy books.

(i) Injil:

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(ii) zabor

---

54. **Either:** (a) How did God test the following people's faith?

(i) Abraham:

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(ii) Moses:

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(b) Why are the following places important in Christianity?

(i) Nazareth

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(ii) Mt . Sinai:

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**Or:**(a) How did prophet Ibrahim show his faith in Allah?

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(b) Who was the last husband of Khadijjah?

---

(c) Why are the following places important in Islam?

(i) Makkah:

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(ii) Mt. Hira

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---

**For Both:**

55(a) What is meant by the term prayer?

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(b) Give any one reason why Christians / Muslims pray to God/ Allah.

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(c) Write down any one common belief among Christians and Muslims.

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(d) Give one way Christians are different from Muslims.

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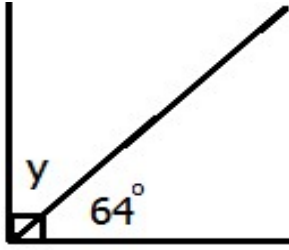
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# Mathematics

## SECTION A (40 marks)

1. Multiply:  $23 \times 3$
2. Solve for  $m$ :  $m - 3 = 15$
3. Write 34,014 in words.
4. Mummy is 34 years. Express her age in Roman numerals.
5. Given that set  $A = \{1,2,3,4,5,6\}$  and set  $B = \{2,4,6,8,10\}$ . Find  $n(A - B)$ .
6. Work out  $-7 - +3$
7. Find the next number in the sequence: 1, 4, 9, 16, 25, \_\_\_\_\_.

8. Find the value of  $y$  in degrees.



9. Change 2km to metres.

10. Work out:  $\frac{3}{10} \times \frac{4}{9}$

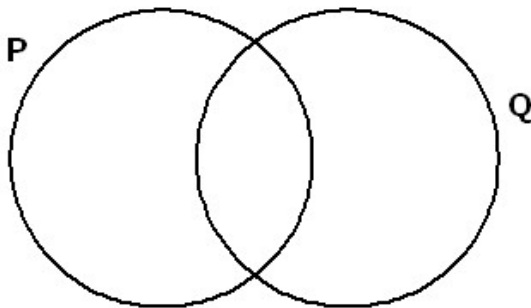
11. A shopkeeper sold one item at shs. 7000 making a loss of shs.2500. What was the buying price of the item?

12. Solve  $+3 \times -2$ .

13. Calculate the distance covered by a motorist moving at a speed of 90km/hr for 3 hours.

14. Write  $213_{\text{five}}$  in base ten.

15. Shade set P in the Venn diagram below.



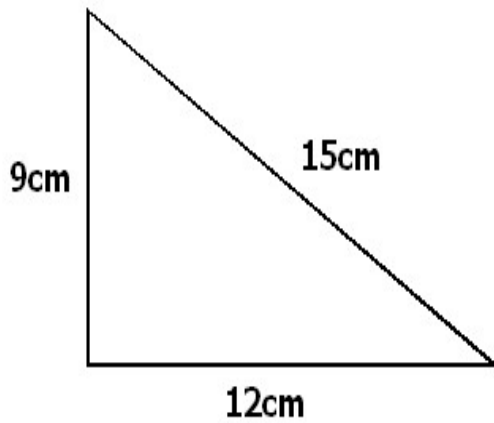
16. Find the sum of the first five triangular numbers.

17. What number is shown by the tally marks below?



18. Use distributive property to work out  $(20 \times 79) - (20 \times 29)$

19. Calculate the area of the figure below.



20. Simplify:  $3n - m + n + 5m$

### **SECTION B**

21. Given that  $A = \{\text{all prime numbers less than } 17\}$  and  $B = \{\text{all odd numbers between } 3 \text{ and } 17\}$ .

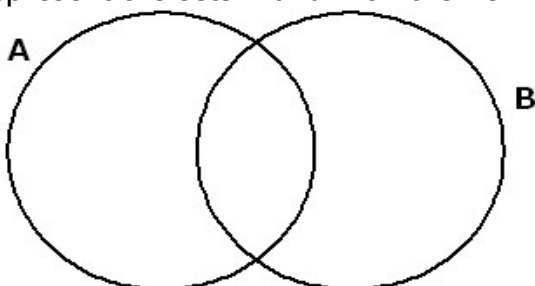
- (a) List down the members of:  
(i) Set A :

**(1 mark each)**

- (ii) Set B:

- (b) Represent the sets A and B on the Venn diagram below.

**(3 marks)**



22. Ngobi went to the market and bought the following items:

**2 ½ kg of meat at sh. 8000 per kg**

**2kg of rice at sh. 3000 per kg**

**¾ kg of ghee at sh. 6000 per kg**

(a) How much money did he spend on all the above items? **(4 marks)**

(b) If he remained with shs. 7500, how much money had he gone with? **(2 marks)**

23(a) What number has been expanded to give:

$$(4 \times 10^4) + (7 \times 10^2) + (6 \times 10^1) + (3 \times 10^0)?$$

**(3 marks)**

(b) What is the product of the value of 5 and the value of 8 in 65481? **(3 marks)**

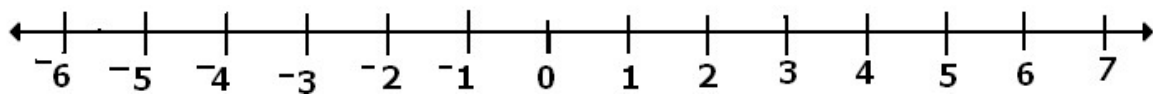


24. Rhoda read  $\frac{2}{5}$  of the pages in her novel on Friday,  $\frac{1}{4}$  of it on Saturday and completed the rest on Sunday.

(a) What fraction did she read on Sunday? **(3 marks)**

(b) If the novel has 200 pages, how many pages did she read on Sunday? **(2 marks)**

25(a) Work out  $+4 - -3$  using a number line below. **(2 marks)**



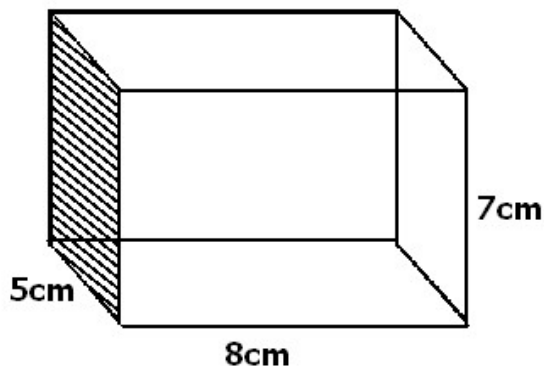
(b) The temperature on top of the mountain was  $-4^{\circ}\text{C}$ . during the day, the temperature rose to  $8^{\circ}\text{C}$ . Find the rise in the temperature. **(2 marks)**

26(a) Remove brackets and simplify:  $4(2x + 3) - 5(x - 2)$  **(3 marks)**

(b) Given that  $a = 5$ ,  $b = 4$  and  $c = 8$ , evaluate:  $ab - 2c$ .

**(2 marks)**

27. Study the figure below carefully and use it to work out the area of the shaded region.



(a) Write down the number:

**(1 mark each)**

(i) faces:

(ii) edges:

(iii) vertices:

(b) Calculate the area of the shaded part.

**(2 marks)**

28. A poultry farmer collects 4200 eggs from his farm every week. He packs them in trays which 30 eggs each.

(a) How many trays does he pack each day? **(3 marks)**

(b) If each tray is sold at shs. 7500, how much money does he get in a week after selling all he trays? **(3 marks)**

29(a) The area of a square room is  $324\text{m}^2$ . Find the length of one side of the room. **(2 marks)**

(b) What is the lowest common multiple of 12 and 18? **(2 marks)**

30(a) A cyclist covered a distance of 120 km in 3 hours. Calculate the speed of the cyclist.

**(2 marks)**

(b) If he was to ride at 48km/hr, how long would he take to cover the same distance?

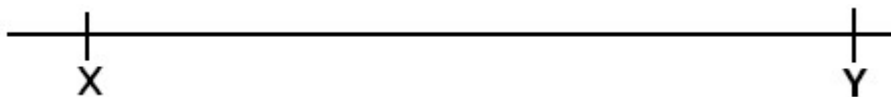
**(2 marks)**

31(a) Draw an angle of  $80^{\circ}$  using a protractor.

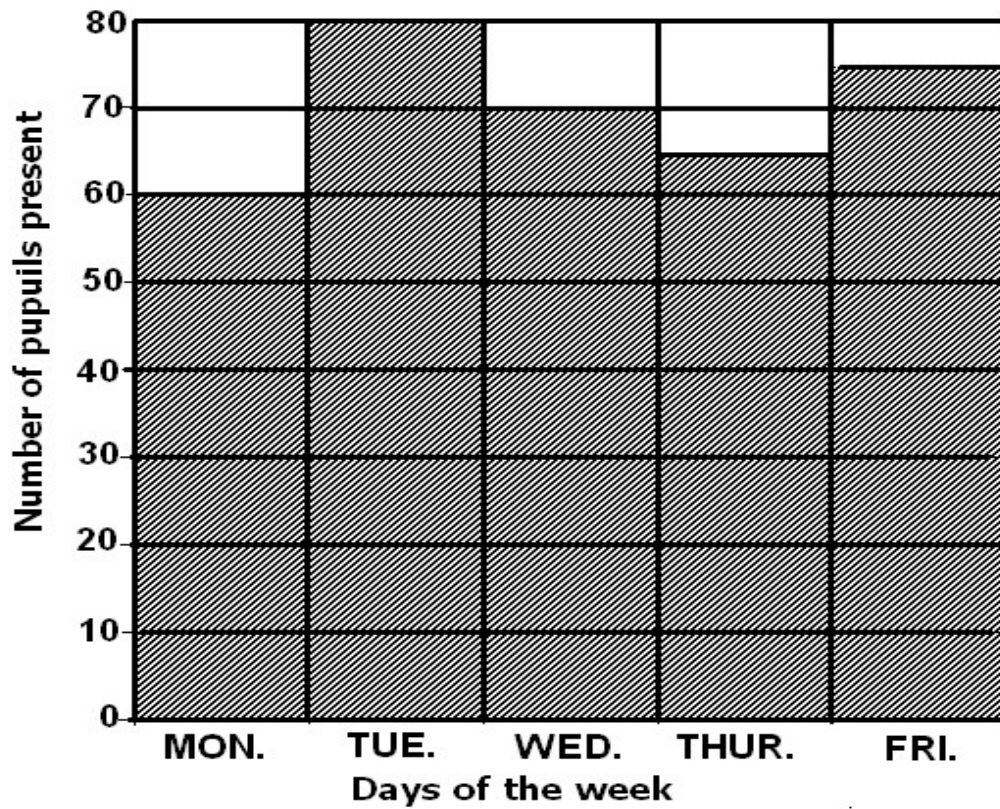
**(2 marks)**

(b) Measure line segment XY below.

**(2 marks)**



32. The graph below shows the daily attendance of a P.5 class of 80 pupils. Study it carefully and use it to answer the questions that follow.



- (a) How many pupils attended on Thursday? **(1 mark)**
- (b) How many pupils were absent on Wednesday? **(1 mark)**
- (c) Calculate the total attendance that week. **(2 marks)**
- (d) What was the average attendance for the week? **(2 marks)**