



THE PRIME EXAMINATIONS 2024

P.7 MAGIC SET IV

MATHEMATICS

Time allowed 2 hours 30 minutes

INDEX NO:

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READ THE FOLLOWING INSTRUCTIONS CAREFULLY

- Do not write your school or district name anywhere on this paper.
- This paper has two sections: A and B Section A has 20 questions and section B has 12 questions. The paper has 9 printed pages.
- Answer all questions. All the working for both sections A and B must be shown in the spaces provided.
- All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than graphs and diagrams will not be marked.
- No calculators are allowed in the examination room.
- Unnecessary changes in your work and handwriting that cannot easily be read may lead to loss of marks.
- Do not fill anything in the table indicated "For Examiners' use only", and those boxes inside the question paper.

QUESTION NUMBER	MARKS ATTAINED	INITIALS
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		

APPROVED:

 Consultant
 Mathematics Department (PEC)

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Kampala

Turn Over

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Section A (40 Marks)

1

Workout: $496 + 23$

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2

Write 110372 in words.

3

Given that
set M = {6, 5, 7, 8, 9, 10, 11} and
set N = {1, 2, 3, 4, 5, 6, 7}
find n(MUN)

4

Work out: $1\frac{2}{7} \times \frac{4}{5}$

5

Simplify: $3x - 4y + 5x - 7y$

6

Find the next number in the sequence
below.

576, 36, 4, 1, _____

7

Using a ruler, a pencil and a pair of compasses, construct an angle of 105° .

8	The cost of 3 books is sh 7,500. Find the cost of 7 similar books.	9	Convert 0.907kg to grammes.																		
10	Subtract 414_{five} - 343_{five}	11	Given that $a = 3$, $b = 3$ and $c = 2$. Find the value of $ab - c$																		
12	Today is Monday, what day of the week was it 35 days ago?	13	Express 679.3 in standard form.																		
14	The graph below shows the journeys made a motorist and cyclist.																				
<p>DISTANCE IN KM</p> <table border="1"> <caption>Data points estimated from the graph</caption> <thead> <tr> <th>Time (hours)</th> <th>Cyclist Distance (km)</th> <th>Motorist Distance (km)</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>25</td><td>38</td></tr> <tr><td>2</td><td>50</td><td>50</td></tr> <tr><td>3</td><td>75</td><td>88</td></tr> <tr><td>4</td><td>100</td><td>115</td></tr> </tbody> </table> <p>TIME IN HOURS</p>				Time (hours)	Cyclist Distance (km)	Motorist Distance (km)	0	0	0	1	25	38	2	50	50	3	75	88	4	100	115
Time (hours)	Cyclist Distance (km)	Motorist Distance (km)																			
0	0	0																			
1	25	38																			
2	50	50																			
3	75	88																			
4	100	115																			

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 THE PRIME MATHEMATICS MAGIC SET IV EXAMINATIONS 2024.
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How many more hours did the motorist take on his journey than the cyclist?

15

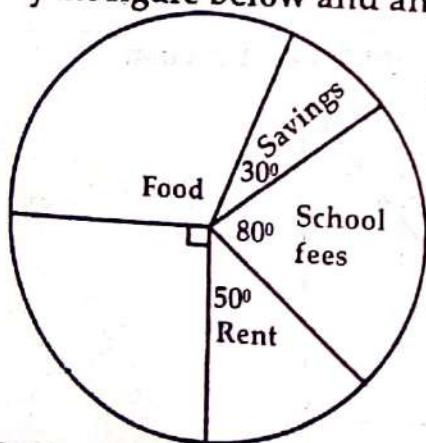
The bearing from Apac to Mbale is 130° . Find the bearing of Apac from Mbale.

16

The speed of a bus is 84km/hr. What distance will the bus have covered in $3\frac{1}{2}$ hr?

17

Study the figure below and answer the questions that follow.



Find the degrees that represent food.

18

Convert 14 30 hr to 12 hour clock system.

19

Kamwenge deposited sh 800,000 in a bank at a rate of 15% per annum for 24 months. Find the simple interest he earned.

20 Work out: $2^2 \times 2^{8x} = 2^{-3}$

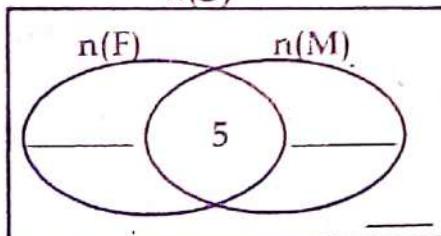
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- 21 Given the numeral 40725.
- (a) What is the place value of 0 in the numeral above? (01 marks)

- (b) Find the difference between the value of 4 and the value of 7. (03 marks)

- 22 At a party attended by 28 guests, 16 drank Fanta (F), 15 drank Mirinda (M), 5 drank both Fanta and Mirinda. If $(p - 1)$ drank none of the drinks.
- (a) Show the above information on a Venn diagram below. (03 marks)

$$n(\mathcal{E}) =$$



- (b) How many guests drank none of the drinks? (03 marks)

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23

Sseremba went shopping and bought the following items.

3kg of meat at sh 12,000 per kg

$2\frac{1}{2}$ kg of rice at sh 4,000 per kg

500gm of beans at sh 3,000 per kg

4 litres of cooking oil at sh 14,000

(a) Find Sseremba's total expenditure.

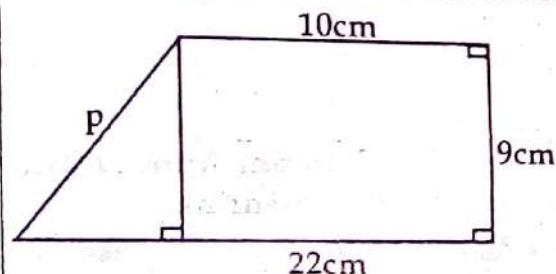
(04 marks)

(b) If Sseremba had 4 notes of sh 20,000 each. Find his change.

(01 mark)

24

Study the figure below and answer the questions that follow.



(a) Find the side marked p. (02 marks)

(b) Work out the distance around the figure. (01 mark)

(c) Find the area of the figure. (02 marks)

25 (a) Work out: 0.096×0.12
 0.08×0.6 (03 marks)

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(b) Simplify: $\frac{8}{9} \div \frac{1}{2} \times \frac{2}{3}$ (03 marks)

26 Using a ruler, a pencil and a pair of compasses, construct a parallelogram EFGH in which EF = 7cm, FG = 5.0cm and angle EFG = 120°. Drop a perpendicular from H to meet EF at O. (05 marks)

27 The time table shows the journey made by a train from Kampala to Tororo.

Place	Arrival time	Departure time
Kampala		06 00hrs
Jinja	10 00hrs	10 30hrs
Iganga	12 30hrs	13 45hrs
Bugiri	14 45hrs	15 00hrs
Tororo	16 00hrs	

- (a) Convert the arrival time of the train in Iganga in 12 hour clock system. (01 mark)
- (b) Find the total time taken by the train to travel from Kampala to Tororo. (02 marks)
- (c) Find the total time taken by the train on all stop overs. (02 marks)

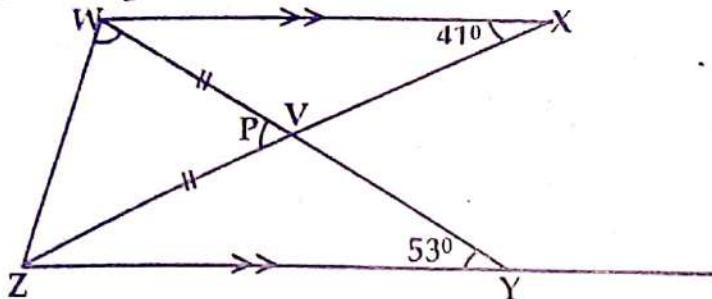
- 28 Study the exchange rates below and answer the questions that follow.
1 USA dollar is equivalent to Ugsh 3600
1 Kenya sh is equivalent to Ugsh 3200
- (a) How much money in Kenya shillings will a tourist get from the exchange of Ug sh 1,440,000? (02 marks)
- (b) Erikson had 2800 U.S.A dollars and exchanged them to Kenya shillings. How Much in Kenya shilling did he get? (03 marks)

- 29 Three metal rods of length 108cm, 208cm and 560cm are cut into pieces of the same length.
(a) Find the greatest length which can be cut out of the rods without leaving a remainder. (02 marks)
- (b) How many pieces can be cut from the rod with the greatest length? (02 marks)
- 30 The average of $y + 7$, $y + 9$, 17, 19, $25 - y$ and $11 + y$ is 16. Find the value of y . (03 marks)
- (b) Find the median of the above data. (02 marks)
- 31 Matope has r cows. Nkaiserry has 20 more cows than Matope. Sendeyo has 15 cows less than the total number that Matope and Nkaiserry have. If they all have 85 cows altogether.
(a) Find the value of r . (03 marks)

(b) How many cows does Sendeyo have?

(02 marks)

- 32 In the figure below, line WX is parallel to line YZ and $WV = VZ$. Angle $WXZ = 41^\circ$ and angle $WYZ = 53^\circ$.



(a) Find the value of P .

(03 marks)

(a) Find the size of angle ZWX .

(02 marks)



Review your answers

Always make sure you read through your answers before submitting the test/exam paper. It will help you find any mistakes or questions you may have misread or misinterpreted.



THE PRIME EXAMINATIONS 2024

P.7 MAGIC SET IV

SOCIAL STUDIES WITH RELIGIOUS EDUCATION

Time allowed 2 hours 15 minutes

INDEX NO:

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1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

APPROVED:

 Consultant
 Social Studies Department (PSC)

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Kampala

Turn Over

Section A. (40 Marks)

1. Mention any one human activity which destroys vegetation in an area.
2. State any one problem faced by people living in the wet areas of Uganda.
3. Give one reason why the Bakonjo settled on the slopes of Mount Mufumbiro.
4. State one advantage Libya has over Uganda in terms of location.
5. Mention any one item which is given as dowry in a traditional African marriage.
6. Apart from the Karamajong, mention any one other pastoral community which lives in Northeastern Uganda.
7. State any one factor which influences animal distribution in Africa's vegetation zones.
8. In the space provided below, draw a map symbol used to represent a rift valley fault line.

9. Give any one way how the British colonialists improved the standards of living of people in Uganda.
10. State any one reason for the increasing number of people migrating from towns to villages in Uganda.
11. What evidence is there to show that Nigeria was colonized by Britain?
12. Name the organ of the United Nations which is responsible for promoting peace in the world.
13. Why were colonialists interested in linking Uganda to the coast of East Africa?

- WARNING: Not for reproduction**
14. Mention any one practice which promotes order in a school.
15. How were the Goree Islands important during the Trans-Atlantic slave trade?
16. Mention one step the government has taken to promote respect for children's rights.
17. Give one way people care for trees planted in their compounds.
18. State any one economic importance of Lake Nakuru in the development of Kenya.
19. Why was African resistance to colonial rule easily defeated?
20. Give any one factor which encourages unity among Commonwealth countries.
21. How did the construction of the Great man made river improve agricultural production in Libya?
22. Name any one French settler colony in West Africa during colonial rule.
23. Mention any one role played by the Uganda Revenue Authority apart from collecting taxes.
24. Compare Kalangala and Buvuma districts in terms of location.
25. Give one reason why fisher men should be encouraged to use good methods of fishing.
26. What are *trade winds*?
27. State any one factor which has led to development of oil mining in the Niger delta.
28. Mention any one role political parties played in the fight for independence.
- WARNING: Not for reproduction**

- WARNING: Not for reproduction**
29. Mention any one factor which makes the Mediterranean region good for growing citrus fruits.
30. Give any one way prisons are important to a country.
31. Name one river in East Africa which ends in the Indian Ocean.
32. State one reason why the people of Kenya refused to work on the Kenya Uganda railway.
33. Mention any one benefit the people of Africa get from multi-purpose river projects.
34. Name the town at the coast of East Africa where the Arabs set up their headquarters.
35. Give any one reason why the slopes of Mount Kilimanjaro are densely populated.
- For questions 36 to 40, answer Either Christian or Islamic questions but not both in a number.**
36. Either: Why should Christians forgive those who do wrong to them?
Or: Why should Muslims forgive those who do wrong to them?
37. Either: In which town was Jesus's body buried?
Or: In which town was *Prophet Muhammad*'s body buried?
38. Either: Give any one way God showed care and concern for Adam and Eve.
Or: Give any one way Allah showed care and concern for Adam and Hawa.
39. Either: Mention one condition which makes baptism necessary in Christianity
Or: Mention one condition which makes ablution necessary in Islam.
40. Either: Give one spiritual benefit of Lent (fasting) to Christians.
Or: Give one spiritual benefit of fasting (Ramadan) to Muslims.

(b) Give any two reasons why the Organisation of African Unity (OAU) was replaced by the organization named in (a) above.

- (i) _____
(ii) _____

(c) State any one factor which caused the organization of African Unity to fail in its activities.

44. (a) Mention any two landforms which are commonly used as grounds for settlement by people.

- (i) _____ (ii) _____
(b) Give any two reasons why the landforms named in (a) above are good for settlement.
(i) _____
(ii) _____

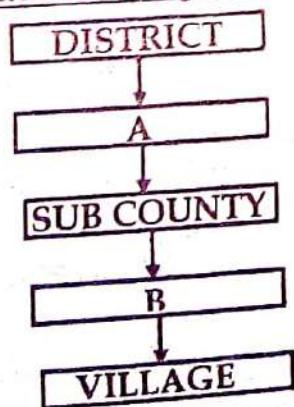
45. (a) How did the coming of the British in South Africa lead to the Great Trek? (Give two)

- (i) _____
(ii) _____
(b) Give any two social results of the Great Trek in South Africa.
(i) _____
(ii) _____

46. (a) Name any two founders of the East African community in 1967.

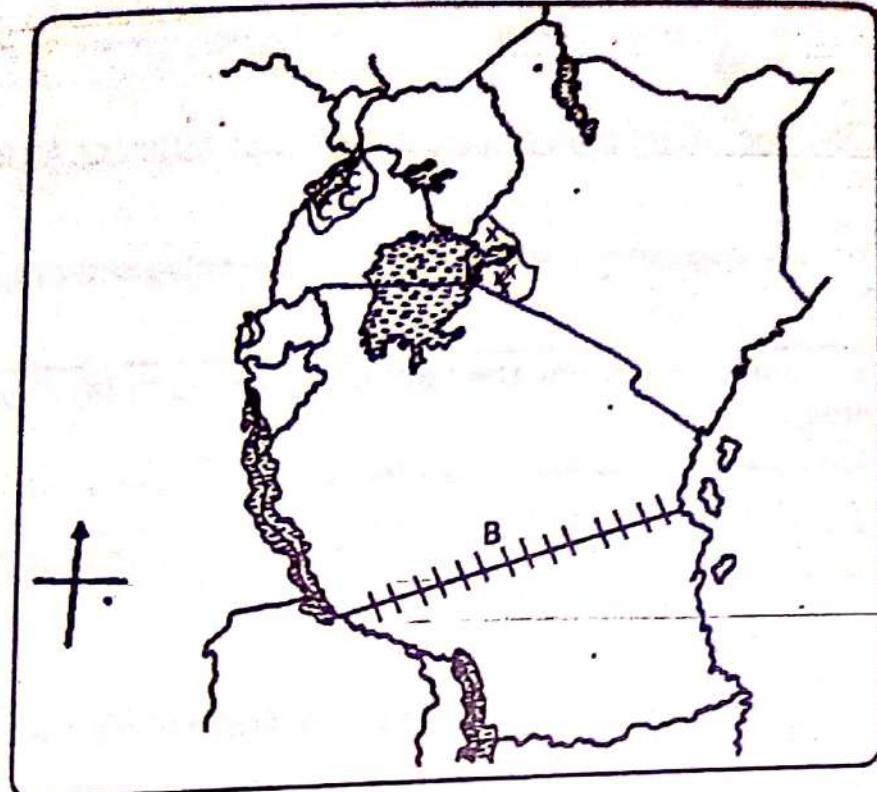
- (i) _____
(ii) _____
(b) State any two reasons why the leaders named in (a) above decided to form the East African Community (EAC) in 1967.
(i) _____
(ii) _____

47. The diagram below shows the political structure of a rural district in Uganda. Study it carefully and answer questions that follow.



Section B. (60 Marks)

Study the sketch map of East Africa below and answer the questions that follow.



- (a) Name any one mineral mined in the area marked x.
- (b) Mention the method that is used to extract crude oil from the area marked ccc.
- (c) Give one way how the railway line marked B has promoted the mining industry in Zambia.
- (d) State any one importance of mining to the people of East Africa.
42. (a) Give any two ways how hotels promote development of an area.
(i) _____
(ii) _____
- (b) Mention any two other important places which lead to development of an area apart from hotels.
(i) _____ (ii) _____
43. (a) Name the organisation that replaced the Organisation of the African Unity (OAU) in 2002.

- WARNING: Not for reproduction**
- (a) Name the levels of local government marked;
(i) A: _____ (ii) B: _____
(b) What title is given to the political head of a village?

(c) State any one reason why the central government of Uganda has transferred some political powers to local governments.

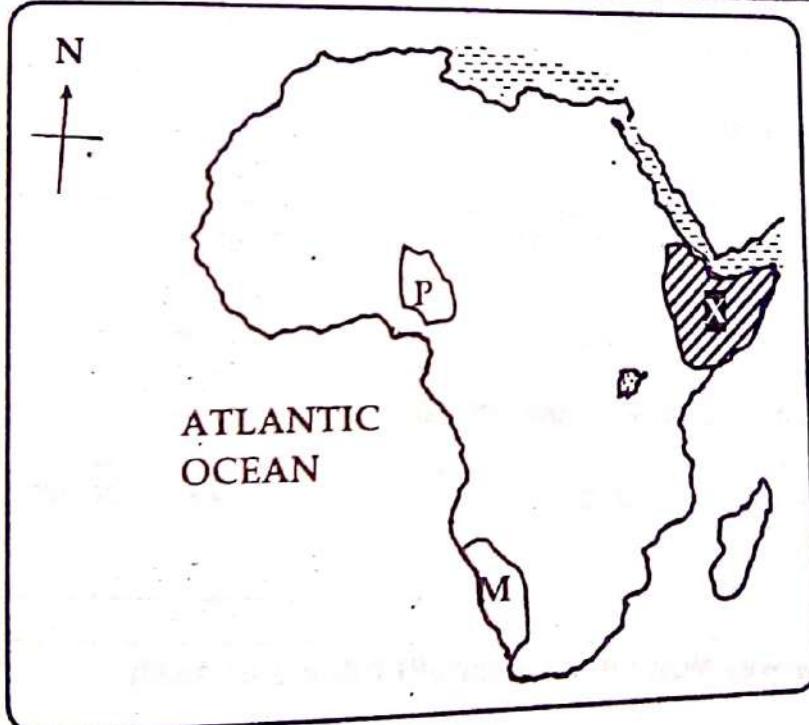
48. (a) What term is used to mean the *distance of a place from the Equator*?

(b) How does distance of a place from the equator affect climate of an area?

(c) Mention any two other factors which influence climate in different regions of Africa.

- (i) _____
(ii) _____

49. Study the sketch map of Africa below and answer the Questions that follow.



(a) Name the ethnic group which originally occupied the area marked P.

(b) Mention any one indigenous community (tribe) which lives in the area marked M.

(c) Write down the traditional occupation of the people living in the shaded region X.

(d) State any one factor which has influenced population distribution in Africa today.

50. (a) Mention any two practices which encourage democracy in a country.

(i) _____

(ii) _____

(b) Give any two benefits of people get from taking part in national elections.

(i) _____

(ii) _____

For questions 51 to 55, answer either Christian or Islamic questions but not both in a number.

51. Either:

(a) How did Adam and Eve show unfaithfulness to God?

(b) Give two ways how God punished Adam and Eve.

(i) _____

(ii) _____

(c) Mention one way Christians show unfaithfulness to God.

Or:

(a) How did Adam and Hawa show unfaithfulness to Allah?

(b) Give two ways how Allah punished Adam and Hawa for showing lack of faith in Him.

(i) _____

(ii) _____

(c) Mention one way Muslims show unfaithfulness to Allah.

52. Either:

"..... for this reason, a man will leave his father and mother and unite with his wife." (Mathew 19:5)

(a) Who said these words?

(b) To whom were these words said?

(c) Give any two reasons why a man leaves his parents to unite with his wife.

(i) _____

(ii) _____

Or:

"Marry those of you that are single, (whether men or women), and those of your male and female slaves that are righteous....."(Quran 24:32)

(a) Who said the above words?

(b) Give any two reasons why Islam encourages Muslims who are single to marry.

(i) _____

(ii) _____

(c) Mention any one quality of a good Muslim wife.

53. Either:

(a) Give two ways how Christian children show respect to their fathers and mothers.

(i) _____

(ii) _____

(b) Mention two rewards God gives to Christian children for respecting their father and mother.

(i) _____

(ii) _____

Or:

(a) Give two ways how Muslim children show respect to their fathers and mothers.

(i) _____

(ii) _____

(b) Mention two rewards Allah gives to Muslim children for respecting their fathers and mothers.

(i) _____

(ii) _____

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54. Either:

(a) What do Christians remember about the following apostles of Jesus.

(i) Stephen

(ii) Peter

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PTO

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(b) Give two roles the apostles played after Jesus' ascension.

(i)

(ii)

Or:

(a) What do Muslims remember about the following close companions of Prophet Muhammad;

(i) Abu-Baker

(ii) Uthman Ibn Affan

(b) Give two roles the close companions of Prophet Muhammad played after his death.

(i)

(ii)

55. Either:

(a) Mention the greatest sin according to the Bible.

(b) Give two punishments of sin according to the Bible.

(i)

(ii)

(c) How can Christians overcome sin?

Or:

(a) Mention the greatest sin according to the Quran.

(b) Give two punishments of sin according to the Quran.

(i)

(ii)

(c) How can Muslims overcome sin?



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THE PRIME EXAMINATIONS 2024

P.7 MAGIC SET IV

ENGLISH LANGUAGE

Time allowed 2 hours 15 minutes

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APPROVED:

Consultant
English Language Department (PEC)

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Section A. (50 Marks)

Sub-section I (30 Marks)

In each of the questions 1 to 5, fill in the blank space with a suitable word to complete the sentence.

1. There is hardly _____ water in the school.
2. How much _____ is there in the school bank account?
3. Dodovic is still _____ young to go to town alone.
4. We should all care deeply _____ environmental issues.
5. _____ you work very hard, you will never be successful in life.

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

6. The timekeeper usually arrives at school much _____ than the rest of the pupils. (*early*)
7. Majorine is the fastest _____ in our school. (*run*)
8. My niece is a dealer in _____ shoes. (*lady*)
9. It was _____ of him to eat all the ice-cream alone. (*self*)
10. The little boy cried bitterly when his balloon _____ (*burst*)
11. I hate people who eat their food _____. (*noise*)
12. The composition Bengo wrote was full of _____. (*spell*)
13. Most road accidents occur as a result of _____. (*care*)
14. The more we exercise daily, the _____ we become. (*healthy*)
15. Is it true that there is _____ after death? (*live*)
- In questions 16 and 17, arrange the given words in alphabetical order.**
16. pour, place, photo, pump

17. release, refuse, react, repair

In questions 18 and 19, use each word in a sentence to show that you know the difference in their meaning.

18. hole.

19. whole.

In questions 20 and 21, rewrite the sentence, giving the opposite form of the underlined word.

Were you present at the arrival of the guests?

21. She emptied her suitcase and locked it.

In questions 22 and 23, write in full the given short forms.

VIP: _____

pp: _____

23. In questions 24 and 25, write the plural form of the given words.

chief: _____

25. vertex: _____

24. In questions 26 to 28, rewrite the sentences, giving one word for the underlined group of words.

26. The person who receives and gives out money in the bank served me with a smile.

27. The judge ruled that the accused was not guilty.

28. The road leading to our school is full of mud.

29. In questions 29 and 30, rearrange the given words to form a correct sentence.

children to school All go to ought.

30. kind to you How of help me!

Sub-section II. (20 Marks)

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

31. That is the garage. The stolen vehicle was found there.

(Rewrite as one sentence using:where.....)

32. Chandiru did not run her fastest. She did not win the race.

(Rewrite as one sentence beginning: If.....)

33. One of the most enjoyable activities in our school is dancing.

(Rewrite the sentence beginning: Dancing.....)

34. She looked very beautiful in her wedding gown.

(Rewrite the sentence beginning: How.....!)

- WARNING: Not to be reproduced in whole or in part**
35. Although he is very rich, nobody admires him.
(Rewrite the sentence using:but.....)
36. Our school disciplinary committee is made up five members.
(Rewrite the sentence using:consist.....)
37. You didn't lend him your bicycle, did you?
(Rewrite the sentence ending:didn't you?)
38. Every bodaboda rider must wear a helmet.
(Rewrite the sentence beginning: All.....)
39. The school bursar has gone to the bank to withdraw some money.
(Write a suitable question to the above response.)
40. His uniform is old but it looks clean. (Rewrite beginning: Even though.....)
41. I last wrote to my pen pal two months ago.
(Rewrite the sentence using:for.....)
42. Stand up straight, Omona, _____?
(Supply a suitable question tag to complete the sentence.)
43. Due to lack of funds, some of the school projects will not be completed this year. (Rewrite the sentence using:because of.....)
44. She cannot wear these shoes because they are very tight.
(Rewrite the sentence using:too.....to.....)
45. Both Kasai and Omara speak Kiswahili fluently.
(Rewrite the sentence using:and so.....)
46. How high is Mount Rwenzori? (Rewrite the sentence beginning: What.....?)
47. We are very eager to visit the game park next week.
(Rewrite the sentence using:look forward to.....)

- (c) Where does the name of a newspaper appear in a newspaper?
- (d) Why do you think the headlines are printed in large bold letters?
- (e) Where are articles about corruption likely to be found in newspapers?
- (f) To whom should one address a letter to be published in a newspaper?
- (g) According to the passage, how do newspapers manage to get revenue?
- (h) Give another word or a group of words with the same meaning as the following underlined words in the passage;
- (i) focus : _____
- (ii) opinion : _____
- (i) Suggest a suitable title to the passage.

52. The information below shows the programme of Bondo Primary School Music, Dance and Drama Festival. It was held on 6th July 2024 in the main hall of the school. Study it carefully and then answer, in full sentences the questions that follow.

TIME	EVENT
8:00 a.m - 8:30 a.m	School Assembly.
8:30 a.m - 9:00 a.m	Performers assemble.
9:00 a.m - 9:30 a.m	- Arrival of invited guests. - Arrival of guest of Honour (DIS)
9:30 a.m - 10:00 a.m	- Singing National Anthem, School Anthem. - Prayer (Parish Priest)
10:00 a.m - 10:30 a.m	<u>SPEECHES.</u> - Head teacher. - Chairman Parents Teachers Association. - Chairman School Management Committee.
10:30 a.m	<u>FESTIVAL BEGINS.</u> - Folk songs : Creative Songs. - Fold Dances : Creative Dances
1:00 p.m - 2:00 p.m	Lunch break
2:00 p.m - 4:00 p.m	Drama
4:00 p.m - 4:10 p.m	Speech (District Inspector of Schools)
4:10 p.m	Departure Headteacher Bondo Primary School

48. No pupil in our class is as tall as Safina.
(Rewrite the sentence beginning: *Of all*.....)
49. The dog barked loudly as soon as it saw the stranger.
(Rewrite the sentence beginning: *Immediately*.....)
50. It was not necessary for Dauda to cut down all those trees.
(Rewrite the sentence using:*needn't have*.....)

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Section B (50 Marks)

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

Newspapers contain information of interest to the public. The public is all the people who live in an area. Newspapers publish new information every day. For this reason, they focus on events that have just happened.

Generally, all newspapers arrange information in the same way. Most newspapers have a front page, an editorial page, a feature page, and a games and sports page.

The front page is the first page of a newspaper. It has articles that inform readers about important events in the news. The information answers the questions who, what, when, where, why and how. The name of the newspaper and the date are printed at the top of the front page. The headline tells the most important news item of the day. It is printed in large bold letters. Some articles about the news item appear below the headline.

The feature pages have articles on many different topics, such as education, health, security, the economy, and morals. For example, most of the newspapers these days are full of stories of corruption and land evictions.

The editorial page tells the opinions of the newspaper writers. Two kinds of opinion appear on these pages. Professional authors write persuasive commentaries. Readers too, write letters to the editor.

All newspapers publish advertisements, notices and announcements. This is how they manage to get revenue to pay their employees, such as reporters, journalists and editors.

Questions.

(a) What do newspapers contain?

(b) How often are newspapers published?

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Questions.

(a) Where did the music, dance and drama festival take place?

(b) When was the music, dance and drama festival held?

(c) At what time did the invited guests start arriving?

(d) How long did the speeches take?

(e) What happened after the first speeches?

(f) Who was the guest of Honour?

(g) What happened after the Guest of Honour's speech?

(h) How many different speeches were given at the festival?

(i) Who wrote the programme?

(j) Why do you think music, dance and drama activities important in schools?

Read the poem carefully and then answer, in full sentences, the questions that follow.

My son, Enkayal!

Come and sit beside me
On this bench soft and warm
And pay close attention
To my words of wisdom!

There's a ghost called Meant - To - Study
And his comrade is Didn't - Study;
If you ever chance to meet them
Speed away from them
Before they befriend you!

The ghost Meant - To - Study

Made a study timetable
To revise daily his classwork
But Didn't - Study always disturbs him
And they play games instead!

These two fellows live together
In the house of Failure;
The door to this house is ever open
To the lazy and careless ones
Who end up in the arms of Mr. Regret!
(By Keto Francis)



48

49

50

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Questions.

- (a) Who invited Ekanya to sit beside him?
- (b) What was Ekanya asked to pay close attention to?
- (c) Who was Ekanya advised not to befriend?
- (d) Why did Meant - To - Study make a study timetable?
- (e) Who made it difficult for Meant - To - Study to follow his timetable?
- (f) In whose house do the two ghosts live?
- (g) Who welcome the lazy and careless one into this house?
- (h) Give another word or a group of words with the same meaning as the following underlined words in the poem:
- (i) beside : _____
- (ii) comrade : _____
- (i) What useful lesson do you think Ekanya learnt?

54.

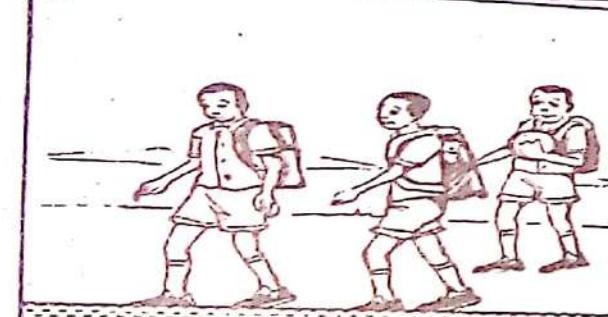
The sentences below are NOT in the correct order. Rearrange them in the CORRECT order to form a short composition about "Environment Protection".

- (a) The environment is the natural condition in which people, animals and plants live.
- (b) One of these activities is polluting the air, water and soil.
- (c) What is environment protection?
- (d) Another dangerous activity is the random cutting down of trees.
- (e) Burning bushes, smoking, dumping garbage and polythene materials pollutes our environment.
- (f) This is not a very difficult question to answer.
- (g) If we do not do so, climate change will become worse.
- (h) Unfortunately, people carry out activities that cause environmental degradation.
- (i) Environmental protection are the activities people do to protect the environment.
- (j) We must, therefore, work together to conserve our environment.

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55. The picture (A-F) tell a story, study them carefully and then write a sentence describing what is happening in each picture. You can use words; children, school, playing, road, follows, knocks, lying, clinic.

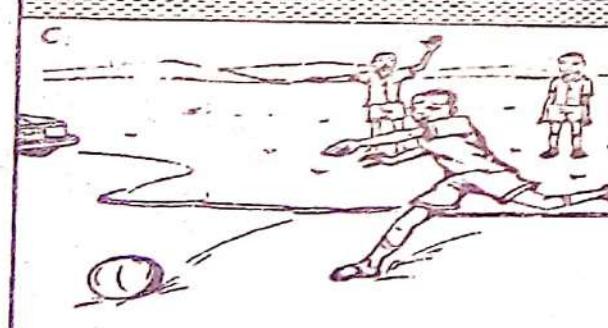
A



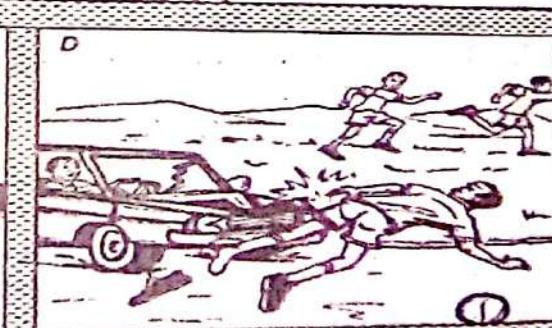
B



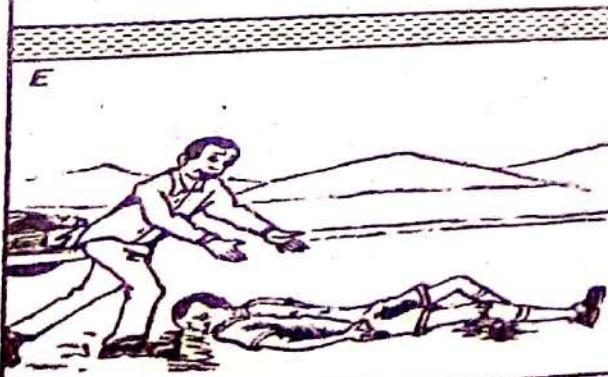
C



D



E



F



Questions.

(a) Picture A.

(b) Picture B.

(c) Picture C:

(d) Picture D:

(e) Picture E.

(f) Picture F.

(g) Why has the boy run into the road?

(h) Where is the man taking the boy?

(i) Why do you think it is dangerous to play along the road?

(j) Suggest a suitable title for the story.

**Review your answers**

Always make sure you read through your answers before submitting the test/exam paper. It will help you find any mistakes or questions you may have misread or misinterpreted.

THE PRIME MAGIC SET IV INTEGRATED SCIENCE MARKING GUIDE 2024

Section A (40 Marks)

NO	ANSWER
1.	Leaves/ fleshy leaves.
2.	Improper keeping of medicine// improper disposal of expired drugs// improper disposal of faeces// leaving left over food uncovered// handling food with dirty hands.
3.	Plants provide oxygen to people//some plants are sources of medicine//some plants are sources of food to people.
4.	They destroy farmers crops, they lead to death of people. They lead to displacement of people, they lead to soil erosion, lightning can kill people.
5.	HIV destroys white blood cells.
6.	Hypogea germination.
7.	Maize//sorghum//rice//millet//wheat.
8.	Provides both milk and meat to a farmer.
9.	Severe pain around the fracture// swelling around the fracture// pain when moving the fractured limb.
10.	Both reproduce by means of spores.
11.	Eating food rich in roughages.
12.	It enables/helps teenagers to resist smoking/alcoholism/fornication.
13.	High temperature increases the speed of wind while low temperature decreases the speed of wind/the speed of sound increases with increase in temperature.
14.	Anaemia.
15.	Prevents famine//malnutrition/deficiency diseases.
16.	Wind musical instruments.
17.	Pipe G.
18.	Bacteria breaks down faeces/organic matter in latrines.
19.	By using spines.
20.	Tubal ligation// vasectomy.
21.	Primary Health Care is the essential health care where individuals, families and communities work together to solve their health problems.
22.	It prevents contaminating food//it prevents easy spread of diarrhoeal diseases.
23.	When the mother has no breast milk// when the mother has breast cancer//when the mother has AIDS.
24.	To fix nitrates into the soil//to convert nitrogen into nitrate
25.	BCG vaccine.
26.	At birth.
27.	Scurvy.
28.	Pollen grains.
29.	It leads to spread of diarrhoeal diseases//it leads to accumulation of a bad smell in the environment.
30.	Animals are source of meat to people//people get milk from animals//people get hides and skin from animals//animal dung and urine are used as manure.
31.	Bees wax.
32.	Regular deworming.
33.	Stretcher.
34.	A first aider uses it to carry the casualty who cannot walk to hospital.
35.	Leaves becomes yellowish//leaves curl and lose shape.
36.	Watering// providing a shade// thinning// spraying.
37.	Prop roots.
38.	A lactometer is used for detecting the presence of water in milk/purity of milk.
39.	It increases the population of crops in the garden//controls soil erosion.
40.	Exoskeleton.

Section B (60 Marks)

41. (a) Oral health is the well-being of the mouth parts.
 (b) bad mouth smell// stains on the teeth// tooth decay.

	(c) tooth decay//gingivitis//periodontal.
42.	(a) Mosquito : Wrigglers. (b) Housefly : Maggots. (c) Bees : Grubs. (d) Cockroach : Nymph
43.	(a) They produce a lot of pollen grains// they have dull colours// they have longer filaments than the style. (b) They have nectar// they have bright colours// they have a scent.
44.	(a) Ladders, slide, a ramp, a plank of wood, winding road. (b) <u>MA = Length</u> Height $= \frac{160m}{40m}$ <u>MA = 4</u>
45.	(a) vultures//crows. (b) It is a strong sharp hooked beak for tearing the prey. (c) They eat people's chicks and rabbits//they can cause harm to people.
46.	(a) Farm yard manure// compost manure// organic mulches// green manure. (b) Natural fertilizers take long time in the soil than artificial fertilizers// natural fertilizers are cheaper to get than artificial fertilizers// natural fertilizers do not need a skilled person to apply while artificial fertilizers need a skilled person.
47.	(a) Castrated goats and rams fatten for more meat, castrated goats and rams grow faster, castration prevents inbreeding, it prevents the spread of venereal diseases. (b) i) milk. ii) mohair.
48.	(a) i) P- wind sock. ii) Q – anemometer. (b) weather instrument Q measures the speed of wind. (c) To show the strength and direction of wind.
49.	(a) Fever is a condition in which the body temperature rises beyond the normal of 37°C while temperature is the degree of hotness or coldness of an object. (b) Tepid sponging. (c) Early treatment of infections, controlling mosquito bites to control malaria, maintaining proper hygiene. (d) To prevent choking.
50.	(a) It doesn't produce light on its own but just reflects light from the sun. (b) Light can be refracted//reflected//dispersed// travel in a straight line. (c) melanin.
51.	(a) Wolfram. (b) Nitrogen, Argon. (c) Electrical energy changes to heat then light energy.
52.	(a) Air exerts pressure. (b) The kite won't float in air/fly. (c) Wind helps to run wind mills//wind is used in winnowing seeds.
53.	(a) severe diarrhoea// severe vomiting. (b) giving him or her ORS//SSS// plenty of water// fresh juice.
54.	a) Sorting// soaking. b) Removes dirt from clothes// kills germs in clothes// kills vectors from clothes// removes sweat from clothes.
55.	(a) (i) A: Placenta. (ii) B: Amniotic fluid. (b) It transports oxygen and digested food to the foetus//it transports waste materials from the foetus to placenta.

PRIME MAGIC SET IV ENGLISH LANGUAGE MARKING GUIDE 2024

SECTION A (50 MARKS)

SECTION A (30 Marks)

ANSWER

1. □ any
2. □ money
3. □ too
4. □ about
5. □ Unless
6. □ earlier
7. □ runner
8. □ ladies'
9. □ selfish
10. □ burst
11. □ noisily
12. □ spelling
13. □ carelessness
14. □ healthier
15. □ life
16. □ photo, place, pour, pump
17. □ react, refuse, release, repair
18. □ Any grammatically and sensible sentence.
- 19.
20. □ Were you present at the departure of the guests?
She filled her suitcase and locked it.
- 21.
22. □ Very Important Person.
23. □ pages
24. □ chiefs
25. □ vertices
26. □ The teller served me with a smile.
27. □ The judge ruled that the accused was innocent.
28. □ The road leading to our school is muddy.
29. □ All children ought to go to school.
30. □ How kind of you to help me!

Sub-section II (20 marks)

31. □ That is the garage where the stolen vehicle was found.
32. □ If Chandiru had run her fastest, she would have won the race.
33. □ Dancing is one of the most enjoyable activities in our school.
34. □ How beautiful she looked in her wedding gown!
35. □ He is very rich but nobody admires him.
36. □ Our school disciplinary committee consists of five members.
37. □ Our school disciplinary committee consists of five members.
38. □ You lent him your bicycles didn't you?
39. □ Why has the school bursar gone to the bank?
40. □ Even though his uniform is old, it looks clean.
41. □ I have not written to my pen pal for two months.
42. □ Stand up straight, Omona, will you?
43. □ Some of the school projects will not be completed this year because of lack of funds.
44. □ Those shoes are too tight for her to wear.
45. □ Kasai speaks Kiswahili fluently and so does Omara.
46. □ What is the height of Mount Rwenzori?
47. □ We look forward to visiting the game park next week.

48. Of all the pupils in our class, Safina is the tallest.
 49. Immediately the dog saw the stranger, it barked loudly.
 50. Dauda needn't have cut down all those trees.

Section B (50 marks)

51. (a) ...information of interest to the public.
 (b)daily.
 (c) on the front page.
 (d).....to attract customers/ readers.
 (e)..... on the feature pages.
 (f) to the editor.
 (g)publishing advertisements.
 (h) (i) **focus:** careful attention to
 (ii) **opinion:** View/what one thinks.
 (i) Newspapers.
52. (a).....Bondo Primary School.
 (b)6th July 2024
 (c)nine o'clock in the morning.
 (d)..... forty minutes.
 (e).....the festival began.
 (f)the District Inspector of Schools.
 (g) the festival ended and everyone went away.
 (h) different speeches.....
 (i) The head teacher, Bondo Primary school,.....
 (j) To develop the talents of children.
53. (a) His father.....
 (b) to his father's words of wisdom.
 (c)..... the ghosts called Meant – To Study and Didn't – Study.
 (d).....to revise daily his classwork.
 (e) Didn't- Study.....
 (f).....In the house of Failure.
 (g) Mr. Regret.....
 (h)(i) beside: next to
 (ii) comrade: friend/pal
 (j)should study hard, etc.
54. **The correct order of sentences is as follows.**
c, f, i, a, h, b, e, d, j, g
55. (a) **Picture A:** Some children are going back home from school.
 (b) **Picture B:** Boys are playing football near the road.
 (c) **Picture C:** The ball went in the road and one of the boys is trying to get it.
 (d) **Picture D:** The car knocked the boy and the boy followed down.
 (e) **Picture E:** The driver or the car owner is helping the boy.
 (f) **Picture F:** The boy is being taken to the clinic.
 (g) The boy wanted to get the ball.
 (h) The man is taking the boy in the clinic.
 (i) You can easily get an accident.
 (j) Any suitable title.



THE PRIME EXAMINATIONS 2024

P.7 MAGIC SET IV

INTEGRATED SCIENCE

Time allowed 2 hours 15 minutes

INDEX NO:

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Candidate's Name:

Candidate's Signature:

District ID No.:



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READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. Do not write your school or district name anywhere on this paper.
2. This paper has two sections, A and B Section A has 40 questions and section B has 15 questions. The paper has 9 printed pages.
3. Answer all questions. All answers to both sections A and B must be written in the spaces provided.
4. All answers must be written using a blue or black ball-point pen or ink. Any work written in pencil other than graphs and diagrams will not be marked.
5. Unnecessary changes in your work and handwriting that cannot easily be read may lead to loss of marks.

Do not fill anything in the table indicated "For Examiners' use only", and those boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
QUESTION NUMBER	MARKS ATTAINED	INITIALS
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

APPROVED:

Consultant

Integrated Science Department (PEC)

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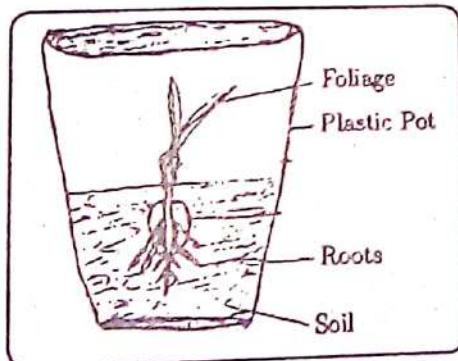
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Section A (40 Marks)

1. Name the part of onions eaten by people.
2. State any one cause of poisoning at home.
3. Give any one way how plants support human life.
4. State any one danger of natural changes to the environment.
5. How does HIV/ AIDS affect the humans?

The diagram below shows a type of germination. Study and use it to answer questions 6 and 7.



6. Name the type of germination shown in the diagram above.
7. Mention any one crop that undergoes the type of germination named in (6) above.
8. Give the main reason why some farmers rear sahiwal breed of cattle.
9. Give any one sign of a simple fracture.

10. How are mushrooms similar to ferns?

11. Give one way of preventing constipation in people.

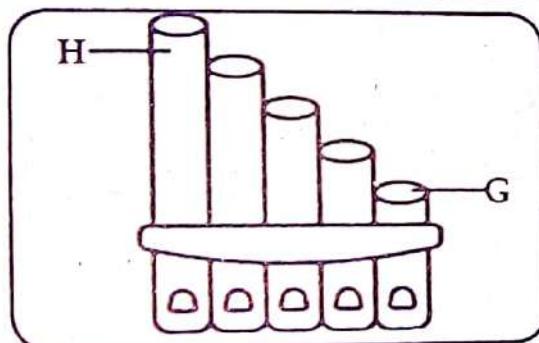
12. Why is it important for teenagers to acquire the skill of assertiveness?

13. How does temperature affect the speed of sound in the environment?

14. Give any one condition that results from prolonged dysentery.

15. State one importance of food security at home

Study the musical instrument below and use it to answer questions 16 and 17.



16. To which group of musical instruments does the above belong?

17. Identify the pipe between H and G which produces the highest pitch of sound.

18. State any one way how bacteria help to reduce the volume of faeces in latrines.

19. How does a hedgehog protect itself in the environment?

20. Mention any one permanent method of family planning.

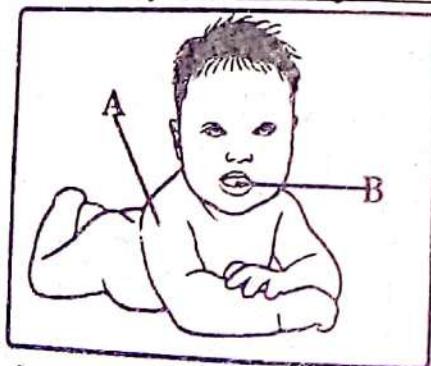
21. What is meant by Primary Health Care?

22. Give one importance of proper handling of food.

23. When should the mother be advised to put her baby on bottle feeding?

24. State the role of organisms found in root nodules of leguminous plants.

The diagram below shows an infant with different sites where vaccines are administered. Study it carefully and answer the questions 25 and 26.

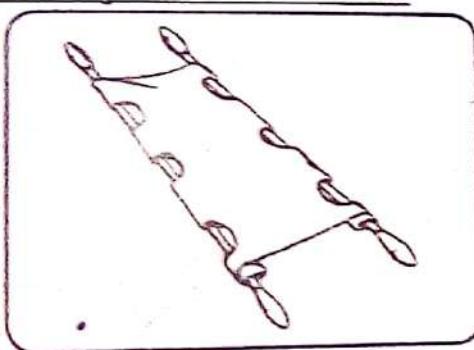


25. Which vaccine is administered at point A on the diagram above?

26. At what age is vaccine at point B administered to infants?

27. Name the deficiency diseases characterized by bleeding gums.

- WARNING: Not to be reproduced or electronically stored**
28. What do we call the male reproductive cells of flowers?
29. Give any one way how poor sanitation affects the people in our community.
30. State any one way how animals benefit people in the community.
31. Name the product of bees used to make shoe polish.
32. State any one way of controlling internal parasites in rabbits.
- The diagram below shows a tool used in administering first aid. Study and use it to answer questions 33 and 34.**



33. Name the tool shown in the diagram above.
34. State the use of the above tool to a first aider.
35. Give one sign of cassava mosaic on a cassava plant.
36. Give any one activity carried out on seedlings on a nursery bed.
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37. Name the type of roots that develop on cereals during flowering stage.

38. State the use of a lactometer to a cattle farmer.

39. Describe how gap filling prevents land wastage.

40. Name the type of skeleton found in wasps.

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Section B (60 Marks)

41. (a) What is meant by the term oral health?

(b) Give any two signs of poor oral hygiene.

(i) _____

(ii) _____

(c) Name any one disease caused due to poor oral health.

42. Match correctly the insects below to their young ones

Insect	Young ones
(a) Mosquito	Grub
(b) Housefly	Nymph
(c) Bees	Wrigglers
(d) Cockroach	Maggots

(a) Mosquito	:	_____
(b) Housefly	:	_____
(c) Bees	:	_____
(d) Cockroach	:	_____

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43. Give any two characteristics of the following;

(a) Wind pollinated flowers.

(i) _____

(ii) _____

- (b) Insect pollinated flowers.**
- (i) _____
- (ii) _____
44. (a) Mention any one example of an incline plane. _____
- If the load moves through a length of 160m on an inclined plane of height-40m.
- (b) Find the mechanical advantage. _____ (3marks)
45. (a) Apart from marabou stork, name one other example of scavenger birds. _____
- (b) How is the beak of an eagle adapted to its function?

- (c) Give two dangers of birds of prey to people.
- (i) _____
- (ii) _____
46. (a) Mention two examples of natural fertilizers..
(i) _____
(ii) _____
- (b) Give any two importance of using natural fertilizers over artificial fertilizers.
(i) _____
(ii) _____
47. (a) State any two advantages of castrating billy goats and rams.
(i) _____
(ii) _____

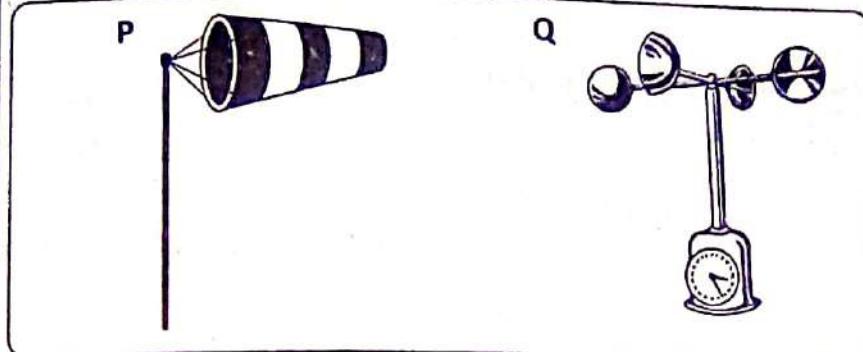
- (b) Why do farmers keep the following breeds of goats;
(i) Saanen goats.

(ii) Angora goats.

48.

The diagram below shows weather instruments. Study and use it to answer questions that follow.

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(a) Name the weather instrument marked P and Q from the diagram above.

(i) P _____ (ii) Q _____

(b) Give the importance of weather instrument Q at a weather station.

(c) Why is weather instrument P commonly found at the airstrip?

49

(a) Give one difference between fever and temperature.

(b) State the first aid for fever.

(c) How can we control and prevent fever and convulsion in the community?

(d) Give one reason why we are not advised to give a drink or any food stuff to a convulsing victim.

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50. (a) Give one reason why the moon is not a source of light.

(b) State any two properties of light.

(i)

(ii)

(c) Name the substance that protects our body from strong ultra-violet rays from the sun.

51. (a) Mention the mineral from which a coiled filament is made.

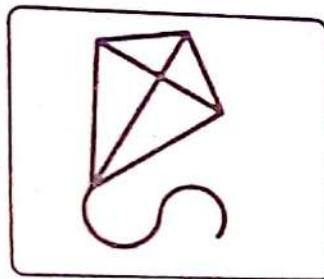
(b) Name two gases commonly used in electric bulbs.

(i)

(ii)

(c) Which energy change takes place in a working electric bulb?

52. The diagram below shows a kite in air. Study and use it to answer questions that follow.



(a) Which property of air helps the above kite to float in air as illustrated above?

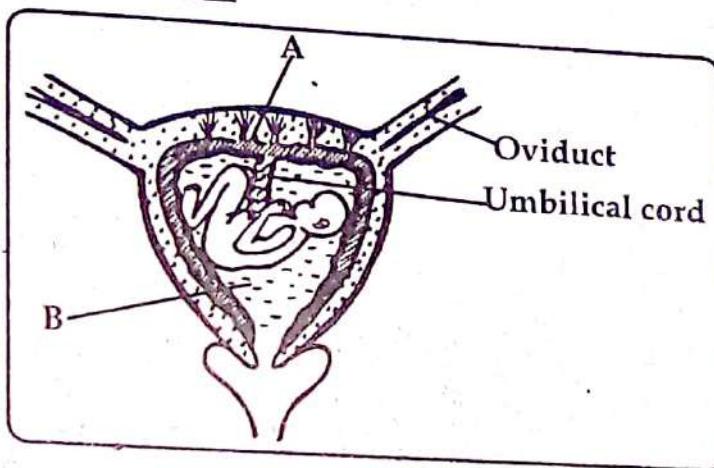
(b) What can happen to the above kite if the paper used has hole?

(c) Apart from moving kites, state any other two importance of moving air.

(i)

(ii)

- WARNING: Not to be reproduced electronically!!**
53. (a) Give two main causes of dehydration.
(i) _____
(ii) _____
(b) State two ways of rehydrating a dehydrated victim.
(i) _____
(ii) _____
54. (a) Mention the first two steps to follow when cleaning clothes.
(i) _____
(ii) _____
(b) Give two ways how cleaning of clothes help to promote health among people.
(i) _____
(ii) _____
55. The diagram below shows a foetus growing in the womb. Study and use it to answer questions that follow.



- (a) Name the parts marked A and B from the diagram above.
(i) A _____ (ii) B _____
(b) Give any two uses of the umbilical cord to a foetus.
(i) _____
(ii) _____



Review your answers

Always make sure you read through your answers before submitting the test/exam paper. It will help you find any mistakes or questions you may have misread or misinterpreted.