

GRADE 7

TERM 3

TEST BUNDLE PREVIEW

CAPS ATP
ALIGNED



Grade 7 English HL Term 3 Test I

QUESTION 1: READING COMPREHENSION (15 MARKS)

1. Read the following passage carefully and answer the questions that follow.

The Giant Pacific Octopus



<https://www.nationalgeographic.com/animals/invertebrates/facts/giant-pacific-octopus>

The giant Pacific octopus (*Enteroctopus dofleini*) is one of the largest and most intelligent octopus species in the world. These fascinating creatures inhabit the coastal waters of the North Pacific Ocean, from California to Alaska, as well as the northern parts of Japan and Russia.

Giant Pacific octopuses have eight long arms covered in suction cups, which they use to catch prey and navigate their environment. They are known for their remarkable intelligence and are capable of solving complex puzzles and mazes. They also have the ability to change their skin colour and texture to camouflage themselves from predators or sneak up on prey.

These octopuses have a short lifespan, typically living only 3 to 5 years. During this time, they grow rapidly, with some individuals reaching weights of over 50 kilograms. They are solitary creatures, only coming together to mate, after which the female will lay thousands of eggs in a den she has created. She will then guard the eggs for several months, not leaving to feed and ultimately dying after they hatch.

Despite their size and intelligence, giant Pacific octopuses are not considered a threat to humans and are rarely aggressive unless provoked. They play an important role in their marine ecosystems, controlling populations of prey species and providing food for larger predators.

1.1. What is the scientific name for the giant Pacific octopus?

1.2. Where do they live?

1.1. Find synonyms for the folk

a) Intelligent: _____

b) Solitary: _____

1.2. What is a collective noun for

1.3. Find antonyms for the folk

a) Fascinating: _____

b) Complex: _____

1.4. What is the plural for octop

QUESTION 3: DIALOGUE

3. Read the following dialogue between a journalist and a musician and answer the questions that follow.

Interviewer: Good morning, Sarah. Thank you for joining us today.

Sarah: Good morning, it's my pleasure.

Interviewer: You have a new album coming out. Can you tell us a bit about it?

Sarah: Yes, of course. The album is called "Echoes of the Soul." It's a collection of songs that are very personal to me, inspired by my own experiences and emotions.

Interviewer: That sounds very meaningful. What was your inspiration behind the title?

Sarah: The title reflects the idea that music has the power to resonate deeply within us, touching our souls in a way that words alone cannot.

Interviewer: How would you describe the overall theme or message of the album?

Sarah: I would say the album is about resilience and hope. It's about overcoming challenges and finding strength in difficult times.

Interviewer: That's beautiful. What do you hope listeners will take away from your music?

Sarah: I hope that listeners will find comfort and solace in my music. I want them to know that they are not alone in their struggles and that there is always hope for a better tomorrow.

Interviewer: Thank you for sharing that with us, Sarah. We look forward to hearing your new album.

3.1. What is the title of Sarah's new album? (1)

3.2. How does Sarah describe the overall theme of her album? (1)

- a) Love and happiness
- b) Sadness and loss
- c) Resilience and hope
- d) Anger and frustration

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QUESTION 2: LANGUAGE

2. Answer the following questions.

2.1. Write the plural form of the following proper nouns: (2)

a) Child _____

b) Man _____

2.2. Fill in the blanks with the correct form of the adjective in brackets: (2)

a) This book is _____ (interesting) than that one.

b) Mount Everest is the _____ (high) mountain in the world.

2.3. Rewrite the following sentences as complex sentences: (2)

a) She said, "I will come to the party." (Indirect speech)

b) He runs fast. He is a sprinter. (Combine using a relative pronoun)

2.4. Add the correct punctuation to the following sentences: (2)

a) yes i would like some cake

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- Reading comprehension (15)
- Language structures and conventions (20)
- Dialogue (5)
- Creative Writing (20)

(Antonyms, synonyms, proper nouns, adjectives, complex sentences, punctuation, verbs, literal & figurative meaning, simple past tense, comparative & superlative, active voice, figures of speech)

Test Total: 60

Number of pages: 12

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Grade 7 English HL Term 3 Test 2

QUESTION 1: READING COMPREHENSION

1. Read the text below and answer the questions that follow.

The Last Rehearsal

Lebo glanced at her watch - again. 15 minutes late. She stood backstage, gripping the script in her sweaty hands. Tonight's rehearsal would be the last, before the school play. Everyone was counting on her to pull off the lead role of Thando, a character who had to cry, laugh, and carry the entire story.

Just as she was about to give up, Musa burst through the hall doors, out of breath and clutching his backpack.

"Sorry I'm late! My little brother locked me out again," he said with a sheepish grin.

Lebo rolled her eyes but smiled. "Come on, we don't have time to waste."

The cast assembled quickly, and Mrs. Ndlovu, their drama teacher, clapped once. "From the top, Scene Three!"

Lebo took her position, her voice shaky at first. But as the scene unfolded, something shifted. She wasn't just pretending - she was Thando. Every word, every tear, felt real. The cast applauded when the scene ended.

As she walked off stage, Musa nudged her. "That was amazing. I almost forgot we were rehearsing."

Lebo laughed, her nervous energy fading. "Let's hope I can do it again tomorrow."

Mrs. Ndlovu raised her hand for silence. "Everyone, take notes from Lebo's performance. That's how you bring a script to life."

As the others packed up, Lebo sat quietly, still holding her script. For the first time in weeks, she wasn't afraid.



1.1. What is the name of the play's main character?

1.2. Why was Lebo nervous at the beginning of the rehearsal?

1.3. Quote a sentence from the passage that shows Lebo was stressed.

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- Reading comprehension (20)
- Visual Literacy (10)
- Summary (10)
- Language structures and conventions (20)

(Antonyms, synonyms, figures of speech, tenses, subject & predicate, reported speech, passive voice, parts of speech, punctuation, complex sentences, pronouns, negative form, plurals, sentence types, simple sentences)

QUESTION 4: LANGUAGE

4. Answer the following language questions.

4.1. Rewrite the sentence in the past tense: (1)

Lebo walks onto the stage with confidence.

4.2. Identify the subject and predicate in the sentence: (2)

The drama teacher praised Lebo after the scene.



Subject: _____

Predicate: _____

4.3. Give the antonym of *nervous*. (1)

4.4. Change the following into reported speech: (2)

"I'm sorry I'm late," said Musa.

4.5. Rewrite in the passive voice: (2)

The cast applauded her performance.

4.6. Identify the part of speech of the underlined word: (1)

Lebo was nervous but excited.

4.7. Insert the correct punctuation: (2)

mrs ndlovu said lebo was great

4.8. Write the following sentence in the future tense: (1)

She performs again tomorrow.

4.9. Rewrite the following as a complex sentence: (2)

Lebo practised a lot. She wanted to impress the teacher.

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1.4. Write down a compound sentence

OU

2. Look at the advert for the school play.

2.1. What is the name of the play? (1)

2.2. When and where will the play take place? (1)

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Test Total: 60

Number of pages: 10



Grade 7 Afrikaans FAL Term 3 Test 1

VRAAG 1: GEDIG

1. Lees die gedig hieronder en beantwoord die vrae wat volg:

Die windjie

Die windjie waai,
die windjie draai,
die windjie, die waai soos 'n
draaiende wieletjie,
en waai oor die vlakte,
die windjie, die waai oor die see.



1.1. Wat is die titel van die gedig? (1)

1.2. Omkring die regte antwoord. (1)

Windjie is 'n voorbeeld van:

- a) Meervoud
b) Verklyning
c) Vergelyking
d) Werkwoord

1.3. Noem twee woorde in die gedig wat met mekaar rym. (2)

1.4. Noem 'n werkwoord in die gedig. (1)

1.5. Gee 'n voorbeeld van 'n vergelyking in die gedig. (2)

1.6. Waar waai die windjie volgens die gedig? (2)

1.7. Benoem die byvoeglike naamwoord in die volgende sin. (1)
die windjie, die waai soos 'n draaiende wieletjie

- Gedig (10)
 - Drama (10)
 - Kortverhaal (10)
- Test Total: 30

- a) Waai
b) Soos
c) Die
d) Draaiende

(10)

VRAAG 2: DRAMA

2. Lees die uittreksel hieronder en beantwoord die vrae wat volg:

Woord	Engelse woord
toneel	Scene
dig	dense
ontbekende	Unknown
geheim	Secret/mystery
gevaar	danger

Uittreksel uit 'n Drama: "Die Wonderwoud"

Karakter 1: "Wat is hierdie plek? Dit voel so vreemd en onbekend."

Karakter 2: "Ek weet nie. Dit lyk soos 'n woud, maar anders. Ek dink ons het verdwaal."

Karakter 3: "Ek hoor vreemde geluide. Dis amper soos stemme wat fluister."

Karakter 4: "Miskien is ons nie alleen hier nie. Ons moet versigtig wees."

Die karakters kyk rond. Die bome is hoog en dig. Takke strek hul arms uit en vang die maanlig op. Die blare ritsel as die wind deur hulle waai. In die verte hoor hulle 'n uil roep.

2.1. Watter emosie word deur die karakters in hierdie toneel uitgebeeld? (2)

2.2. Watter toneel kan jy sê is hierdie uittreksel? (2)

2.3. Beskryf die atmosfeer van die toneel. Hoe dra die toneel se beskrywing by tot die atmosfeer? (4)

Grade 7 Afrikaans FAL Term 3 Test 2

VRAAG 1: LITERÊRE / NIE-LITERÊRE TEKS

1. Lees die volgende inligtingsteks en beantwoord die vrae wat volg.

Hoe om 'n Gesonde Leefstyl te Handhaaf

Om 'n gesonde leefstyl te handhaaf, moet jy 'n gebalanseerde dieet eet wat baie vrugte en groente insluit. Dit is ook belangrik om gereeld te oefen en genoeg water te drink. Slaap is 'n ander belangrike faktor – kinders moet ten minste agt uur per nag slaap. Boonop kan dit help om stres te bestuur deur ontspanningsaktiwiteite soos joga of meditasie te doen. Goeie higiënepraktyke, soos gereelde handewas en die instandhouding van skoon omgewings, is ook noodsaaklik.



'n Gebalanseerde dieet beteken dat jy van al die voedselgroepe moet eet: proteïene, koolhidrate, vette, vitamïene, en minerale. Probeer om weg te bly van verwerkte kosse wat baie suiker en sout bevat. Maak seker jy eet gereeld maaltye en moenie ontbyt oorslaan nie, aangesien dit die belangrikste maaltyd van die dag is.

Gereelde oefening beteken dat jy minstens 30 minute per dag aktief moet wees. Dit kan insluit draf, stap, swem, of enige sport wat jy geniet. Oefening help nie net om jou fisies gesond te hou nie, maar dit verbeter ook jou gemoedstoestand en energielakke.

Water is lewensbelangrik omdat dit help om die liggaam gehidreer te hou en die verwydering van afvalstowwe te ondersteun. Probeer om minstens agt glase water per dag te drink. Vermyn drankies wat baie suiker of kafeïen bevat, aangesien dit jou kan dehidreer.

Slaap speel 'n kritieke rol in jou gesondheid. Tydens slaap herstel jou liggaam en brein, wat jou help om beter te funksioneer gedurende die dag. Te min slaap kan lei tot gesondheidsprobleme soos oorgewig, swak konsentrasie, en 'n verswakte immuunstelsel.

Ten slotte, probeer om 'n balans tussen werk en ontspanning te vind. Te veel stres kan jou gesondheid negatief beïnvloed. Maak tyd vir aktiwiteite wat jy geniet en spandeer tyd saam met vriende en familie.

VRAAG 4: TAAL EN KONVENSIËS

4. Antwoord die volgende vrae.

4.1 Onderstreep die werkwoord in die volgende sin: (1)

Kinders moet ten minste agt uur per nag slaap.

4.2 Verander die volgende sin na die verlede tyd: (2)

Dit is belangrik om gereeld te oefen.

4.3 Onderstreep die eienaam in die volgende sin: (1)

Arno eet roomys by die strand.

4.4 Gee 'n antoniem vir die onderstreepte woord: (1)

Oefening help nie net om jou fisies gesond te hou nie, maar dit verbeter ook jou gemoedstoestand en energielakke.

4.5 Gee 'n sinoniem vir die onderstreepte woord: (1)

Tydens slaap herstel jou liggaam en brein, wat jou help om beter te funksioneer gedurende die dag.

4.6 Verander die stelsin in 'n vraagsin sodat die ondertrepte gedeelte die antwoord is. (1)

Die skoolsportweek begin op die 27ste Junie en eindig op die 31ste Junie.

Vraagsin:

Antwoord:

4.7 Gee die meervoud van jaar: _____ (1)

4.8 Skryf die volgende sin in die toekomstige tyd. (1)

Die klasse stap in alfabetiese volgorde die stadion in.

4.9 Verdander die volgende sin in die direkte rede. (2)

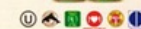
2. Kyk na die volgende

EET
V
{
C
II

Lucky Star Sardyne, Sardientjies, Middelmootvis en Tuna bevat nie net baie PROTEÏENE en OMEGA-3-VETSURE nie, maar dit het ook die goedkeuring van die Hart- en Beroerte-stigting van Suid-Afrika, wat mense aanmoedig om gesond te eet en 'n gesonde leefstyl te handhaaf.

Voordede van die produkte sluit in:

- Bevat minder versadigde vette
- Bevat minder cholesterol
- Bevat minder sout
- Help om hartkwalte te voorkom
- Verlaag bloeddruk, help om bloeddikte en hartaritmie te voorkom; en
- Beskerm die are deur te voorkom dat plaatjies aan mekaar vas sit.



- Begripstoets (15)
- Visuele teks (10)
- Opsomming (10)
- Taalwerk (15) (Werkwoorde, verlede tyd, eienaam, antoniem, sinoniem, meervoud, toekomstige tyd, direkte rede, letterlik of figuurlik, voegwoorde, alfabetiese volgorde)

Test Total: 50

Dm

Grade 7 Life Orientation Term 3 Test 1

1.2. Match the description with its correct term. (5)

Description	Term
1.2.1. The active psychoactive ingredient in marijuana that produces mind-altering effects.	a) Tobacco
1.2.2. This substance is commonly associated with causing severe respiratory diseases, and even lung cancer.	b) Alcohol
1.2.3. This substance is often referred to as the "club drug" and is known for its stimulant and hallucinogenic effects.	c) THC (tetrahydrocannabinol)
1.2.4. This substance is legal for people over 18 but can be misused and lead to addiction.	d) Ecstasy (MDMA)
1.2.5. This substance is derived from the opium poppy plant and is known for its pain-relieving properties.	e) Heroin

1.2.1.	1.2.2.	1.2.3.	1.2.4.	1.2.5.
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QUESTION 2

2. Fill in the missing words.

2.1. Excessive alcohol drinking can cause problems for the _____ and other organs.



2.2. Cigarettes contain nicotine, tar, and other chemicals which many people find has a _____ effect. However, cigarettes cause harm to the lungs.

2.3. Coffee is a very popular drink as it helps people feel awake. The ingredient that causes this effect is called _____.

2.4. Many drugs are _____ which means that users feel that they need to take them all the time.

2.5. Drugs not only have lethal effects on the human body, but they also ruin friendships, families and make it impossible to hold down a _____.

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- Substance abuse (Types, signs, symptoms, personal factors, prevention)
- Environmental health (local health problems, community & individual projects to deal with health problems, problem solving skills)
- World of work

QUESTION 5

5. Read the following case studies and answer the questions that follow.

5.1. CASE STUDY I

LEARNER PROFILE

MY DETAILS

Name: Sarah

Age: 13

Grade: 7



BACKGROUND

Sarah comes from a rural community where access to quality education and resources is limited. She has always had a passion for animals and dreams of becoming a veterinarian to help sick and injured animals in her community.

PERSONALITY CHARACTERISTICS

- Compassionate: Sarah has a natural empathy towards animals and people in need.
- Determined: Despite the challenges she faces, Sarah is determined to pursue her dream.
- Curious: She is always eager to learn and explore new things, especially when it comes to animals.

SCHOOLING AND CHALLENGES

- Limited Resources: Sarah's school lacks proper facilities and resources for science subjects, which are crucial for a career in veterinary science.
- Academic Performance: While Sarah is a hardworking student, she struggles with some subjects like mathematics and science, which are essential for veterinary studies.
- Career Guidance: Sarah's school lacks career guidance resources, making it difficult for her to understand the requirements and steps needed to become a veterinarian.

5.1.1. What is Sarah's dream career, and why is she interested in it? (2)

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4. Answer the following question

4.1. List 3 types/forms of substance abuse.

4.2. What are the symptoms of substance abuse, 3 physical, 3 emotional and 3 behavioral?

4.3. Explain TWO intrapersonal factors that contribute to substance abuse. (2)

4.4. Provide an example of a protective factor that can reduce the likelihood of substance abuse. (1)

4.5. True or false: Environmental health refers to only the physical condition of the natural environment and does not impact human well-being. (1)

True False

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Test Total: 70
Number of pages: 12



Grade 7 Life Orientation Term 3 Test 2

b) Give two negative effects that the polluted river has on the people in Greenview. (2)

c) Name two actions the Greenview Youth Group took to deal with the problem. (2)

d) Suggest two more things the community could do to prevent the river from becoming dirty again. (2)

2.2. Match the following environmental health problems with the correct solutions. Write the letter (a-d) in the grid below. (4)

Environmental Problem	Possible Solution
1. Chemical dumping	a) Install rubbish bins in public areas
2. Water wastage	b) Use eco-friendly cleaning products
3. Littering	c) Report factories to environmental authorities
4. Air pollution	d) Fix leaking taps and use water wisely

1. 2. 3. 4.

2.3. Choose the correct answer: What is the FIRST step in creating an action plan to solve an environmental problem? (1)

- a) Start cleaning up
- b) Raise money
- c) Identify and define the problem
- d) Talk to a councillor



2.4. What does it mean to make "environmentally sound choices"? Give one example. (2)

- Substance abuse (Types, signs, symptoms, personal factors, prevention)
- Environmental health (local health problems, community & individual projects to deal with health problems, problem solving skills)
- World of work

QUESTION 3

3.1. Read the case study below and answer the questions that follow.

Thuli is a registered nurse who works at a large public hospital in Johannesburg. Her employer is the Department of Health. She wears a clean blue uniform and comfortable shoes every day. Her job includes checking patients' vital signs, giving medicine, and supporting doctors in treating patients.



Thuli uses equipment such as thermometers, blood pressure machines, and syringes. She must be caring, patient, responsible, and hardworking. To become a nurse, she had to pass Life Sciences and English at school, and study nursing at a college for four years. She studied at a nursing college linked to a university.

Thuli says her job is not easy, but she feels proud because she helps people get better. She says that working as a nurse gives her a sense of purpose and personal fulfilment.

a) What is the name of Thuli's career? (1)

b) Who is Thuli's employer? (1)

c) Describe the dress code for her career. (1)

d) Name two tools or pieces of equipment she uses at work. (2)

e) Name two activities related to her work environment. (2)

f) Which two personality characteristics are important for this job? (2)

g) Name one school subject that is important for this career. (1)

QUESTION 2

2.1. Read the case study below and answer the questions that follow.

The Dirty River in Greenview

Greenview is a small community near a river that has become extremely polluted over the past year. The pollution comes from littering, illegal dumping, and chemicals from nearby factories. Many residents have complained about the smell, and some children in the area have developed skin rashes after swimming in the river.



The Greenview Youth Group decided to take action. They organised a community clean-up day, created posters to raise awareness, and asked the local municipality to test the water. They also launched a campaign encouraging people to recycle and dispose of waste properly.

a) Identify two environmental health problems mentioned in the case study. (2)

Test Total: 70
Number of pages: 10



Grade 7 Geography Term 3 Test 1

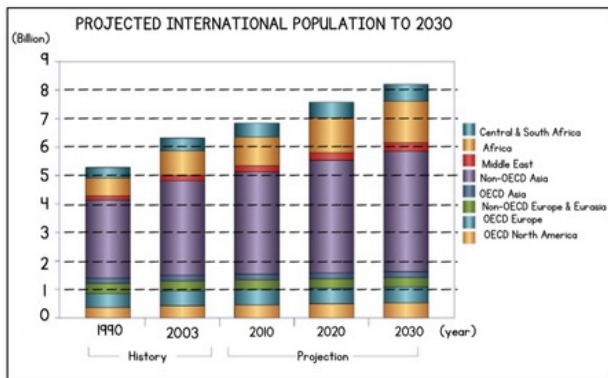
SECTION B, WORLD POPULATION GROWTH

QUESTION 2

2. The graph you see is called "Projected International Population to 2023." This means the graph shows an estimate of how many people will live in different parts of the world by the year 2023. The numbers in the graph are predictions based on information we have now.

Key Terms

- Population: The number of people living in a particular area.
- Projection: An estimate or prediction about the future.
- OECD: A group of countries with advanced economies and higher standards of living.
- Non-OECD: Countries that are not part of the OECD, which may have varying levels of economic development.



2.1. Name TWO reasons why understanding population projections is important. (2)

2.2. When did the world population reach 5 billion? (1)

- Population concepts (birth rates, death rates, infant mortality rates, life expectancy.
- World population growth
- Wildspread illnesses (HIV, AIDS, Malaria, TB)
- Pandemics of the past (Spanish flu)
- Economic status, conflict and wars (affecting population growth)
- Scientific developments

QUESTION 5

5. Read the case study below and answer the questions that follow.

The Spanish Flu Epidemic in South Africa

The Spanish Flu epidemic, also known as the 1918 influenza pandemic, was one of the deadliest pandemics in history. It affected millions of people worldwide, including South Africa. The epidemic reached South Africa in September 1918 and had a significant impact on the population.



In September 1918, the Spanish Flu arrived in South Africa, brought by soldiers returning from World War I. The flu spread rapidly across the country, causing widespread illness and death. It is estimated that around 500,000 South Africans died from the Spanish Flu, which was approximately 6% of the population at the time. The epidemic overwhelmed medical facilities, and there were not enough doctors or nurses to care for the sick.

The Spanish Flu affected people of all ages, but it was particularly deadly for young adults. Communities were devastated as families lost multiple members within a short period. Schools and businesses closed, and public gatherings were banned to prevent further spread of the virus. Despite these measures, the flu continued to spread, leaving a lasting impact on the country.

5.1. What was the Spanish Flu epidemic? (1)

5.2. How did the Spanish Flu arrive in South Africa? (1)

5.3. Name the Global Goal that is responsible for providing healthcare for all. (1)

5.4. Which age group was particularly affected by the Spanish Flu? (1)

5.5. Name TWO measures that were taken to prevent the spread of the Spanish Flu in South Africa? (2)

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3.1. The conflict between people have been for what effect will the neighbouring countries?

3.2. Many people lost lives of combat. Name TWO

3.3. True or false: The Goals.

True False

3.4. True or false: Countries in the northern hemisphere tend to have a higher life expectancy.

True False

3.5. True or false: The sustainable development goals aim to achieve decent lives for all on a healthy planet by 2030.

True False



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Test Total: 50

Number of pages: 13

Dm

Grade 7 Geography Term 3 Test 2

QUESTION 2

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

Country	Birth Rate (/1000)	Death Rate (/1000)	Population Growth Rate (%)	Infant Mortality Rate (/1000)	Life Expectancy (years)
South Africa	19	9	1.0%	27	64
Nigeria	37	12	2.5%	74	55
Egypt	23	5	1.8%	18	72
Kenya	28	7	2.1%	35	63
Ethiopia	31	8	2.3%	41	67

2.1 Which country has the highest infant mortality rate? (1)

2.2 Which country has the lowest life expectancy? (1)

2.3 Define the term "population growth rate." (2)

2.4 Which country has the highest population growth rate? Provide a reason based on the data. (2)

2.5 Compare the life expectancy of Egypt and Nigeria. What factors might explain the difference? (2)



- Population concepts (birth rates, death rates, infant mortality rates, life expectancy).
- World population growth
- Widespread illnesses
- Pandemics of the past (Spanish flu)
- Economic status, conflict and wars (affecting population growth)
- Scientific developments

3.2 List two ways scientific developments have helped control diseases. (2)

3.3 Name one widespread illness that affects population growth in Africa. (1)

3.4 How did the Spanish flu pandemic affect population growth? (2)

3.5 Compare the Spanish flu to the COVID-19 pandemic in terms of global spread and death rates. (3)

3.6 What is one reason why the world population grew rapidly after 1900? (1)

3.7 Define "life expectancy." (2)

3.8 According to the graph, during which century did the population grow most rapidly? (1)

3.9 How do conflict and war affect population growth? (2)

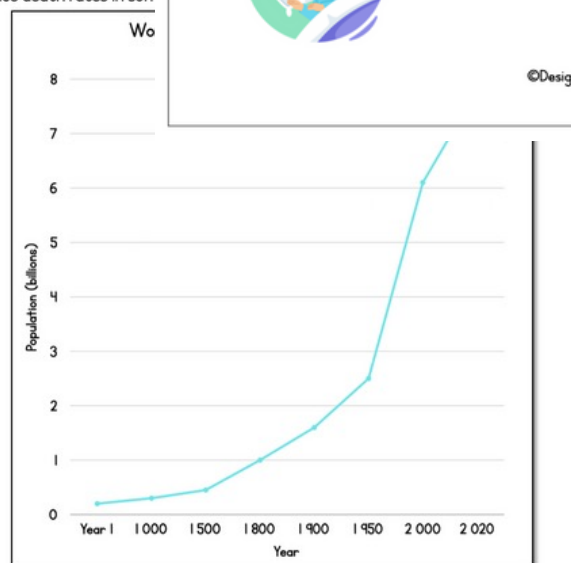
3.10 Explain how economic status influences birth and death rates. (2)

(20)

3. Read the case study and

Pandemics and Health

Pandemics have affected and infected over 500 million people quickly due to poor medicine. In recent years, diseases have been widespread in developing countries including improved sanitation, which has helped reduce death rates in some



3.1 What is meant by "infant mortality rate"? (2)

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Test Total: 50

Number of pages: 9

Dm




Grade 7 Natural Science Term 3 Test 1

QUESTION 2

2.1. Match the term in column A with its correct definition in column B. Write your answer in column C. (4)

Term	Description	Answer
1. Renewable energy	A. The transfer of heat through a material without the material itself moving.	
2. Potential energy	B. Energy stored in an object due to its position or state.	
3. Conduction	C. Materials used to reduce the transfer of heat.	
4. Insulation	D. Energy that comes from resources that are naturally replenished.	

2.2. Write down the energy type with its correct example. (3)

Example	Energy type
 Moving car	a) _____
 Food	b) _____
 Hot cup of tea	c) _____

2.3. Read the scenarios below and answer the questions that follow.

a) A toaster is plugged in and used to make toast.
What type of energy is converted into heat energy in the toaster?

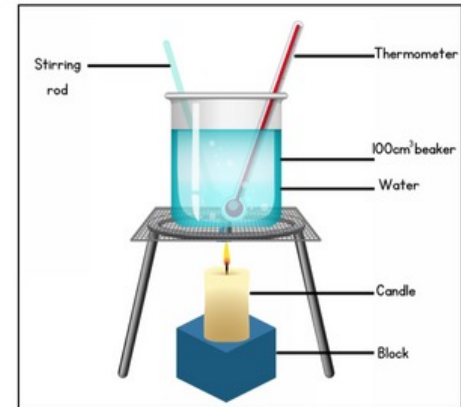
b) A solar-powered calculator is used during the day.
What type of energy is converted into electrical energy in this device?

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- Sources of energy
- Potential & Kinetic energy
- Heat transfer
- Insulation & energy saving
- Energy transfer to surroundings

QUESTION 4

4. Hannah investigated the heating of water. She predicted that the rise in temperature would depend on the volume of water. The diagram below shows the apparatus used.



Hannah recorded her results on a table as shown below.

Beaker	Volume of water in cm^3	Temperature at start in $^{\circ}C$	Temperature after 2 minutes, in $^{\circ}C$
A	25	18	30
B	50	18	24
C	75	18	22

4.1. Identify the independent and dependant variable for this investigation. (2)

Independent: _____

Dependant: _____

4.2. Why did Hannah need to know the temperature of the water at the beginning and at the end of the experiment? (2)

4.3. Did Hannah's results support her prediction? Explain your answer. (2)

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QUESTI

3.1. Name 3 advantages and 3 disadvantages.

Advantages:

- _____
- _____
- _____

Disadvantages:

- _____
- _____
- _____

3.2. Why is energy important? (2)

3.3. What are the environmental implications of using fossil fuels? (2)

Grade 7 Natural Science Term 3 Test 2

- c) Heat from a fire reaching your face
 d) Melting of ice
 1.8. What is wasted energy? (1)
 a) Energy we use efficiently
 b) Energy stored for later use
 c) Energy that escapes into the surroundings
 d) Energy that is transformed

- 1.9. A solar panel uses which type of energy? (1)
 a) Electrical
 b) Mechanical
 c) Light
 d) Kinetic

- 1.10. What happens to thermal energy in a closed hotbox? (1)
 a) It increases rapidly
 b) It escapes quickly
 c) It is trapped by insulation
 d) It is destroyed

1.1. 1.2. 1.3. 1.4. 1.5. 1.6. 1.7. 1.8. 1.9. 1.10

(10)

QUESTION 2

2.1. Match Column A with Column B by writing the correct letter in the

Column A	Column B
1. Radiation	A. Transfer of heat in liquids and gases
2. Conduction	B. Stored energy in an object due to its position
3. Convection	C. Transfer of heat through empty space
4. Potential Energy	D. Heat transfer through solids
5. Kinetic Energy	E. Energy of movement

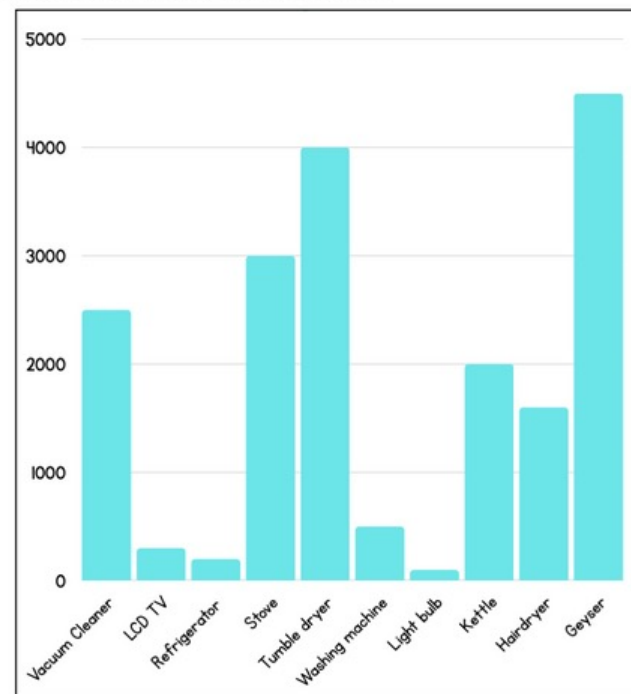


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- Sources of energy
- Potential & Kinetic energy
- Heat transfer
- Insulation & energy saving
- Energy transfer to surroundings

QUESTION 5

5. Study the table and answer the questions below:



5.1. Identify the three appliances with the lowest electricity usage. (1)

5.2. What is the total electricity used by the vacuum cleaner, stove, and kettle combined? Show your working. (2)

QUESTION 3

3.1. List two renewable and two non-renewable

.....

3.2. Explain how insulation helps keep a house

.....

3.3. Give one example each of potential energy

.....

3.4. Describe how energy is transferred in the following situation:
A candle heats a metal spoon placed above it.

.....

3.5. What is the difference between useful energy and wasted energy?

.....

3.6. State the law of conservation of energy in your own words. (2)

.....

.....

(14)



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4

Test Total: 50

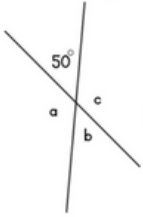
Number of pages: 10

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Grade 7 Mathematics Term 3 Test I

QUESTION 1: MEASURING & CONSTRUCTING ANGLES

1.1. Calculate angles a, b and c. Explain your reasoning for each letter. (6)



a) Angle a: _____

Reason: _____

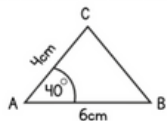
b) Angle b: _____

Reason: _____

c) Angle c: _____

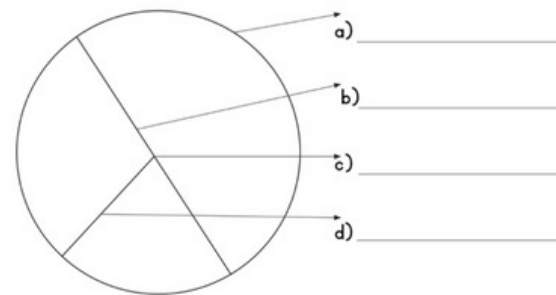
Reason: _____

1.2. Construct an accurate triangle, ABC, with the dimensions shown in the diagram.



- Construction of geometric figures
- Measuring and classifying angles
- Geometry of straight lines (Line segment, ray, parallel lines, perpendicular lines)
- Geometry of 2D shapes
- Classifying 2D shapes
- Transformations: enlargements & reductions

2.3. Name these parts of the circle: (4)



a) _____

b) _____

c) _____

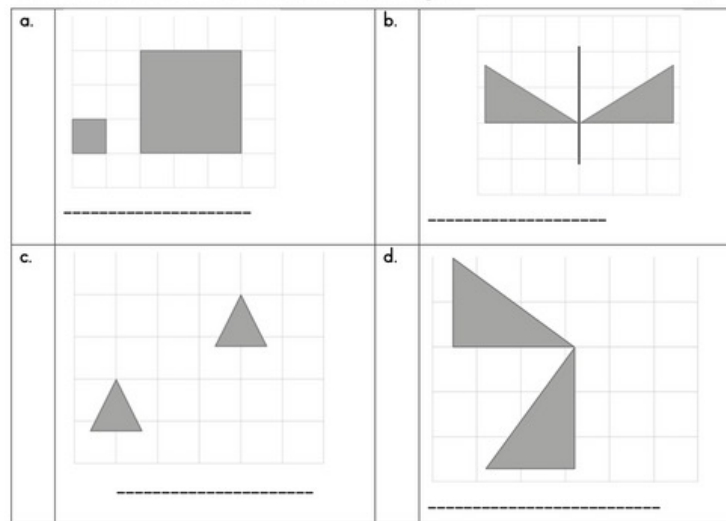
d) _____

(4)

(13)

QUESTION 3: TRANSFORMATIONS

3.1. Name the transformation in each of these images: (4)



a.

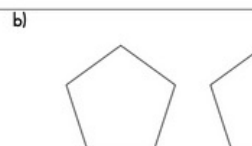
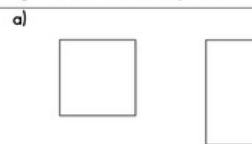
b.

c.

d.

QUESTIONS

2.1. Say whether these shapes are similar.



2.2. Match the description in column A with the name of the 2D shape in column B. (6)

Column A	Column B	Match from column A
1. The line the width of the circle going through the centre.	a) Square	
2. A triangle	b) Rectangle	
3. A four-sided shape where all four sides are equal.	c) Equilateral triangle	
4. A triangle where two sides are equal.	d) Congruent	
5. A four-sided shape where the opposite sides are equal.	e) Isosceles triangle	
6. When two shapes are the same size and shape.	f) Diameter	

Test Total: 50

Number of pages: 12



Grade 7 Mathematics Term 3 Test 2

QUESTION 1

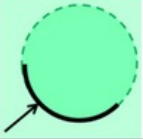
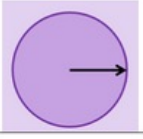
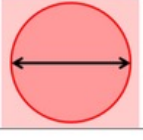
1. Define the following terms:

1.1. Parallel lines (2)

1.2. Ray (1)

1.3. Line segment (1)

1.4. Fill in the table below by naming the parts of the circle. (4)

Parts of a circle	Name
a) 	
b) 	
c) 	
d)	

- Construction of geometric figures
- Measuring and classifying angles
- Geometry of straight lines (Line segment, ray, parallel lines, perpendicular lines)
- Geometry of 2D shapes
- Classifying 2D shapes
- Transformations: enlargements & reductions

2.3. Draw a circle and indicate the lines of symmetry. (2)

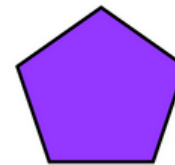


2.4. Draw the lines of symmetry for the following shapes. (1)

2.4.1. (1)



2.4.2. (1)



2.2. Measure c

2.2.1.



2.5. Rotate the shape below by following the arrow. (2)



2.2.2.



(20)

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6

2.2.3.



(2)



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5

Test Total: 50

Number of pages: 9



Grade 7 Economic Management Sciences Term 3 Test 1

QUESTION 2: SHORT ANSWERS

2. Answer the following questions.

2.1. Give a clear definition of an Entrepreneur. (2)

2.2. Name THREE characteristics of a successful entrepreneur. (3)

2.3. Why is it important for an entrepreneur to set goals? (2)

2.4. Explain the difference between needs and wants. (4)

2.5. Say whether the following statements are true or false. Tick the appropriate column. (5)

Statement	True
2.5.1. Education is not considered a primary need for families.	
2.5.2. The main challenge individuals, families and societies face when managing their resources in the economy is limited resources.	
2.5.3. Entertainment and travel is a primary need.	
2.5.4. Unlimited money is an example of a limited resource.	
2.5.5. Basic infrastructure is essential for national well-being.	



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- The entrepreneur (Definition, characteristics, skills, buying & selling, making a profit)
- Starting a business (Formal & informal businesses, needs & wants, SWOT analysis, setting & achieving goals, advertising & principals of advertising)

3.3. Name an opportunity that will be good for her business in the future. (2)

3.4. Calculate the profit if Sarah spends R500 on materials and sells her products for R1500. (1)

(8)

QUESTION 4: BUDGETING

4.1. Use the information supplied below and draw up a budget for Minathi's Art gallery for December 2024. Minathi's business earns about R25 000 per month. (11)

Her expenses are:

- Rent: R5 500
- Salaries: R5 000
- Water and electricity: R2 100
- Advertising: R920
- Stationary: R2 300
- Wages: R1 500



The business also receives R750 per month from interest on a fixed deposit. At the end of November 2021, the bank balance was R2200.

Minathi's Art Gallery: Budget for 2024

Income	Amount	Expenses	Amount
Total Income		Total Expenses	

4.2. What will her bank balance be at the end of December 2024? (2)

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5

QUESTION 3: CASE STUDY

3. Read the case study below.

Sarah is a young entrepreneur who makes handmade crafts. She decided to start a business called "Sarah's Crafts." She sells her crafts at local markets and events and has an online store to reach more customers. She also sells handmade jewellery, decorative items, and home decor.

To start her business, Sarah used her savings and set up her online store and through word-of-mouth. She was successful, so she created a budget for her business.

Sarah focused on understanding her business model to create effective advertising and customer service. She also applied her budget to track business progress and make necessary adjustments.

One of the biggest challenges Sarah faced was managing her expenses and making a profit. She kept detailed records of her costs and sales to ensure she stayed on track. Sarah also did a SWOT analysis to identify her business strengths, weaknesses, opportunities, and threats. This helped her make informed decisions and improve her business strategies.

Sarah's dedication and hard work paid off, and her business grew steadily. She is now considering expanding her product range and hiring an assistant to help with production and sales.

3.1. List THREE strengths that Sarah has that will help her to make her business a success. (3)

3.2. List TWO weaknesses that Sarah has. (2)

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Test Total: 50
Number of pages: 10



Grade 7 Economic Management Sciences Term 3 Test 2

QUESTION 2

2. Circle True or False next to each statement.

2.1. Formal businesses are registered and pay tax. (1)

True False

2.2. Advertising aims to create interest and encourage people to buy products. (1)

True False

2.3. Fixed costs change based on how many products are made. (1)

True False

2.4. SMARTER goals help entrepreneurs plan better. (1)

True False

[4]

QUESTION 3

3. Match the concepts in Column A with their correct descriptions in Column B. Write only the letter (A–E) next to the number in Column A. (5)

Column A	Column B
1. Variable cost	A. A place where people trade without tax
2. Formal business	B. A cost that changes based on output
3. Informal business	C. Sells homemade products on the street
4. Manufacturing	D. Business registered with the government
5. Trading	E. Buying and selling of goods



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- The entrepreneur (Definition, characteristics, skills, buying & selling, making a profit)
- Starting a business (Formal & informal businesses, needs & wants, SWOT analysis, setting & achieving goals, advertising & principals of advertising)

QUESTION 5

5. Read the case study below and answer the questions that follow.

Lebo is a Grade 7 learner who loves preparing healthy meals. She often helps her family pack lunchboxes, and her friends always ask for her ideas.

One day, her teacher suggests she turn this passion into a business. Lebo decides to start a small lunchbox delivery service for learners and teachers at her school. She will prepare the lunchboxes at home and deliver them during break time. She wants to offer different meal options and use recyclable packaging. Her cousin will help her with deliveries using a bicycle.



She is excited but unsure what challenges she might face.

5.1. Conduct a SWOT analysis for Lebo's business idea. List two potential strengths, weaknesses, opportunities, and threats. (8)

Strengths	Weaknesses
Opportunities	Threats

5.2. How could Lebo reduce the risks from the threats and weaknesses you identified? (2)

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5

4. Answer the following ques

4.1. List any two characterist

4.2. Explain the difference be

4.3. Define skilful buying.

4.4. What is the main goal of

4.5. Name two types of media used in advertising. (2)

[12]



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4

Test Total: 50
Number of pages: 10



Grade 7 Technology Term 3 Test 1

QUESTION 3. DESIGN BRIEF

3. Read the following scenario carefully.

A Grade R class in your school needs toys for children ages 3-6years old. They asked your grade 7 technology class to help them by making these toys. The school governing body does not have money to spend on these toys. Design and make a toy of your choice.

Design Brief: Create a design brief for a new toy using the following criteria:

- The toy must incorporate magnetism in its functionality.
- The toy must be safe for children aged 3-6.
- The toy must be environmentally friendly.

3.1. Write a design brief in ONE or TWO sentences indicating clearly what is it you are going to design and make to solve the problem. (3)

3.2. List 3 design specifications from the given scenario. (3)

3.3. Write ONE constraint that is limiting the developmental problem.

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QUESTION 6. ELECTROMAGNETS

6. A learner investigated how the strength of an electromagnet is affected by the current through the electromagnet.

The equipment they used is shown in the figure below.



6.1. Describe how the learner used the equipment in the figure above to make an electromagnet. (3)

6.2. When the electromagnet was switched on, paperclips were attracted to the electromagnet. Explain why the paperclips were attracted to the electromagnet. (1)

The learner counted how many paperclips were attracted to the electromagnet.

The results are shown in Table 1.

Table 1

Current (A)	Number of paper clips attracted
0	0
1	6
2	12
3	17
4	25
5	30

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QUESTION 4. ELECTRICITY

4.1. Match the name of the component with its correct space provided.

- | | |
|----------------------|----------|
| 4.1.1. ammeter | a) _____ |
| 4.1.2. battery | b) _____ |
| 4.1.3. bulb | c) _____ |
| 4.1.4. cell | d) _____ |
| 4.1.5. switch (open) | e) _____ |
| 4.1.6. voltmeter | f) _____ |

4.1.1.	4.1.2.	4.1.3.	4.1.4.	4.1.5.	4.1.6.
--------	--------	--------	--------	--------	--------

4.2. Give the key word from its definition. (4)

4.2.1. The flow of electric charge. _____

4.2.2. A material that has low resistance and allows current to flow through it easily. _____

4.2.3. A measure of how difficult it is for a flow of charge to pass through a component. _____

4.2.4. A material that has a high resistance and does not allow current to flow through it. _____

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6

- Design brief
- Circuits & electricity
- Drawing a circuit
- Electromagnets

Test Total: 50

Number of pages: 13

Dm

Grade 7 Technology Term 3 Test 2

QUESTION 2

2. Match the concept in Column A with the correct description in Column B. Write your answer (letter a-e) in the grid below.

Column A	Column B
2.1. Oblique drawing	a) A magnet powered by electricity
2.2. Pulley	b) A drawing showing 3D objects
2.3. Electromagnet	c) A wheel with a rope used to lift loads
2.4. Conductor	d) Material that allows electric current to pass
2.5. Flow chart	e) Step-by-step diagram of a process

2.1.	2.2.	2.3.	2.4.	2.5.
------	------	------	------	------

(5)

QUESTION 3

3. Answer the following questions.

3.1. Name two types of permanent magnets. (2)

.....
.....

3.2. What is the advantage of an electromagnet over a permanent sorting scrap metals?
.....
.....

3.3. List three materials that can be used to build a model crane.
.....
.....
.....

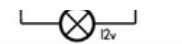
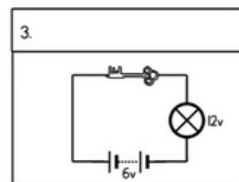
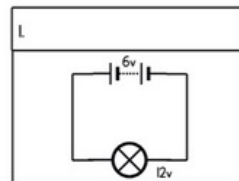
3.4. Explain what a simple electric circuit needs to function.
.....
.....
.....

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QUESTION 4

4.1. Write in the space above each circuit whether

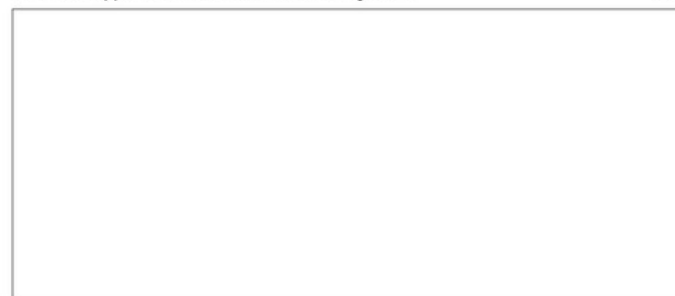
a) Off b) glowing dimly c) glowing



(4)

QUESTION 5

5.1. Draw a simple circuit diagram of an electromagnet using a cell, switch, light bulb, and coil wrapped around a nail. Use correct symbols. (5)



(5)

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5

QUESTION 7

7. Read the following scenario carefully.

Your school is planning a Recycling Awareness Day. You and your classmates have been asked to build a small working crane that can help sort magnetic metals (like steel and iron) from non-magnetic ones (like aluminium and copper) as part of the demonstration. The crane must use an **electromagnet** to lift and drop the metals. There is limited budget, and you must use recycled or low-cost materials.



7.1. Write a Design Brief in ONE or TWO sentences, clearly stating what you will design and make to solve the problem. (3)

.....
.....

7.2. List 3 Design Specifications from the given scenario. (3)

.....
.....
.....

7.3. Write ONE Constraint that is limiting the development of the solution. (1)

.....
.....

(7)

GRAND TOTAL: 50

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7

- Design brief
- Circuits & electricity
- Drawing a circuit
- Magnetism
- Electromagnets

Test Total: 50

Number of pages: 10