

AGRICULTURE GRADE 10

END TERM 1 EXAMINATION 2026

Time: 2 Hours

NAME.....ADM NO.....

DATE.....SIGN.....

INSTRUCTIONS TO CANDIDATES.

1. Answer ALL questions.

2. Write your answers clearly in the spaces provided.

1.a) Define the term Agriculture. (2 marks)

b) Explain four importance of agriculture to the Kenyan economy. (8 marks)

c) State five branches of agriculture and briefly describe each. (10 marks)

2.a) Describe five physical properties of soil. (10 marks)

b) Explain five ways of maintaining soil fertility. (10 marks)

3.a) Outline the process of land preparation from clearing to planting. (10 marks)

b) Explain five factors affecting crop production. (10 marks)

4.a) Discuss five methods of controlling soil erosion. (10 marks)

b) Explain five importance of irrigation in crop production. (10 marks)

5.a) Discuss five importance of livestock production in Kenya. (10 marks)

b) Explain five methods of controlling crop pests. (10 marks)

BIOLOGY GRADE 10

END TERM 1 EXAMINATION 2026

TIME 2 HOURS

NAME.....ADM NO.....

DATE.....SIGN.....

INSTRUCTIONS TO CANDIDATES

1. This paper consists of two sections: Section A and Section B.
2. Answer all the questions in Section A in the spaces provided.
3. In Section B, answer any two questions. Each question is worth 20 marks.
4. Read all questions carefully before attempting to answer.

SECTION A (60 MARKS)

Answer all questions in this section in the spaces provided.

1. Define the term Biology. (2 marks)

2. List the seven characteristic processes of life. (7 marks)

3. A student observed a cell under a microscope and noted the presence of a cell wall, a large central vacuole, and chloroplasts.

a) Is this a plant or an animal cell? (1 mark)

b) Give a reason for your answer based on the observations. (2 marks)

4. a) What is the function of the mitochondria in a cell? (2 marks)

b) Name the process that takes place in the mitochondria to perform this function. (1 mark)

5. Distinguish between diffusion and osmosis. (4 marks)

6. A red blood cell is placed in a beaker of distilled water.

a) Describe what will happen to the cell. (2 marks)

b) Explain why this happens (3 marks)

7. Name the two main types of nucleic acids. (2 marks)

8. Complete the following table on biological molecules: (8 marks)

Biomolecule	Basic Building Block (Monomer)	Main Function in the Body	One Food Source
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Carbohydrate	Provide quick energy		
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Protein	Meat, Beans		
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Lipid	Fatty Acids & Glycerol		
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9. What is a tissue? Give one example from the human body. (3 marks)

10.. Explain the role of ribosomes in a cell. (2 marks)

11. Why is the nucleus often referred to as the control center of the cell? (3 marks)

12. A plant is not watered for two weeks. Its leaves begin to wilt.

a) Explain why the leaves are wilting, using your knowledge of water movement in plants. (4 marks)

13. Name the enzyme found in saliva and state what substance it breaks down. (2 marks)

14. What is the optimal pH for most human enzymes? (1 mark)

15. List two factors that can affect the rate of an enzyme-controlled reaction. (2 marks)

16. Define the term homeostasis. (2 marks)

17. Give one example of how the body maintains a constant internal environment. (2 marks)

SECTION B: (40 MARKS)

Answer any two questions from this section. Each question is worth 20 marks.

18. Draw a well labeled diagram of a typical plant cell as seen under an electron microscope and label the following parts: Cell wall, cell membrane, nucleus, cytoplasm, chloroplast, mitochondria, large vacuole. (10 marks for the diagram and labels)

b) Describe the function of any four of the parts you have labeled. (8 marks)

c) Explain how the shape of a plant cell differs from that of an animal cell and why. (2 marks)

19. Define the term enzyme and describe its chemical nature. (4 marks)

b) Using a specific example, explain the 'lock and key' model of enzyme action. (You may use a diagram to support your answer.) (8 marks)

c) Design an experiment to investigate the effect of temperature on the activity of the enzyme catalase (found in potato or liver). Your answer should include: a hypothesis, a list of apparatus, a clear step-by-step method, and what you would measure to determine the rate of reaction. (8 marks)

20.a) List the main parts of the human alimentary canal in the correct order (5 marks)

b) Describe the process of digestion that takes place in the stomach. Include in your answer the type of food digested, the enzyme involved and the role of hydrochloric acid. (8 marks)

c) Explain how the small intestine is adapted to its function. (7 marks)

END

BUSINESS STUDIES GRADE 10
END OF TERM 1 EXAMINATION 2026

NAME.....ADM NO.....

DATE.....SIGN.....

Time: 2½ Hours

INSTRUCTIONS TO CANDIDATES

1. Answer ALL questions.
2. Write your answers in the spaces provided.

1.a) Define the following terms: (4 marks)

i. Business

ii. Scarcity

iii. Opportunity cost

iv. Entrepreneurship

b) Explain four characteristics of human wants. (8 marks)

c) Describe four factors of production and state their rewards. (8 marks)

2.a) Distinguish between the following pairs of terms: (8 marks)

i. Primary production and Secondary production.

ii. Direct production and Indirect production.

b) Explain four advantages of a sole proprietorship. (8 marks)

c) State four functions of money in the economy (4 marks)

3.a) Explain five characteristics of a private limited company. (10 marks)

b) Outline five challenges faced by entrepreneurs in Kenya today. (10 marks)

4.a) Explain five roles of entrepreneurship in economic development. (10 marks)

b) Discuss five ethical practices that businesses should observe. (10 marks)

5.a) Explain five stages involved in starting a small business. (10 marks)

b) Discuss five ways in which consumers are protected in Kenya. (10 marks)

END

CHEMISTRY GRADE 10

END TERM 1 EXAMINATION 2026

Time: 2½ Hours

NAME.....ADM NO.....

DATE.....SIGN.....

INSTRUCTIONS TO CANDIDATES

1. Answer ALL questions in the spaces provided.
2. Show all working clearly where calculations are required.

1.a) Define the following terms:

i) Chemistry (2 marks)

ii) Matter (2 marks)

iii) Pure substance (2 marks)

b) State four laboratory safety precautions observed during experiments. (4 marks)

c) Name three laboratory apparatus and state one use for each. (6 marks)

1.a) Differentiate between the following terms.

i) Element and compound (4 marks)

ii) Mixture and compound (4 marks)

b) Classify the following as elements, compounds, or mixtures:

- i) Air
- ii) Sodium chloride
- iii) Iron
- iv) Soil
- v) Carbon dioxide (5 marks)

c) Describe two methods used to separate mixtures and give one example for each. (2 marks)

3.a) State the three subatomic particles and give their charges. (6 marks)

b) An atom has atomic number of 15 and mass number of 31.

- i) State the number of protons. (2 marks)
- ii) State the number of electrons. (2 marks)
- iii) Calculate the number of neutrons. (2 marks)

c) Define the term isotopes. (2 marks)

d) Write the electronic configuration of:

i) Sodium (Atomic number 11) (3 marks)

ii) Oxygen (Atomic number 8) (3 marks)

4.a) Define the following terms,.

i) Atomic number (2 marks)

ii) Mass number (2 marks)

b) State the group and period of:

i) Magnesium (Atomic number 12) (3 marks)

ii) Chlorine (Atomic number 17) (3 marks)

c) State three properties of metals. (3 marks)

d) State two properties of non-metals. (2 marks)

5.a) What is meant by the following terminologies as used in Chemistry.

i) Ionic bonding (2 marks)

ii) Covalent bonding (2 marks)

b) Explain how sodium and chlorine form sodium chloride. (5 marks)

c) State three differences between ionic and covalent compounds. (6 marks)

6.a) Define a chemical reaction. (2 marks)

b) State four indicators that show a chemical reaction has occurred. (4 marks)

c) Balance the following equations:

i) $\text{___ H}_2 + \text{___ O}_2 \rightarrow \text{___ H}_2\text{O}$ (3 marks)

ii) $\text{___ Na} + \text{___ Cl}_2 \rightarrow \text{___ NaCl}$ (3 marks)

d) Classify the following reactions (combination, decomposition, displacement):

i) $2\text{KClO}_3 \rightarrow 2\text{KCl} + 3\text{O}_2$

ii) $\text{Zn} + \text{CuSO}_4 \rightarrow \text{ZnSO}_4 + \text{Cu}$

iii) $\text{CaO} + \text{H}_2\text{O} \rightarrow \text{Ca(OH)}_2$ (6 marks)

e) State the law of conservation of mass. (2 marks)

END

COMPUTER SCIENCE GRADE 10
END TERM 1 EXAMINATION 2026

Time: 2 Hours

INSTRUCTIONS TO CANDIDATES

Answer ALL questions.

- 1.a) Define the term Computer. (2 marks)

- b) State any two characteristics of a computer. (2 marks)

- c) Differentiate between hardware and software. (4 marks)

- d) Outline two functions of an operating system. (4 marks)

- e) State four examples of input devices. (4 marks)

- f) State two examples of output devices. (2 marks)

- g) What is a storage device? (2 marks)

2 a) Convert the following binary number to decimal: 101101_2 (4 marks)

b) Convert the following decimal number to binary: 25_{10} (4 marks)

c) State two units of measuring computer memory. (2 marks)

d) Arrange the following in ascending order: KB, GB, MB, TB (4 marks)

e) Differentiate between RAM and ROM. (4 marks)

f) State two characteristics of primary memory. (2 marks)

3a) State two uses of word processors. (4 marks)

b) Outline two features of spreadsheet software. (4 marks)

c) Define the term presentation software. (2 marks)

d) State two uses of database systems. (4 marks)

e) Outline two advantages of using computers in education. (4 marks)

f) State two examples of application software. (2 marks)

4a) Define a computer network. (2 marks)

b) State two types of computer networks. (4 marks)

c) Outline two advantages of networking computers. (4 marks)

d) What is the Internet? (2 marks)

e) State two uses of the Internet. (4 marks)

f) Define the term email. (2 marks)

g) State two examples of web browsers. (2 marks)

5a) Define computer ethics. (2 marks)

b) State two examples of unethical computer practices. (4 marks)

c) Outline two measures used to protect computers from viruses. (4 marks)

d) Define a computer virus. (2 marks)

e) State two types of cyber threats. (4 marks)

f) Outline two safe practices when using the Internet. (4 marks)

CHRISTIAN RELIGIOUS EDUCATION GRADE 10

END TERM 1 EXAMINATION 2026

NAME.....ADM NO.....

DATE.....SIGN.....

Time: 2 Hours

INSTRUCTIONS TO CANDIDATES

Answer all questions in the spaces provided.

1.(a) Explain why the Bible is referred to as a Library. (5 marks)

(b) Identify five literary forms used by the authors of the Bible to communicate God's message. (5 marks)

2(a) State five similarities between the first and second accounts of creation in Genesis 1 and 2. (5 marks)

(b) From the Genesis stories, explain the responsibilities given to human beings by God over the rest of creation. (5 marks)

3.(a) Describe the immediate consequences of the sin of Adam and Eve as recorded in Genesis 3. (6 marks)

(b) Give four reasons why Christians should seek forgiveness from God today. (4 marks)

4.(a) Describe the background of Abraham before his call by God. (5 marks)

(b) Outline five promises that God made to Abraham during his call. (5 marks)

(c) Mention five ways in which Abraham demonstrated his faith in God. (5 marks)

5.(a) Define the term "Covenant" and name two types of covenants found in the Old Testament. (5 marks)

(b) Describe the ceremony of the covenant between God and Abraham in Genesis 15. (10 marks)

6.(a) Discuss five reasons why it is important for a Grade 10 student to study Christian Religious Education. (5 marks)

(b) How can the teachings of the Bible help a student to cope with modern-day challenges like peer pressure? (5 marks)

END

ENGLISH AND LITERATURE GRADE 10
END TERM 1 EXAMINATION 2026

Time: 2 Hours

INSTRUCTIONS TO CANDIDATES

1. Answer ALL questions.
2. Write your answers clearly.

QUESTION 1: COMPREHENSION (20 MARKS)

Read the passage below and answer the questions that follow.

Agriculture plays a major role in improving the lives of many families. Through farming, communities are able to produce food, earn income and create employment opportunities. In recent years, modern technology has improved farming methods, making it easier for farmers to increase productivity. However, challenges such as climate change, pests and limited resources continue to affect agricultural activities. To overcome these challenges, farmers are encouraged to adopt sustainable practices such as irrigation, crop rotation and proper soil management.

- a) According to the passage, state two benefits of agriculture. (4 marks)

- b) Identify two challenges facing farmers today. (4 marks)

- c) State two modern farming practices mentioned in the passage. (4 marks)

- d) Explain the importance of sustainable farming practices. (4 marks)

- e) Give a suitable title for the passage. (4 marks)

QUESTION 2: GRAMMAR (20 MARKS)

a) Rewrite the following sentences in reported speech. (4 marks)

i) She said, "I am working hard."

ii) John said, "We will visit the farm tomorrow."

b) Fill in the blank spaces with the correct form of the verb in brackets. (4 marks)

i) The farmer ____ (plant) maize yesterday.

ii) The students ____ (write) their exams now.

c) Change the following sentences into passive voice. (4 marks)

i) The teacher marked the books.

ii) The farmer grows vegetables.

d) Use the following words to construct sentences of your own. (4 marks)

i) Sustainable

ii) Productivity

e) Identify the part of speech of the underlined words. (4 marks)

i) The hardworking farmer succeeded.

ii) They quickly completed the task.

QUESTION 3: FUNCTIONAL WRITING (20 MARKS)

You are the secretary of the Agriculture Club in your school.

Write a formal invitation to parents inviting them to attend an agricultural exhibition.

Include:

- Date
- Venue
- Purpose of the exhibition
- Activities to be showcased

QUESTION 4: LITERATURE (20 MARKS)

Read the poem below and answer the questions that follow.

The field stands silent and wide,
Waiting for the farmer's stride.
Seeds of hope in careful rows,
Promise life as rainfall flows.

- a) Identify the persona in the poem. (4 marks)

- b) State the main theme of the poem. (4 marks)

- c) Identify and explain one literary device used. (4 marks)

- d) What mood is created in the poem? (4 marks)

- e) Explain the message of the poem. (4 marks)

QUESTION 5: ORAL SKILLS (20 MARKS)

- a) State four functions of stress in speech. (8 marks)

- b) Differentiate between verbal and non-verbal communication. (4 marks)

- c) Give four examples of non-verbal communication. (4 marks)

GEOGRAPHY GRADE 10

END TERM 1 EXAMINATION 2026

Time: 2 Hours 30 Minutes

NAME..... ADM NO.....

DATE..... SIGN.....

INSTRUCTIONS TO CANDIDATES

1. This paper consists of Section A, B and C.
2. Answer all questions in Section A and B.
3. Answer any two questions from Section C.
4. All answers must be written in the spaces provided.

SECTION A (30 MARKS)

Answer all questions in this section.

1. Define the term Geography. (2 marks)
2. State two branches of Geography. (2 marks)
3. Identify two importance of studying Geography. (2 marks)
4. Name two sources of information in Geography. (2 marks)
5. State two types of maps used in Geography. (2 marks)
6. What is the meaning of scale as used in maps? (2 marks)

7. Convert 1:50,000 into a statement scale. (2 marks)
8. Give two uses of photographs in Geography. (2 marks)
9. Differentiate between weather and climate. (2 marks)
10. State two elements of weather. (2 marks)
11. Name two types of rainfall. (2 marks)
12. State two factors influencing climate. (2 marks)
13. Identify two types of rocks. (2 marks)
14. State two characteristics of sedimentary rocks. (2 marks)
15. Give two agents of erosion. (2 marks)

SECTION B (40 MARKS)

Answer all questions in this section.

- 16.a) Define the term map. (2 marks)
- b) State three components of a good map. (3 marks)
- c) Give three uses of maps. (3 marks)

d) Explain two problems encountered when using maps. (2 marks)

17.a) State three factors influencing climate. (3 marks)

b) Describe the formation of relief rainfall. (4 marks)

c) Explain three effects of climate change in Kenya today. (3 marks)

18.a) Describe the formation of igneous rocks. (4 marks)

b) Differentiate between intrusive and extrusive igneous rocks. (4 marks)

c) Give two examples of metamorphic rocks. (2 marks)

19.a) Define the term earth movements. (2 marks)

b) Name two types of earth movements. (2 marks)

c) Describe the formation of fold mountains. (4 marks)

d) State two effects of earthquakes. (2 marks)

SECTION C (30 MARKS)

Answer any TWO questions in this section.

20.a) Describe the water cycle with the aid of a well-labeled diagram. (8 marks)

b) Explain four importance of the hydrological cycle. (7 marks)

21.a) Describe the process of weathering. (5 marks)

b) Describe five types of physical weathering. (10 marks)

22a) Describe the formation of the Rift Valley. (8 marks)

b) Explain the significance of the Rift Valley to human activities. (7 marks)

HISTORY & CITIZENSHIP GRADE 10
END OF TERM 1 2026

NAME.....ADM NO

DATE.....SIGN.....

Time: 2 Hours

INSTRUCTIONS TO CANDIDATES

1. This paper consists of THREE sections: A, B and C.
2. Answer ALL questions in Sections A and B.
3. Answer ANY TWO questions in Section C.
4. Write your answers clearly in the spaces provided.

SECTION A (20 MARKS)

Answer ALL questions.

1. Define the term History. (2 marks)
2. List TWO sources of information in History. (2 marks)
3. Identify TWO types of Government in Kenya. (2 marks)
4. Give TWO roles of the Judiciary in Kenya. (2 marks)
5. Name TWO early forms of trade practiced in East Africa. (2 marks)
6. State TWO reasons for the coming of the Portuguese to the East African Coast. (2 marks)
7. Identify TWO factors that led to the rise of nationalism in Kenya. (2 marks)

8. State TWO responsibilities of a Kenyan citizen. (2 marks)

9. Name TWO human rights provided in the Constitution of Kenya 2010. (2 marks)

10. Identify TWO forms of democracy. (2 marks)

SECTION B (40 MARKS)

Answer ALL questions in this section.

11. (a) Explain THREE importance of studying History. (6 marks)

(b) Describe FOUR functions of Parliament in Kenya. (8 marks)

12. (a) Explain THREE social effects of the Trans-Atlantic Slave Trade. (6 marks)

(b) Discuss FIVE factors that contributed to the Scramble and Partition of Africa. (10 marks)

13. (a) Describe FIVE causes of the Mau Mau Movement in Kenya. (10 marks)

SECTION C (40 MARKS)

Answer ANY TWO questions in this section.

14. (a) Describe FIVE contributions of Jomo Kenyatta to Kenya's independence and nation building. (10 marks)

(b) Explain FIVE features of the Constitution of Kenya 2010. (10 marks)

15. (a) Explain FIVE ways through which citizens participate in governance in Kenya. (10 marks)

(b) Describe FIVE economic activities of early man. (10 marks)

16. (a) Explain FIVE factors that led to urbanization in Africa during the colonial period. (10 marks)

(b) Discuss FIVE challenges facing democracy in Africa today. (10 marks)

END

HOME SCIENCE GRADE 10

END TERM 1 EXAMINATION 2026

TIME 2 Hours 30 Minutes

NAME: _____ ADM NO: _____

CLASS: _____ DATE: _____

INSTRUCTIONS TO CANDIDATES

1. This paper consists of SIX sections: A, B, C, D, E, and F.
2. Answer ALL questions in each section.
3. Answers must be written in the answer booklet provided.

SECTION A: (16 Marks)

Answer all questions in this section.

1. State four characteristics of physical development during early childhood (3–8 years). (4 marks)

2. Explain three reasons why play is important in the growth and development of a child aged 2–5 years. (6 marks)

3. List three physical changes that occur in girls during adolescence. (3 marks)

4. Identify three factors that influence emotional development in adolescents. (3 marks)

SECTION B: (24 Marks)

Answer all questions in this section.

5. (a) Define the term balanced diet. (2 marks)

(b) Using the ICMR basic food groups, classify the following foods:

(i) Maize

(ii) Eggs

(iii) Kales (Sukuma wiki)

(iv) Cooking oil (4 marks)

6. Explain four factors to consider when planning meals for a family. (8 marks)

7. (a) Distinguish between food spoilage and food preservation. (4 marks)

(b) Describe two household methods of preserving fruits. (4 marks)

8. Give two reasons for cooking food. (2 marks)

SECTION C: (18 Marks)

Answer all questions in this section.

9. Outline four personal hygiene practices a food handler should observe. (4 marks)

10. Identify four principles of hygienic food handling in the kitchen. (4 marks)

11. Explain three potential health risks associated with food adulteration. (6 marks)

12. State two ways to ensure kitchen surfaces remain hygienic. (4 marks)

SECTION D: (18 Marks)

Answer all questions in this section.

13. (a) Define the term family resources. (2 marks)

(b) Give three examples of human resources in a family. (3 marks)

14. Explain the following steps in the management process:

(i) Planning

(ii) Controlling (4 marks)

15. (a) What is work simplification? (2 marks)

(b) State three benefits of preparing a time plan for daily activities. (3 marks)

16. List four factors that affect the energy levels of an individual when performing household tasks. (4 marks)

SECTION E: (12 Marks)

Answer all questions in this section.

17. (a) Define a consumer. (2 marks)

(b) Identify five problems consumers face in the market today. (5 marks)

18. Explain the importance of the FSSAI (Food Safety and Standards Authority of India) mark on food products. (2 marks)

19. State three responsibilities of a consumer when buying goods. (3 marks)

SECTION F: (12 Marks)

Answer all questions in this section.

20. (a) Differentiate between natural fibres and synthetic fibres. (2 marks)

(b) Give two examples of each type of fibre. (2 marks)

21. Explain the procedure for removing a grease stain from a white cotton garment. (4 marks)

END TERM 1 EXAMINATION 2026

ICT GRADE 10

Time: 2 Hours

Name.....DATE.....

Admission No.....SIGN.....

INSTRUCTIONS TO CANDIDATES

1. Answer ALL questions.
2. Write your answers clearly in the spaces provided.

1. a) Define the term Information and Communication Technology (ICT). (2 marks)

b) State four functions of a computer. (4 marks)

c) Describe four characteristics of a computer. (4 marks)

2. a) Differentiate between hardware and software. (4 marks)

b) Give four examples of hardware devices. (4 marks)

c) Give four examples of software. (4 marks)

3. a) What is an operating system? (2 marks)

b) Explain four functions of an operating system. (8 marks)

4. a) Define the term computer storage. (2 marks)

b) Differentiate between primary and secondary storage. (4 marks)

c) Explain four examples of secondary storage devices. (4 marks)

5. a) Define a computer file. (2 marks)

b) Differentiate between a file and a folder. (4 marks)

6. a) What is meant by the term word processing. (2 marks)

b) Explain four uses of word processing software. (8 marks)

7. a) Describe the steps involved in creating and saving a document. (6 marks)

b) Explain four formatting features used in word processing. (4 marks)

8. a) Define the term internet. (2 marks)

b) Explain four advantages of the internet. (8 marks)

9. a) Define email. (2 marks)

b) Explain four advantages of using email. (4 marks)

c) Describe five internet safety rules. (5 marks)

KISWAHILI NA FASIHI GREDI YA KUMI

KARATASI YA MWISHO WA MUHULA WA KWANZA 2026

MUDA: SAA 2 DAKIKA 30

JINA: _____ NAMBARI: _____

DARASA: _____ TAREHE: _____

MAELEKEZO KWA MTAHINIWA:

1. karatasi hii ina sehemu tatu: a, b na c.
2. jibu maswali yote katika kila sehemu.
3. Majibu yote yaandikwe katika kijitabu cha majibu.

SEHEMU A: FASIHI SIMULIZI (ALAMA 25)

Jibu maswali yote katika sehemu hii.

1. (a) Tofautisha kati ya hekaya na ngano. (alama 4)

(b) Orodhesha sifa nne za fasihi simulizi. (alama 4)

2. Eleza umuhimu wa fasihi simulizi katika jamii ya leo. (alama 4)

3. (a) Bainisha aina nne za semi. (alama 4)

(b) Eleza maana ya vitendawili kwa kutoa mfano mmoja. (alama 3)

4. Andika methali tatu zinazohimiza ushirikiano katika jamii. (alama 3)

5. Kwa kutoa mfano, eleza tofauti kati ya ushairi simulizi na ushairi andishi. (alama 3)

SEHEMU B: TAMTHILIA NA RIWAYA (ALAMA 40)

Majibu ya sehemu hii yatokee kwenye tamthilia ya Jahazi la Mchongoma na riwaya ya Fumbo la Baba.

Tamthilia: **JHAZI LA MCHONGOMA**

1. (a) Eleza maana ya tamthilia. (alama 2)

(b) Tambua wahusika wawili wakuu katika tamthilia ya Jahazi la Mchongoma na ueleze sifa zao. (alama 6)

2. Jadili changamoto nne zinazowakabili wahusika katika Jahazi la Mchongoma. (alama 8)

3. Eleza maudhui ya ukosefu wa ajira kama yanavyojitokeza katika tamthilia ya Jahazi la Mchongoma. (alama 4)

Riwaya: **FUMBO LA BABA**

1. Eleza muundo wa riwaya ya Fumbo la Baba. (alama 4)

2. Chambua wahusika wafuatao katika riwaya ya Fumbo la Baba:

(i) Baba Maksuudi (alama 4)

(ii) Maimuna (alama 4)

3. Jadili mbinu nne za lugha alizotumia mwandishi katika Fumbo la Baba na ueleze umuhimu wake.
(alama 8)

SEHEMU C: WASIFU NA USHAIRI (ALAMA 35)

Majibu ya sehemu hii yatokee kwenye wasifu wa MLEMAVU SIO MIMI na mashairi mbalimbali.

Wasifu: MLEMAVU SIO MIMI

1. (a) Eleza maana ya wasifu. (alama 2)

(b) Kwa kutoa mifano, eleza changamoto nne alizokumbana nazo mhusika mkuu katika Mlemavu Sio Mimi. (alama 8)

2. Jadili maudhui ya ustahimilivu yanavyojitokeza katika Mlemavu Sio Mimi. (alama 4)

USHAIRI

1. Soma shairi lifuatalo kisha ujibu maswali:

Jitihada za mkulima, huleta mavuno tele,

Akipanda kwa bidii, huvuna kwa furaha,

Asiyelima shamba lake, hupata hasara,

Bidii ya mkulima, ndiyo uzuri wa shamba.

(a) Baini vina vya mwisho katika ubeti huu. (alama 2)

(b) Taja aina ya ushairi uliotumika katika ubeti huu. (alama 1)

(c) Eleza dhamira kuu ya ubeti huu. (alama 3)

2. (a) Orodhesha sifa nne za ushairi huru. (alama 4)

(b) Eleza tofauti kati ya kina na mizani katika ushairi. (alama 4)

3. Kwa kurejelea mashairi uliyosoma, eleza umuhimu wa tashibiha kama tamathali ya usemi. (alama 3)

4. Tunga ubeti mmoja wa kishairi wenye mishororo minne unaozungumzia umuhimu wa elimu. (alama 4)

MATHEMATICS GRADE 10
END OF TERM 1 EXAMINATION 2026

NAME.....**ADM NO**.....

DATE.....**SIGN**.....

Time: 2 ½ Hours

INSTRUCTIONS TO CANDIDATES

Answer ALL questions in the spaces provided.

1. Simplify:

(a) $3x + 5x - 2x$ (2 marks)

(b) $4(2a - 3) - 2(a + 5)$ (2 marks)

2. Solve the equation:

$3x - 7 = 11$ (4 marks)

3. Factorize completely:

$2x^2 + 7x + 3$ (4 marks)

4. Expand and simplify:

$$(x + 3)(x - 5) \text{ (4 marks)}$$

5. Solve:

$$2x^2 - 8 = 0 \text{ (4 marks)}$$

6. A rectangle has length $(x + 4)$ cm and width $(x - 2)$ cm.
Find its area in terms of x .

(5 marks)

7. Solve the simultaneous equations:

$$2x + y = 7$$

$$x - y = 1$$

(6 marks)

8. Simplify:

$\frac{3}{4} + \frac{5}{6}$ (2 marks)

9. Express 0.375 as a fraction in its simplest form.

(2 marks)

10. Find the next term in the sequence: 5, 9, 13, 17, ...,

(2 marks)

11. Find the value of x if:

$\frac{5x}{2} = 15$ (4 marks)

12. Calculate the mean of: 4, 6, 8, 10, 12

(4 marks)

13. Find the area of a triangle with base 8 cm and height 5 cm.

(4 marks)

14. Convert 72 km/h to m/s.

(4 marks)

15. Find the perimeter of a square of side 7 cm.

(3 marks)

16. Evaluate:

$2^3 + 5^2$ (4 marks)

17. Solve:

$x/3 + 2 = 5$ (4 marks)

18. Find the volume of a cube of side 4 cm.

(4 marks)

19. A bag contains 3 red and 2 blue balls. One ball is picked at random. Find the probability of picking a red ball.

(4 marks)

20. Find the value of:

$\sqrt{81} + \sqrt{16}$ (4 marks)

21. Solve for y:

$3y + 9 = 0$ (4 marks)

22. Find the simple interest on Ksh 2000 at 5% per annum for 2 years.

(4 marks)

24. Find the sum of angles in a quadrilateral.

(4 marks)

PHYSICAL EDUCATION GRADE 10

END TERM 1 EXAMINATION 2026

TIME 2 HOURS

Name: _____ Admission No: _____

Class: _____ Date: _____

INSTRUCTIONS TO CANDIDATES

1. This paper consists of two sections: A and B.
2. Answer ALL the questions in Section A in the spaces provided.
3. Answer any two questions from Section B in the spaces provided.
4. The paper carries a total of 100 marks.

SECTION A: ANSWER ALL QUESTIONS (60 MARKS)

1. State four reasons why it is important to warm up before participating in physical activity. (4 marks)

a) _____

b) _____

c) _____

d) _____

2. Define the term 'Physical Fitness'. (2 marks)

3. List the two main components of physical fitness and give two examples for each. (6 marks)

a) Component 1: _____

i) Example: _____

ii) Example: _____

b) Component 2: _____

i) Example: _____

ii) Example: _____

4. Explain how the 'FITT' principle can be used to design a fitness program to improve cardiovascular endurance. (8 marks)

a) F (Frequency): _____

b) I (Intensity): _____

c) T (Time): _____

d) T (Type): _____

5. Identify three long-term effects of regular exercise on the skeletal system. (3 marks)

a) _____

b) _____

c) _____

6. During a soccer match, a player suddenly falls and clutches the back of their thigh in pain.

a) Name the type of injury the player has most likely sustained. (1 mark)

b) Outline the immediate first aid procedure you would follow using the R.I.C.E. method. (4 marks)

R - _____

I - _____

C - _____

E - _____

7. Define the term 'goal setting' in a fitness context. (2 marks)

8. A student wants to improve their muscular strength. State one example of a SMART goal they could set for themselves. (4 marks)

S (Specific): _____

M (Measurable): _____

A (Achievable): _____

R (Relevant): _____

T (Time-bound): _____

9. Distinguish between the 'cool-down' and the 'warm-up'. Give one reason for performing a cool-down. (4 marks)

Difference: _____

Reason for Cool-down: _____

10. Name the main energy system used for the following activities: (4 marks)

a) A 100-meter sprint: _____

b) A marathon run: _____

11. Explain how the respiratory system responds to an immediate increase in exercise intensity. (3 marks)

12. State three safety precautions that should be observed in a gymnasium environment. (3 marks)

a) _____

b) _____

c) _____

13. Describe how you would use the 'talk test' to monitor exercise intensity. (2 marks)

14. Apart from improving physical health, list two psychological benefits of participating in regular physical activity. (2 marks)

a) _____

b) _____

15. Define 'balance' as a skill-related component of fitness and provide one sporting example where it is essential. (2 marks)

16. What is the role of carbohydrates in a pre-game meal for an athlete? (2 marks)

17. State four ethical considerations for a sports coach when dealing with young athletes. (4 marks)

- a) _____
- b) _____
- c) _____
- d) _____

SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)

18. Discuss the importance of leading a healthy, active lifestyle beyond just physical appearance. In your answer, address the following:

- a) The impact on mental and social well-being. (6 marks)
- b) The long-term benefits for chronic disease prevention. (6 marks)
- c) The role of physical activity in improving productivity and academic performance. (8 marks)

19. You are tasked with teaching a group of beginners the fundamental skills of a sport of your choice (e.g., basketball, volleyball, swimming).

- a) Name the sport you have chosen. (1 mark)

- b) Describe the key teaching points for three basic skills in that sport. (9 marks)
- c) Explain how you would structure a 60-minute training session for these beginners, including the timing and purpose of each phase. (10 marks)

20. A sedentary teenager has decided to start a fitness program to improve their overall health.

- a) Analyze the potential barriers this individual might face in sticking to their new fitness program. (6 marks)
- b) Suggest practical strategies to overcome each barrier you have identified. (6 marks)
- c) Design a one-week (7-day) progressive workout plan for this individual. The plan should include a variety of activities and state the FITT principle used for each day. (8 marks)

END

PHYSICS GRADE 10

END TERM 1 EXAMINATION 2026

Time: 2½ Hours

NAME.....ADM NO.....

DATE.....SIGN.....

INSTRUCTIONS TO CANDIDATES

1. Answer ALL questions.
2. Show all working clearly where calculations are required.

1.a) Define the following terms:

i) Physics (2 marks)

ii) Physical quantity (2 marks)

iii) SI units (2 marks)

b) State four branches of physics. (4 marks)

c) State the SI units of the following quantities:

i) Length

ii) Mass

iii) Time

iv) Temperature (5 marks)

2.a) Define the following terms.

i) Distance (2 marks)

ii) Speed (2 marks)

iii) Velocity (2 marks)

b) A car travels a distance of 150 km in 3 hours.

i) Calculate its average speed. (4 marks)

ii) Convert the speed into m/s. (4 marks)

c) State two differences between speed and velocity. (4 marks)

d) Sketch a distance–time graph for uniform motion. (2 marks)

3.a) What is force. (2 marks)

b) State four effects of a force. (4 marks)

c) State Newton's First Law of Motion. (3 marks)

d) A force of 20 N acts on a body of mass 5 kg.

i) Calculate the acceleration produced. (4 marks)

ii) State the formula used. (2 marks)

e) Differentiate between mass and weight. (5 marks)

4.a) Define the term pressure. (2 marks)

b) State the formula for calculating pressure. (2 marks)

c) A force of 200 N acts on an area of 4 m^2 .

Calculate the pressure exerted. (4 marks)

d) State three applications of pressure in everyday life. (3 marks)

e) Explain why sharp knives cut more easily than blunt ones. (4 marks)

5.a) Define energy. (2 marks)

b) State three forms of energy. (3 marks)

c) Define kinetic energy. (2 marks)

d) A body of mass 2 kg moves at a velocity of 5 m/s.

Calculate its kinetic energy. (4 marks)

e) State the law of conservation of energy. (4 marks)

6.a) What is meant by the term heat. (2 marks)

b) State three methods of heat transfer. (3 marks)

c) Explain conduction. (3 marks)

d) State two differences between heat and temperature. (4 marks)

e) State two effects of heat on matter. (3 marks)

END