

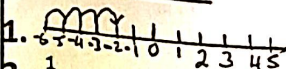
JUNIOR SCHOOL ASSESSMENT TEST

PIONEER MARK
SERIES

GRADE EIGHT -2025

MARKING SCHEME

MATHEMATICS

- 
- $\frac{1}{8}$
- 4.6
- 224 pages
- 0.96
- a) 29.591
b) 36.05
- 8
- 18432, 132849, 756.
- 3080cm^2
- 320K
- 12%
- 19200
- $X = 40^\circ$
 $Y = 70^\circ$
 $Z = 70^\circ$
 $K = 70^\circ$
- Sun- 100°
Mon- 120°
Tue- 60°
Wed- 80°

15.a)

Items	Sh. ct.
Tilapia	600.00
Tomatoes	70.00
onions	100.00
pawpaws	160.00
oranges	150.00
total	1080.00

- b) sh. 1080
c) sh. 420
- 30 m/s
 - 66cm

ENGLISH

Passage answers

- A place where books are kept and made available for use.
- At the entrance
- To make sure no food or drink was taken into the library.
- At the issue desk.
- It used a digital system / the system used an electrical gadget.
- Books are borrowed on short-term / hourly basis
- Engineering, English, Geography, History, Journalism, Literature, Mathematics, psychology, science, sociology
- On the various floors
- To use the library
- To avoid spillage and destruction of the reading materials
- A visit to the university library and any other relevant answer

Oral literature answer

- Long time ago.....
- This is the end of the story
- My work will be guarding the maize from the birds and you will do the planting and weeding
 - He works like a tractor.
 - "Oh yes we can plant a lot of food, harvest it and sell it to other" Hyena said.
- Any relevant answer that is not negated.

Poetry

- Eight
- Me- be, day- way
- They are happy with each other
They treat each other well.
- Edgar guest
- A friend
- A friend's greeting
- Friendship (the learner should explain)

GRAMMAR

- a) The men-of-war were summoned by their captains
b) Grace told her daughters-in-law to cook
- a) is b) Go
- a) outside b) excitedly
c) Weekly d) Carefully
- a) Older b) best
- a) him b) he c) his
- a) and b) or

KISWAHILI

- Elimu ni ufunguo wa Maisha
- Anayeitumia kwa ufasaha
- Anayeitumia kwa nidhamu, hekima na heshima
- B
- D
- C
- Nguo, magwanda
- Ni muhimu
- Mbili
- A
- Elimu
-Elimu mwafaka
- Milaka kumi
- Ukeketaji, kutahiri wanawake.
- Kukomesha ukeketaji
- wanawake wakaacha kutahiriwa
- Uchochole -Ukata
- umaskini
- D
- B
- A
- C
- A
- D
- a) Nyinyi
b) Sisi
- a) wote b) Lenyewe
- a) Mimi hulima
b) Wewe hula
- a) Jua limechomoza
b) Upepo umezalisha kawi.
- a) Daktari atakuwa amewahudumia wanganjwa
b) Mvuvi alikuwa amefika sokoni gari lilipowasili.

FASIHI (al.10)

- Maudhui yanayojitokeza katika kifungu bi yale ya-
i) Ufukara - Maisha ya Gera yalizidi kuwa magumu kila siku...
- Tullishi kwa nyumba moja...
ii) Chuki- Tullishi kwa nyumba moja bila kupendana wala kuwa na ushirikiano wowote
b) Wahusika
-Musambale - Deno
c) Mandhari
- Gera
- Vipengele vinavyozingatia katika uwasilishaji wa mighani.
i) Kutumia lugha kulingana na hadhira
ii) Kuwahusisha hadhira kwa kuwauliza maswali.
iii) Kutumia viziada lugha kama vile ishara za uso
- Sifa za mighani
a) Majagina huwa na uwezo usiokuwa wa kawaida
b) Majagina husalitiwa na watu wa karibu.
c) Mashujaa huwa na maumbile yasiyo ya kawaida
d) Mashujaa hutetea maslahi ya wanyonge
- Tamthilia ni utanzu wa fasihi andishi uliotungwa kwa lugha ya majibizano baina ya wahusika
- Sifa za visasili
I. Visasili aghalabu huhusisha miungu au hata malaika
II. Husimulia matokeo ya mwanzoni
III. Hueleza chimbuko la jamli Fulani

INTEGRATED SCIENCE

1. A) homogenous mixture is a mixture whose components are evenly distributed while a heterogeneous mixture is a mixture whose components are not evenly distributed
B) Heterogeneous
2. Diffusion is the movement of particles from their region of high concentration to a region where they are less concentrated
3. -Gold is used to make medals
- Gold is used to make jewelry
4. A) fire triangle
B) fuel, heat
5. Cu
C
He
6. Making candles
- Making ice cream and ice cubes
- Drying of clothes
- Use of mothballs
- Melting of snow on roads
7. It produces a lot of heat
- It does not produce soot
8. A) corrosive
- B) oxidizing
9. Volume = length x width x height
 $0.08m \times 0.05m \times 0.06 = 0.00024m^3$

10. of fire	Class	cause
D		Flammable metals
A		Ordinary combustion materials
F or K		Hot cooking oils in pans and deep fat fryers
B		Flammable liquids

11. Never put your finger or metallic object in an electric socket.
- do not connect too many appliances to one socket.
- Ensure there are no cables on pathways
- Never touch an electrical appliance with wet hands
12. A) W eye piece
X arm
Z base
B) condenser-It concentrates light onto the stage

Indicator	Colour in acidic solutions	Colour in basic solution
Litmus	red	blue
Phenolphthalein	colourless	pink
Methyl orange	pink	yellow

- 13.
14. Going for regular kidney checks ups
- Controlling our blood pressure
- Managing blood sugar levels
- Exercising regularly
15. A) Temporary physical change
B) temporary chemical change
C) permanent change
D) permanent change
16. A) attraction force
B) repulsion force
17. An element is pure substance that cannot be broken into a simpler substance by any chemical means.

PRE-TECHNICAL STUDIES

1. C 2. D 3. A 4. B 5. C 6. B 7. C 8. D 9. B 10. C
- SECTION B
11. I) Refers to raw facts such as numbers, symbols, images and letters that are not processed and have no meaning to the user.
II) Are any potential dangers to information stored in an electronic device or computer system.
III) Is protecting personal information unauthorized access

Technical drawing	
Provide accurate measurement of an object to scale	Express one's ideas, to give pleasing appearances to a surface
Drawings are presented on a convenient	The artistic drawing are done on any material sizes
Drawing must be precise and accurate in dimension	Drawing need not and do not obey the rules of dimensions, shape or proportion
Drawings do not take care of feelings or sentiments of a person	Drawings involves expression of feeling and sentiments

13. _____ Construction line
_____ Centre line
----- Hidden line
_____ Break line
14. - Oral / verbal communication channels
- Written communication channels
- Audio-visual communication channels
15. - Transparency
- Safety
- Social and environmental responsibility
- Fairness
- Product quality

16. a) Money is anything which is generally accepted as a medium of exchange.
b) - Money serves as a medium of exchange.
- Money serves as a store of value
- Money serves as a unit of account
- Money serves as a means of transfer of immovable properties.
17. a) Perishable goods - Go bad unless using very facilities
Durable goods - Are goods that are used for a long period of time for example radio.
b) - public goods - Are goods that are enjoyed by all citizens like roads, airport and churches.
- Private goods - Are goods owned by individuals such as personal cars, private schools etc.
18. - Volume of data to be input
- Accuracy of the input devices
- Type of data to be input
- Availability of space for the input device
- Cost of the input device
- compatibility
- User needs
19.

Ferrous metals	Non-ferrous metals
Highly attractive to metals	Not attracted to magnets
Good conductors of heat	Poor conductors of heat
Have a silvery appearance and less colourful	Have a more colourful appearance
20. It equips learners to skills to use when observing safety in working environment
Promotes independence and self learning through various skills enhancing chances of creating employment opportunities.
Offers a range of careers in pretechnical are such as in safety and material handling.

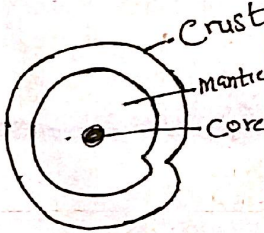
AGRICULTURE AND NUTRITION

1. I) Soil conservation measures refers to a combination or practices done or taken to prevent the loss of soil through erosion
 II) To keep top soil in its place
 To maintain fertility in the soil
 To maintain soil productivity
2. - Surface runoffs
 - rain water
3. - Underground water tanks
 - Elevated water tanks
 - surface water tanks
4. - For environmental conservations
 - Source of food for human and animals
 - Attracts rain
5. - Animals should be provided with clean feeders
 - Provide animals with clean water
 - Clean animals' houses
 - Ensure animals are clean to avoid the spread of parasites and diseases
6. - When cutting using a pair of scissors
 - Keep fingers away from blades
 - Do not cut the yarn using your teeth
 - Store all knitting materials and tools properly after use.
7. - Drop in crop pasture yields
 - Financial loss
 - Destruction of farm structures and buildings
 - Difficulty in using farm machinery
8. - strip cropping
 - Grassed waterways
 - Stone lines
 - Trash lines
 - Soil bunds
9. -Thorny fences

- safe traps
 - Innovative lights
 - Sound deflectors
10. - To get fruits and vegetables when they are out of season.
 - To retain their flavour and taste
 - To avoid buying fruits and vegetables
 11. - Ensure birds are provided with clean water daily
 - Moving the fold to new sites regularly for the birds to feed on fresh vegetables
 - Ensure hygiene in poultry fold
 - Provide shelter from rain.
 - secure the birds by constructing strong folds
 12. - Punctured leaves
 - Curly leaves
 - Cut-off seedlings
 13. - To produce safe, fresh food that is accessible to the family
 - Generate income
 - Increase food production
 - some forms kitchen gardening e.g. by use of recycled plastic materials
 - Steady supply of nutritious food
 14. - scaling, gutting, Cleaning
 - Salting
 - Deep frying incase of immediate consumption
 15. - Ensure the poster is written in capital letters
 - It is attractive
 - Ensure clear message to the community
 - should be framed
 16. - To increase shelf life of crop produce
 - To improve the quality of crop produce
 - To increase the quality of crop produce
 - To increase the market value
 - For easier transportation

SOCIAL STUDIES

1. - History
 - Geography
 - Citizenship
2. - Family backgrounds
 - Media influence
 - Peer pressure
 - Physical appearance
 - Performance in school
3. - Need and clear
 - Should have a compass
 - Should have a frame
 - should have key
4.



The diagram shows a cross-section of the Earth. It is a circle with a smaller circle inside. The outermost layer is labeled 'Crust', the middle layer is labeled 'Mantle', and the innermost layer is labeled 'Core'.
5. - Should be away from tall buildings
 - Free from flooding
 - Should be gently sloping
6. - Availability of deep harbours at the coast
 - Political stability
 - Boat making technology
 - presence of monsoon winds.
7. - Observation
 - Interview
 - Questionares
 - Measurements

- Taking photographs
8. Constitution is a set of rules that govern a country
 9. - Direct democracy
 - Indirect democracy
 10. Evolution is a gradual change in an organism from simple to complex form.
 11. - Mutation
 - Natural selection
 - Adaptation
 12. - Chinese
 - Persians
 - Egyptians
 - Romans
 13. Migration is the movement of people from one place to another.
 14. - Respect
 - Love
 - Loyalty
 15. A. a) Tropic of cancer
 b) Equator
 c) Tropic of capricorn
 B) a) Somalia
 b) Kenya
 c) Uganda
 d) DRC Congo
 e) Gabon
 C) Z- Madagascar
 M- Atlantic Ocean

CREATIVE ARTS

1. a) creative arts is a description of various artistic activities that allow performers to use their imagination, creativity and express ideas through a variety of media to pass a message to the audience.
- b) create a sense of identity
 - promote cohesion
 - through teamwork
 - preserve culture
 - inspires creativity, talents and abilities
2. theme – it's the main idea /lesson to be learnt
 - character – the person taking part in a play
 - plot – the sequence of events within a play
 - settings – time and place in which the story takes place
 - language – the speech /style of writing
3. Mark appropriately
4. – Making a quick movement in a direction different from the one intended to move away from the defender.
 - technique used by a team that is not in possession of the ball to prevent the opponent from receiving a pass
 - the act of turning around while one foot is grounded (landing foot) to allow the player to pass or shoot the ball.
5. i) develops balance after landing
- ii) helps a player turn away from the defender
- iii) helps one to locate

team mates, who may be

5. Inside of the foot
- outside of the foot
- wall pass
- Instep



3. Approach
 - take off
 - wall pass
 - flight
 - landing
9. A) Dominance proportion
 - b) Montage, collage, sculpture, pottery
10. A) process and result of making composite photographs by cutting, gluing, rearranging and overlapping 2 or more photographs to a new image
 - b) Emphasis on shape
 - use of pictures
 - superimposition
11. 2D has length and width while 3D has length, width, and height.
12. Primary colours – Red, yellow, green
 - secondary colours – orange, green, purple
 - tertiary colours – red, orange, yellow
13. Hue
 - Intensity
 - value

G.R.E

1. Supporting one another during happy and difficult times.
 - Living peacefully and harmoniously.
 - Helping each other in development of good character.
 - Appreciating each other regardless of their religion, race, gender, ethnicity.
 - Encouraging one another to grow spiritually and morally.
2. Encouraging Israelites not to be afraid of Egyptians.
 - Assuring people of Israel that God would fight for them.
 - Guiding the Israelites through the crossing of the red sea
 - Providing people with water to drink.
 - Preparing Joshua to succeed him as a leader.
 - Mediating between God and Israelites.
3. TikTok, Snapchat, Facebook, Instagram, X(twitter)
4. They can kidnap, rape or kill us
 - They can introduce antisocial behaviors e.g cyberbullying
 - They can introduce us drug and substance abuse
 - Can convince us to drop out of school
 - Can introduce us to ungodly groups
 - Can lead us to steal from our parents
5. Historical
 - Prophetic
 - Acts of apostles
 - Revelation
6. Self-awareness
 - Self esteem
 - Assertiveness
 - Decision making
 - Critical thinking and problem solving
 - Self-control
7. It refers to reconciliation of human kind to God
8. God hooked for man when he ran to hide
 - God made clothes for Adam and eve
 - God gave human beings power to crush the snake
 - God provided Adam and eve the knowledge to get food
 - God sent his only son to die for sake of humankind.
 - 9. Feeding the hungry
 - Clothing the naked
 - Giving shelter to homeless
 - Visiting the sick
 - Visiting the imprisoned
 - Donating resources like food to the needy
 - 10. Abraham Obeyed God and moved from Haran to Canaan
 - Abraham believed in promises God made to him
 - Abraham built two altars for God
 - Abraham dropped familiar worship of moon gods to the true God
 - He was willing to sacrifice his only son
 - He agreed to change his name from Abram to Abraham, Sarai to Sarah.
 - 11. Baptism
 - Marriage
 - Peace treaty
 - Trade agreement
 - Employment contract
 - 12. Abraham's father was called Terah, Abram, had two brothers called Nahor and Haran. Haran had a son called Lot. They all lived in Ur. Terah took his whole family and planned to go to Canaan but settled in Haran. Terah died there, later God called Abram and commanded him to leave his father home and go to a land that God would show him.
 - 13. Denying God
 - Breaking ten commandments
 - Shedding of blood
 - Involve human sacrifice
 - Involve doing immoral acts.