

DISTINCTION SCHOOL BASED ASSESSMENT TEST

JUNIOR SECONDARY SCHOOL

GRADE SEVEN- 2023

MARKING SCHEME

7

PREMIER



MATHEMATICS

1. SH 808 PPO
2. SH 955 PPO
3. $\frac{3}{14} \frac{5}{8} \frac{5}{7} \frac{3}{4}$
4. 25
5. (To be measured)
6. (To be measured)
7. 4,322 People
8. 2,000
9. 35 KM 274 M
10. 85, 373 Iron sheets
11. 2,679
12. 75.15
13. SH. 33,804
14. Isosceles triangle
15. 14M
16. 20KM 66M
17. Home to school via the church; 1Km 350M
18. 15 Oranges
19. 75%
20. 95m²
21. $2 \frac{11}{12}$
22. 57cm 6 mm
23. 66 CM
24. 74 %
25. 144 Quarters
26. 64°
27. 8.42 AM
28. 80 Pupils
29. 17 Books
30. 0.051, 0.601, 0.612, 0.619
31. SH. 4620
32. Fifteen mins to ten / a quarter to ten
33. 11.15
34. 4Weeks 5Days
5. 270
6. 49
7. 180 cm²
8. 10,000ML
9. 7,000
0. 24
1. 985,322
2. 779 CTS
1. 5 NOTES
1. SH. 3600
1. SH. 16,050
1. XXXIX
- 7 Trips
- 126 People
- 60 Cubes
- 2x + 12 = 39

ENGLISH

- A sense of reward.
- Lateness
- You become frustrated and may end up frustrating others.
- Retrenched.
- says sorry for the wrong he or she has done
- Integrity and work ethics.
- The cow being milked had no tethered hind legs.
- know whether the livestock is healthy and productive.
- Taking good care of animals, foal
- Veterinary medicine.

12. Helping on the farm
13. need our love and understanding.
14. Because tomorrow it could be you.
15. Anyone can become a victim if not cautious.
16. Sharing meals with them
Sharing a hearty laugh with them
Shaking hands with them
17. to control something and prevent it from causing you problems.
18. Staying sexually pure.
Never share sharp objects.
Never engaging in premarital sex.
19. They realized that too much idleness could breed disaster in their conduct.
20. help decorate our home with flowers.
create flowerpots from old jerricans and discarded buckets
21. They played table tennis
22. going for a slow relaxed and leisurely walk.
23. to learn how to draw using the computer
24. They are good for health and recreation.
25. lives
26. gets up
27. once
28. by
29. always
30. looked up
31. looked down upon
32. look back
33. look up to
34. looking after
35. past
36. has done
37. patience
38. doesn't he
39. does he
40. reliable
41. I ought to begin a sentence with a capital letter.
42. proud/vain/conceited
43. proper/concrete
44. proper/common
45. among
46. at
47. of
48. pianos/rooms/chiefs
49. My three-year-old brother plays hockey very well.
50. "I arrived a few minutes late," said Omar.

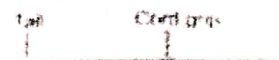
KISWAHILI

1. hudā kuwa maisha yao yalikuwa bora sana
2. maendeleo yaliyolalwa na teknolojia
3. utabibu, zaraa, usafiri
4. iliwafaa wanajamii katika mawasiliano
5. kuna dawa za kisasa, huduma za matibabu zinapatikana karibu
6. yaliionda polepole kama kobe
7. inadhahirika kwa kuwa teknolojia ina falda nyingi na vilavilo madhara au hasara zake
8. mavazi, kuongea na kuhusiana(kulagusana)
9. kufanya jambo la kuhatarisha au kujilingiza katika hatari
10. maoni yake ni kuwa teknolojia itumiwa kwa uangalifu

11. mada yoyote inayofaa kama vile teknolojia ya kisasa, madhara na falda za teknolojia na kadhakka
12. Ufupisho unafaa kurejelea moja kuu katika kila nya. Moja hizo zotezwe kwa sentensi moja moja ili kuondoa ya moja yoyote mufiriko kutokana na matumizi ya alama za kuakifisha na vkinganishi vinavyofaa.
13. B
14. C
15. B
16. D
17. B
18. A
19. D
20. B
21. A
22. D
23. A
24. C
25. kiwakilishi, kivumishi
26. methali ya ushirikiano kama vile umoja ni nguvu, utengano ni udhifu
27. nomino za kawaida/jumla, nomino za wingiifungamano
28. sentensi sahihi inayochiharisha kuwa kunja jama ni kumaliza kazi
29. maradh - YA YA, udongo - U U
30. methali ya biija kama vile mchumia juani hukia kivulini
31. Nyumbani huku ndiko kwenye wageni. Nyumbani humu ndimo mwenye wageni.
Nyumbani hapa ndipo penye wageni.
Nyumba hii ndiyo yenye wageni.
32. lathatha
33. sentensi yoyote kisawo cha pesa kama vile fulusi, ngwenjo, darahima na kadhakka
34. Madaktari walikunywa chai kisha wakaenda kuona kuta zao.
35. polekana, juza/juvya/julisha
36. kipupwo
37. tathmini usahihi wa sentensi
38. tathmini usahihi wa sentensi
39. tathmini usahihi wa sentensi iliyotumia kitenzi lia
40. Mzee mdogo ameuza koo mweusi.
41. U - kupigia mstari, B - chapa koza
42. sentensi katika hali ya masharti kama vile ki-inge/ngali
43. figo, nso au buki
44. Makazi yamejengewa ukuta unaopendeza.
45. Utingeanza safari mapema usingefika kwa wakati.
46. babaika, babu, bambua, baraza
47. Guu la gamia liliumizwa na jithwe hilo.
48. tathmini usahihi wa sentensi
49. tathmini usahihi wa sentensi
50. yeye ni kobe

PHYSICAL EDUCATION & SPORTS

1. a) chest pass, overhead pass
b) flick, side, back passes
c) jump pass
2. This is when a player is landing, stepping or pivoting while with the ball.
3. Bunch start - the toes of the rear foot are level with the heel of the front foot.
Elongated start - the knee of the rear leg is level with the heel of the front foot
4. Involves the incoming athlete passing the baton upward into the receiving hand.
5. Marks the minimum height that the high jumper must clear



1. walk the implements back
2. keep the racket clear
3. never assume everyone is watching
4. Keeping out left foot, serving right leg forward
5. Feet further down from the toes
6. Slightly padded areas under the feet
7. Feet further down from the toes
8. Ducting in netball
9. Assess a well drawn illustration
10. a) love, honesty, integrity
11. b) family responsibility
12. c) social justice, respect of peace
13. a) hand touch b) squat thrust
14. c) block tackle d) chain tackle
15. Receiving a volleyball ball with the hand
16. Overhead serve
17. Conditioned or a game that does not adhere to the volleyball rules
18. It is faster and powerful
19. a) warm-up, observing rules and regulation
20. a) "on your marks!"
21. b) "set!"
22. c) "go"
23. - It prevents opposing team scoring
24. - Provides defensive skills in games
25. The action of leading a group of people
- Flick pass drill, lob pass drill
- Chest pass drill, bounce pass drill
25. False

HEALTH EDUCATION

1. It refers to the general condition of ones body. It could be physical, mental or social
2. It is the process of providing or obtaining the food necessary for a healthy growth
3. - Eating healthy, well cleaned and properly cooked food
- Cleaning the environment around school or at home
4. It is learning about a habit, interaction and decision related to healthy behavior living and planning for the future
5. Maize plant, Banana plant
6. Milk, meat, eggs, mutton
7. Kwashiorkor, marasmus, rickets, goitre, anaemia
8. It is caused by lack of or insufficient intake of proteins
9. Washing of hands
10. It helps to keep away germs that may cause illness through contamination
11. A doctor
12. Assess
13. Assess
14. A healthy diet ensures one has a healthy body to be able to carry out their daily activities
15. Micronutrients, Macronutrients
16. Carbohydrates, minerals, proteins, vitamins
17. Macronutrients are need in large amounts in the body while micronutrients are need in small amount in the body
18. Carbohydrates, proteins, fats and oils
19. A- bread, B- chicken, C- cabbage, D- banana

20. A. carbohydrates B. proteins
- C. vitamins
- D. minerals and others
21. A. linked, B. chicken
22. Provides information of healthy living habits and behavior
23. Nutritionist, dietitian, nurse, physical education teacher and sports teacher, community workers, psychologist
24. a) provides information on healthy eating habits
- b) take care of patients admitted in hospitals as they undergo treatment
- c) trained to diagnose and treat diseases
25. Constipation

BUSINESS STUDIES

1. Business is any activity that is carried out by any individual or an organization concerning provision of goods and services with a view of making profit
2. It is someone who runs a business
3. Business teacher, a financial advisor, an entrepreneur, a banker
4. - By spending less money
- By not buying things you do not need
- By making a budget
5. Consumer
6. Passing exams, helping parents with chores, assess responses
7. By displaying them during talent shows, assess any others
8. To make money, to provide services to community
9. Supermarket, kiosk, market, assess any other
10. By joining clubs, by going to school events that promote certain activities
- By practicing the talents, assess
11. It helps one to acquire goods, it helps one to acquire services
12. These are the things human beings strive to get but they do not really require
13. These are the things human beings require on day to day
14. This is a physical commodity that is tangible
15. This is an action
16. There is less conflict, buyers are able to get what they asked for
17. Information and communication technology
18. Through taxes, through licenses, through registration
19. This is a place buyers and sellers meet to exchange goods and services with money, this is also the people who are consumers
20. Money required by the government from individuals and business
21. Kenya Revenue Authority
22. People are unable to understand each other during conversation
23. Agriculture, president, tourism, signature, people, animals, assess
24. Animals, president, the value of currency in numbers, the value of currency in words
25. Assess

PRE-TECHNICAL STUDIES

1. Slippery floors, playing with chemicals, assess
2. Burns, bruises, scalds, cuts, assess
3. These are materials made of opaque materials and are good conductor of heat and electricity
4. Clay pots, clothes
5. Metals can rust while non-metal can not, metal are good conductor of heat while non-metal are not.
6. Being exposed to heat, fire, hot surfaces or hot foods or hot drinks

7. Panga, lock punch, assess others
8. Spanner, hammer, assess other
9. Sun, food coat, assess others
10. Assess response close to fat acid
11. Fainting
12. ultra radio assess
13. They would get sick
14. Burns, scalds
15. Police, firefighters, assess
16. They use rulers to measure and pencil to make marks
17. You clean and put it in a shed
18. Non-renewable energy such as oil
19. Solar wind, bio - energy, sun, wind
20. A person skilled in cutting, dressing and laying stones in building
21. Hardware store owner, assess
22. Ensure you point tools away from each other, do not stand close to each other
23. Architect, engineers, assess
24. Tailors, carpenters, assess
25. It would turn brown (rust)

INTEGRATED SCIENCE

1. a) Due to expansion of wire as a result of heat
- b) to avoid breakages during contraction
2. a) nitrogen, vapor
- b) oxygen
- c) carbon (iv) oxide
3. They act as insulator hence does not lose heat from the body
4. Prevent back flow of blood
5. Assess
6. Spreadsheet
7. a) manufacture of fertilizer, farm-tools and equipment, machines and chemicals
- b) Invention of phones, internet and computers has enabled communication
- c) Promote manufacture vehicles and machines for transport
- 8.

R	K	E	Y	B	O	A	R	D
S	O	M	E	H	O	W	L	G
E	G	T	T	H	E	N	A	N
L	I	A	N	I	T	S	I	P
B	M	O	U	N	U	C	T	D
A	E	P	I	C	O	E	O	O
C	P	U	T	O	M	M	P	C

9. Due to difference shape
10. a) laboratory technician
- b) nurse, assess others
11. Deposit/deliver semen in the birth canal
12. Transparent to opaque
13. a) Bunsen burner
- b) stove
- c) candle
14. Transport blood under high pressure and furthest
15. a) to prevent burns
- b) to prevent explosion
- c) to prevent wasting fuel to avoid burning as a result of accident
16. Pneumonia
17. To allow light to pass through
18. To allow air to escape/ to act as ventilation
19. Reusing
20. Assess
21. a) Chemistry
- b) Biology
- c) Physics
22. a) Inhalation of harmful substance
- b) Burns c) Cuts
23. Flammables, toxic chemicals
24. a) ladder, b) stairs
- c) ramp
25. Taproot

7. A person who follows the teaching of Jesus Christ and beliefs of Christianity
8. The bible
9. Not sharing personal information on social media
Using social media for the right purpose of adding values to our life
10. Pastoral work, counselling psychologist
11. They will have a long life
12. Love, goodness, kindness
13. Responsibility, love, respect, integrity
14. Peer pressure, lack of self control and other values
15. Respect, self-control, love, responsibility
16. Early pregnancies, contracting sexually transmitted diseases
17. Love, kindness, goodness
18. Patience
19. It is the use of social media to harm others
20. Assess

ISLAMIC RELIGIOUS EDUCATION

1. Oneness of Allah (S.W.T)
2. Four
3. Because he is eternal
4. The day of judgement
5. Good deeds
6. They will be scattered like moths
7. Five
8. The bounties of Allah (S.W.T)
9. He is likely to forget worship Allah (S.W.T)
10. He was a sculptor
11. He had broken idols
12. Seven years
13. Say a Dua
14. Fear
15. a) Give you protection
b) Reward you
16. Corruption
17. bad
18. a) passing tough laws
b) Following the Quran and Sunnah
19. a) Slaves
b) Women
20. a) Quran
b) Sunnah

HOME SCIENCE GRADE

1. The knowledge and skills gained in Home Science can help one start income generating activities such as shoe shining, laundry work, tailoring repairs, cake making and decoration and clothes making.
 2. Chef, Air hostess, Laundry worker, Community health worker, Fashion designer, Waiter, Nutritionist, dietician
 3. i) Choose fresh foods that are not over-ripe, bruised, cut, dry or withered
ii) Wash vegetables under running water before cutting.
iii) Cut vegetables into relatively large, evenly sized pieces to reduce exposure of vitamins to water or air
 4. i) Reduce the amount of water used in cooking.
ii) Reduce the cooking time.
iii) Reduce the surface area of the food that is exposed.
 5. a) This is the combination of foods that have different nutrients during preparation and cooking so as to improve their nutritive value.
b) This is the practice of adding food nutrients into a given food during processing to increase their nutritive value.
 6. i) Wear safety clothing
ii) Use appropriate cooking utensils.
7. Small kitchen tools and equipment refers to kitchen items which occupy small space in storage.
 8. A. Rolling board and rolling pin
B. Kitchen analog weighing scale
 9. A. Shaping and moulding dough before baking
B. Weighing various cooking ingredients in the kitchen.
 10. i) Increase in body size.
ii) Grows hair under the armpits and around private parts.
iii) Pimples or acne start to appear.
 11. i) It improved the functioning of the body's
ii) It provides the muscles with enough oxygen and energy as one exercises.
iii) It help control weight.
 12. Umbrella, caps, belts, scarfs, bag packs, sun glasses, track suits
 13.

Cause
High blood sugar
Being overweight, eating too much salt, lack of exercising, drinking too much alcohol, smoking
Cold, dust, pollen grains
 14. Helps one to:
a) track expenses.
b) control spending.
c) save more money.
d) reduce wastage of resources.
 15. a) Goitre
b) Anaemia
 16. a) To prevent it from going bad.
b) To avoid wastage.
c) To make it easier to transport.
 17. a) To ensure that they do not go bad.
b) To avoid food poisoning resulting from contamination by germs.
c) To make it easier to transport.
d) To avoid wastage.
e) To save money by ensuring a constant supply of fruits.
 18. i) Cost of the food
ii) Foods in (or out of) the season
iii) Availability of the food
iv) Time available for cooking
 19. A. Pin cushion
B. Thimble
 20. i) Exercise your hands.
ii) Sit upright.
iv) Position your yarn correctly for maximum tension.
v) Take frequent breaks.
vi) Be careful while crocheting.
 21. Apply ice cubes or very cold water, grease solvent like turpentine or kerosene to the area where the gum has stuck.
 22. a) Sweeping: Floor
b) Wiping: Table, kitchen working area, window panes, furniture
 23. a) People get malaria by being bitten by an infective female Anopheles mosquito
b) Clearing bushes, cutting grasses and draining stagnant water and any other breeding places
 24. Deep frying is a method of cooking where food is cooked by dipping it in hot or boiling fat.
Dry fat frying is a method of cooking food in its own fat in a lightly greased pan or in a shallow pan.
 25. A. Salt stitch
B. Chain stitch

Visual Arts

1. A. Applied Arts
B. Visual Arts
2. Architecture, Advertising, Computer graphics, Education, Fashion, Fine arts, Curator, Photography, Publishing, Art therapy, Cake decoration, Courtroom sketch artists, Caricature, Event planning, Food stylist, Industrial product designer, Interior design, Police sketch artist
3. 2D arts have two dimensions length and width while 3D arts are free standing and have length, width and height.
4. It is a type of linear perspective where projected lines meet at one vanishing point on the horizon.
5. Horizon, Vanishing point, Eye view
6. Creates the illusion of distance and depth
7. i) Ensure that the forms are geometrical such as cube or cuboid shaped.
ii) The forms should be arranged to create overlaps.
8. i) capture the correct shape and forms of the objects
ii) capture the objects in normal eye-view.
9. By using more dots that are close together.
10. Montage is using pictures or images that relate to each other to create a single work of art.
Collage is an artistic composition made of various materials glued on a surface.
11. The coil and stitch technique in basketry involves the use of one long fiber or coil that is wrapped around other fibers and stitched in place.
12. Slab technique
13. i) Straight line pattern
ii) Zigzag line pattern
iii) Wavy line pattern
14. Carving
15. a) Stencil
b) Stencil printing
16. a) This is a collection of crafts made using cards or papers
17. By flipping the frames at high or low speed to create a feeling of movement
18. a) This is the part behind the main object being photographed.
b) This is the most outstanding part of the object in a photograph.
c) This is achieved by adjusting the lens of a camera on the object to be photographed.
19. i) They are artistic
20. a) Cross hatching
b) By drawing the hatching lines closer together
21. Crayon etching
22. a) Red violet
b) Green
c) Yellow green
23. a) X. Plain technique)
Y. Twine technique
b) Table mats
Floor mats
24. Smoking
Polishing
Texturing
Burning
25. i) Contains information about the contents in the book
ii) Has attractive images related to the book

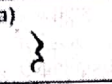
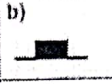

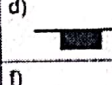

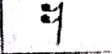
AGRICULTURE

- It is the carrying away of the top layer of soil by the agents of erosion such as water and wind
- Gully erosion Sheet erosion
Rill erosion Splash erosion
- It is the contamination of soil with harmful substances that affect the organism that are in or around soil
- Soil recovery is the process of collecting eroded soil from the areas it is deposited
- River bank, Trenches
End of a gully, Road side
- Cleaning after use
Using them for the right purpose
- Jembe, folk jembe, wheelbarrow
- It can be used in the areas where there is limited space
- Building gabions, using cover crops, mulching, contour farming
- Wear protective gear when handling gardening tools and equipment
- Use each tool for its purpose
- Excessive use of fertilizers, plastic waste, use of artificial fertilizers
- Watering, mulching, assess
- Warm weather
- Managu, spinach, kales
- Moisture feeds allow availability of sufficient water for crops longer after watering hence prevent dryness
- Seeds, pebbles, assess
- Peat-moss, pebbles, assess
- It is the establishment of various plants for aesthetic value
- Using organic fertilizers
- Using organic ways of controlling pests and disease
- Excessive use of fertilizers, assess
- The practice of using available water efficiently to avoid wastage
- Through mulching
Through the use of drip irrigation
- It makes water or moisture used in farming available for a longer period of time
- Raised seed beds, sunken beds
- Training, mulching, weeding, watering

PERFORMING ARTS

- They are played by shaking, or hitting them
- a) crotchet b) quaver
c) semiquaver d) semibreve
e) semibreve f) dotted minim
- In a two beat pattern, the strong beat appears after
- Music, film, elocution, dance, drama
- piano, descant recorder, assess
- CDEFGABC
- The person speaking in the poem
- A person who write poem
- Using correct facial expression
- using the right gesture, assess
- Poverty, education, peace, assess
- Dialogue is a conversation between two or more people about a topic
- They help to support the setting for example in a hospital, assess others
- This is a movable object used to accompany a performance
- Is it easy to perform
Is it memorable
Do the notes leap along distance.
Assess others
- This is the flow of a story from beginning to the end
- The costumer
The choreography
The song if it is appropriate
- By wiping it with a clean cloth, assess

- These are directions that helps singers to control their dynamics, tempo, while they sing
- They are eloquent
They use appropriate facial expression
- An actor is a person who play a role in drama
- A character is a fictious person represent in a storyline in drama
- Through entertainment
- Got to appreciate different culture
- Assess others
- A set of five horizontal lines and four spaces that each represent a different musical pitch
- A poem set to music with recurring pattern of both rhyme and meter
- D# F# A

a) 	b) 
c) 	d) 
e) 	f) 

COMPUTER SCIENCE

- An electronic device used for storing and processing data
- a) An electronic device used for storing and processing data
b) facts and statistics collected together for reference or analysis
c) It is the processed data that is used for communication
- a) Server
b) Smartwatch
- Versatility
- a) Transistor
b) Integrated circuit
- a) Input
b) Process
c) Output
- a) Laptop, smart watch, desktop computer
b) they perform computing activities
- Calculator is speedy and easy to use
- Storing personal information
- Calculating and keeping home budgets
- Sending and receiving information
- Record keeping and processing of documents
- a) Abacus
b) Mechanical era
c) Performing basic operations of numbers
d) modern calculator
- Fifth generation
- Human labour has been replaced
- | |
|-------------------|
| Printer |
| Modern calculator |
| Scanner |
- Microsoft excel - Microsoft word
- (1) Select the text to edit
(2) Left click the drop-down arrow next to the font style box on the home tab
(3) Move your cursor over the various font styles
(4) Left-click the font style of your choice
- Assess the learner's steps of saving the document

- a) place cursor to the text you want to delete
b) press backspace key to delete to the left of the cursor
c) Press delete key to delete text to right of the cursor

19

The main working area where sprite moves
Graphic character that perform actions
Displays sprites in your project

- We give instruction to the sprite
- Adding text, coloring text, deleting text
- Changing sizes of column and rows
- Text icon
- Coloring text in a cell
-
- Performing basic operations such as addition, division
- Should not open unfamiliar sites

SOCIAL STUDIES

- Law, teaching, architect, cartography
- It helps us to appreciate our culture and that of others
- Drawing and selling maps
- Entrepreneur
- Architecture
- Stereotyping
- Seek career guidance from people with experience
- Boys and girls have equal chances in career choices
- We plant trees, clean surrounding and use resources responsibly
- It is the awareness of being a male or female
- It promotes social cohesion
- We learn to take care of our environment
- a) Sharing class responsibilities equally
b) Participate in activities that equally value all genders
- Observing favorable weather and climate to grow crops and rear animals for local and international market
- Body physique should not prevent us from persuading careers of our interest
- South
- Nairobi
- Unity working in groups
- Doctor earns salary/income
Patient gets treatment
- It is sparsely populated since it is restricted by government
- School/routine
- Planting trees, disposing off waste properly
- Licence, business permit
- Leather industry, processing industry
- a) Sharing what we have such as learning materials
b) performing school activities
c) cleaning the environment

CHRISTIAN RELIGIOUS EDUCATION

- It is learning area that teaches Christians beliefs, value and moral
- Love, respect, generosity, accountability, responsibility, integrity
- Impact us with spiritual knowledge
- It promotes national unity enabling one know that we are all equal before God
- Self-respect, self-worth, self-awareness, equity, equality
- Facebook, tiktok, instagram, twitter
- Reporting cyber-bulies
- Not sharing harmful information on social media