

### SCHOOL BASED ASSESSMENT

# GRADE 8 JUNIOR SCHOOL

## MARKING SCHEME

### **YEAR 2024**

JS2402

#### MATHS

- 1. a)16008029 Sixteen million eight thousand and twenty nine.
  - b) 16,008,029
- 2. a) -2, -1, 0, 2
  - b) Positive 0, 2
  - Negative -1, -2
  - c)  $-2.0 + 8^{\circ}c = +6^{\circ}c$





- 4. a) -6+7-3
  - **b)** -6+7-3=+1-3=-2

**5. a)** 
$$10\frac{1}{2} - 13\frac{5}{8} + 6\frac{7}{4}$$
  
=  $10\frac{1}{2} + 6\frac{1}{4} - 13\frac{5}{8}$ 

$$=16^{\frac{3}{2}}-13^{\frac{5}{2}}-3^{\frac{1}{2}}$$

**b)** 
$$40\frac{2}{5} + 5\frac{1}{2} = 45\frac{9}{10}$$

$$\begin{array}{c|c}
47\frac{3}{5} & 45\frac{9}{10} \\
& \frac{238}{5} & \frac{459}{10} = 1\frac{7}{10}
\end{array}$$

6. a) 
$$\frac{2}{3}x \frac{4}{5}x \frac{15}{8} = 1$$

**b**) 
$$\frac{3}{8} - \frac{1}{4} \times \frac{4}{9} \times \frac{3}{1}$$

$$\frac{3}{8} - \frac{1}{3} = \frac{1}{24}$$

7. a) 
$$1-\frac{7}{8}=\frac{1}{8}=$$

20

-16

=0.12540

b) 1.000

-0.1250.875

8.75 x 10-1

8.  $\frac{1}{12} \times 60 = 5$ 

 $\frac{1}{6}$  x 42 = 7

Awino

 $\frac{8.4 \times 1000}{60 \times 40} = \frac{60 \times 40 \times h}{60 \times 40} = \frac{84}{24} = 3.5 \text{ cm}$ 

10.  $\frac{22}{7}$  x9.8x9.8=301.84m<sup>2</sup>

 $\frac{22}{7}$ x8.4x8.4=221.76m<sup>2</sup>

Area of the path 301.84 - 221.76 =80.08m<sup>2</sup>

- 11. a) Construction
  - **b)**  $QPR = 75^{\circ}$

12.a) 17% - 850 100>< 7

83 x 850

17 sh = 4150

**b)** 4150 + 850 = sh 5000

13. (2n-4)90

180n - 360=360°

180n=108°+360°

180n=468

n = 468

180

n=2.6 or 3 sides

#### ENGLISH:

- The proof that Mr Kuria and Mrs Mambo had not met before is evident in their initial exchange where they introduce themselves to each other.
- Mr Kuria visited the company to address complaints regarding workers' rights violations and to discuss evidence gathered during their investigations.
- The statement shows that Mrs Mambo may not have been fully informed or aware of the issues raised regarding workers' rights in her company. It suggests a potential gap in communication or oversight within her leadership.
- It would be important for Mrs Mambo's company to establish open communication to foster trust, transparency and a supportive work environment. This allows employees to voice their concerns freely, which can help address issues promptly and improve overal! morale and productivity.
- Yes, Mr Kuria accomplished his goal for the meeting with Mrs Mambo. Throughout the conversation, Mrs Mambo expressed her willingness to address the concerns raised, investigate allegations and take immediate corrective measures.
- The people of Alara Village got good

- harvests because the village was fertile and conducive for farming.
- The villagers cut down trees because they desired more farmland and needed charcoal.
- If the villagers did not find a solution to their problem, they would continue to face scarcity of food, leading to further suffering and potentially death for many villagers.
- It made them realise the need to conserve the environment.
- The mood of the villagers during the initial stages of the meeting was gloomy and spoke volumes of the problems they endured.

#### A possible summary of the passage

Choosing what to read is crucial for personal growth. Opting for books aligned with your passions enhances engagement and comprehension. Diverse reading broadens perspectives thus fostering understanding of various cultures and historical contexts. Engaging with challenging material sharpens critical thinking skills. Selecting books relevant to learning goals, including textbooks and reliable sources, facilitates academic success. In the digital age, discerning trustworthy information is paramount. Overall, thoughtful selection of reading material leads to a fulfilling and intellectually stimulating experience, helping to foster personal development and enriching one's life.

- 11. proof
- 12. falsehood
- 13. The thieves who attacked passersby were arrested by the chiefs.
- 14. The commanders-in-chief placed new mousetraps on their bookshelves.
- 15. The masters of ceremonies invited the brides' sisters-in-law to give votes of thanks.
- 16. He shouted, "You must not return to this place!" -
- 17. George went to Upendo Bookshop in Eldoret town last Thursday to buy some text books.
- 18."Mr Mwangi (our teacher of English) usually advises us to take our work seriously," said the children.
- 19. gaggle
- 20. parliament

**GRADE 8** 

- 21. hedge
- 22. is
- 23. does
- 24. round new wooden dining
- 25. beautiful long red cotton
- 26. Magaga's enjoyment in making other animals appear silly his cruelty.
- 27. Magaga was always happy because he derived pleasure from tricking and deceiving other animals.
  - 28. The relationship between Magaga and Masira can be described as hostile
  - 29. large
  - 30. Magaga agreed to visit the magical island because he was intrigued by the promise of exotic delights and sweet fruits.
  - 31. Masira can be described as deceitful, cunning, or malicious, based on his actions in the story.
  - 32. Magaga was able to escape Masira's scheme by deceiving him with a false claim that monkeys' flesh becomes poisonous when eaten in water. This caused Masira to return to land where Magaga could escape to safety.
  - 33. The importance of cleaning body.
  - 34. It is important to brush the teeth to remove plaque maintaining oral hygiene and a healthy smile.
  - 35. It is an adjective
  - 36. Cleanliness is important because it serves as a shield against harmful germs and impurities hence helping to maintain overall health.
  - 37. commitment; promise
  - 38. Kadenju and his grandfather got along because they shared a special relationship and had a common passion for football. They were always seen together and seemed inseparable.
  - 39. Kadenju's grandfather was so important that the team greatly depended on him.
  - 40. Kadenju's grandfather physically endowed while Kadenju himself was small and feeble.
  - 41. Kadenju liked watching matches to pick up skills from more talented players and to improve his own abilities.
  - 42. Kadenju was hardly ever chosen to play because he was perceived as physically feeble and was only selected as a reserve player. Neither his coach nor his teammates had confidence in him.
  - 43. Kadenju is described as determined. He consistently attended practice and sought ways to improve his skills.
  - 44. The coach gave Kadenju a chance to be a reserve player because of his

- commitment and dedication during practice, which inspired the rest of the team.
- 45. Resilient; determined

#### KISWAHILI

#### UFAHAMU WAKWANZA

- 1. walisaidiana kwa kila jambo liwe zuri au baya
- Tamaa, ubinafsi
- Wanyama wangeendelea kuaga dunia na kupungua
- Binadamu alipata bidhaa zinazotokana na wanyama kama vile mayai, maziwa nk
- -Ni vyema kuulinda uhuru wa wanyama
  - -Mhini na mhiniwa njia yao ni moja
- -Msitu wa Apuani ni kivutio cha -Wanyamapori mbalimbali huvutia
  - watalii wanaozuru humo na kulipa pesa za kigeni
- Misitu, wanyamapori
- 8. -kunaweza kutokea kiangazi -watalii wanaweza kukosa kutembea nchini humo na hivyo watakosa pesa za kigeni
- Tashbihi
- 10. -Misitu, mito, wanyamapori, madini, maziwa\*
  - -Tunalinda mito kwa kutochafua
  - -Kutokata miti
  - -Kuwalinda wanyamapori na kuwalinda dhidi ya majangili
- 11. Kuishi kwa amani huleta maendeleo na kuepuka migogoro katika jamii
- 12. -Watu huishi kwa amani bila vitu -Watu huendeleza shughuli zao kama vile kilimo, elimu ujenzi, biashara na shughuli nyingine bila matatizo
  - -Usalama umehakikishwa

#### SARUFI

- 13. wa
- 14. uliimarika
- 15. wenye
- 16. kabla ya
- 17. chochote
- 18. hizi, hao
- 19. Tudumishe usafi ili tuzuie magonjwa Tathmini majibu mengine.
- 20. Mzazi alisomewa makala na mwanafunzi
- 21. Kasam alisema kuwa angejifunza matumizi yafaayo ya dawa.
- 22. Mwema huwasaidia wengi.
- 23. Mimi huamka alfajiri kila siku.
- 24. Jitabu lile lilisomwa na jizee.
- 25. Samaki wadogo walirushiwa chakula. 26. Nyua za nyumba hizi zina nyufa.
- 27. Msichana yule yu darasani.
- 28. Alamsiki, Buriani.
- 29. Wema na ukarimu wake ulimletea

furaha tele

30. Kucheza, kuimba, kuruka, (Tathmini vitenzi jina vingine vilivyoandikwa na mwanafunzi)

#### FASIHI

- 31. -Ina wahusika wachache -Ina maudhui machache
  - -Mandhari hayabadiliki badiliki
- 32. a) Tashhisi / uhaishaji
  - b) Tashbihi
- 33. -Kutumia lugha kulingana na hadhima -Kutumia viziadalugha na ishara
  - -Kuhusisha hadhira kwa kuuliza maswali ya balagha, kupiga makofi
  - -Kuzingatia kiimbo (kupanda au kushuka kwa sauti)
  - -Kuvaa maleba kulingana na mighani inayosimuliwa
- 34. Mandhari ni mahali ambapo matukio hutokea katika kazi ya fasihi
- 35. -Huwa na muundo wa dayolojia -Huweza kuigizwa jukwaani -Huwa na maneno elekezi ambayo huandikwa kwenye mabano -Huwa na mgogoro ambao husuluhishwa hatimaye.

#### CREATIVEARTS & SPORTS

- 1. Preservation of culture. entertainment, creating employment, eradicating poverty, source of income, promote patriotism.
- 2. Movement, rhythm, proportion, balance
- a) Body, action, space, time
  - b) Pitch, rhythm, melody, tempo, dynamics, structure, texture
  - c) Theme, characters, plot, language, setting
  - d) Title, characters, setting, main idea, theme, style, plot
- Music, drama, Visual Arts, dance, sports, film
- Alternate hand -to-wall toss test. -Stick flip co-ordination test
- Baloon toss, jump rope, ball dribbling, juggling, puzzles, climbing, jumping jack, literal, lunge, crawling, freeze
- Arm curls, lifting weight, wall push ups, using resistance band etc
- Lateral jump, two jumps, forward, one jump backward, squat out hop-in, lateral lunge, plank jack, side-step toe touch. etc

## 

11. The process of making a composite photoshop by cutting, gluing, rearranging and overlapping two or more photographs into a new image.

GRADE 8

- 12. Subject, posture, center of interest | 16. Compounds-Water shape
- 13. a) 800m, 1500m, 1000m, 1200m races
  b) Be in appropriate sportswear
  -Maintain correct body posture
  -Be alert and focused
  - -Be hydrated
  - -Warm up properly
  - c) Standing bending forward
  - d) Stand in a forward -facing position with one foot forward
  - -The other foot should be behind -Feet shoulder-width apart
  - -Lift the heel of your back foot to achieve better balance

#### INTEGRATEDSCIENCE

- Solid have definite shade, volume, mass particles are closer, occupy space.
- 2. a- Solid b-Liquids c- Gases
- 3. (a) Density is the mass of a substance per Unit Volume.
  - (b) Kg/M3
  - (c) Density=Mass/Volume, D= M/v
- 4. Physical change Easily reversible
  - No new substance formed
     Mass does not change
  - No heat change
- 5. (a) Volume
  - (b) definite volume
  - (c) Eureka can
- 6. (a) Dynamo (b) Petrol/diesel generator (c) Car battery wet cell
  - (iii) B(petrol/diesel generator)
- 7. Hydrated, anhydrous
- 8. Acid, Bases
- 9. (a). P- Oviduct/FallopianQ- Ovary- Womb/uterus
  - S-Vagina/birth canal (b)-Part P C- part R
- 10. (a) Blue to black
  - (b) Chemical change- New substances are formed
  - -The change is irreversible change in mass -Heat energy is released or
  - absorbed.
- 11. Elements
- 12..-(i) CU
  - (ii) Iron
  - (iii) Ag
  - (iv) Oxygen
- 13. Diffusion in liquids
- 14. A substance which contains two or more elements chemically combined together.
- 15. (i) elements
  (ii) Groups
  (iii) H- Hydrogen.

- 16. Compounds-Water Hydrated copper II sulphate Table salt Ammonium Chloride
- 17. B- mass C- weight

#### SOCIAL STUDIES.

- 1. Topographical map
- 2. 9.12am
- 3. -The crust, The mantle, The core
- The measure of degree of hotness or coldness of a place
- 5. direction of wind
- 6. a) Koobi fora / Fort Tenanb) OlDuvai Gorge / Nsongezi
- 7. evolution
- 8. iii, iv, i, ii
- 9. -Good climate and fertile soils
  -Deep natural harbours
  - -Migration and settlement
  - -Islamic religion
  - -Development of the Indian Ocean
- The change in number of people in a population either positively or negatively.
- 11. -good medical facilities
  - -cultural preferences
  - -low mortality rates
  - -Early marriages
  - -failure to use family planning motherhood
- 12. a)Ghana, Algeria, Ivory Coast
  - b) Sao Tome and Pricipe
  - c) The Asante
- 13. -Golden stool
  -Beadwork
  - -Ogiek hunter
- 14. -national unity / Rule of law
  - -Equity / Inclusiveness
  - -Integrity / human rights
- 15. Indirect democracy
- 16. Supreme court, Court of Appeal, High court
- 17. -Cape Verde, Angola, Mozambique
- 18. Having low opinion about yourself and feeling worthless
- 19. a) Digust b) Sadness
- 20. A process through which two or more people come together, discuss and reach a conclusion or an agreement
- 21. -being assertive
  - -Having integrity and self respect -Choosing friends wisely
  - -Seeking guidance and counselling
- 22. Arabs, Persians, Portuguese, Indians
- 23. Bantu, Arabs

#### CRE

- Sin is the disobedience or rebellion against God
- Sin originated when Adam and Eve disobeyed God and ate from the tree of knowledge

- 3. Peter, Andrew, John and James
- 4. i) Elisha ii) Elijah iii) Ezekiel iv) Jesus v) Peter
- 5. David
- 6. -Christian marriage-African customary marriage
  - -Civil marriage
- 7. Protect the land, till the land, guard it, rule the animals, take care of animals, reproduction, naming animals
- 8. Genesis, Exodus, Leviticus, Deutronomy, Numbers
- 9. 10th commandment, Do not covet other peoples' property
- Healing the ten lepers
   Healing the Roman officer's servant
   Healing the Canaanite woman's son
- 11. Micah
- 12. He was standing on a Holy ground
- 13. Wisdom
- 14. Lost coin, lost son or prodigal son
- Love, joy, peace, patience, kindness, goodness, humility, faithfulness, self-control
- 16. Chronicles Ezra
  Ruth Samuel
  1st and 2nd Kings Jeremiah
  Acts of Apostles Luke
  Colossians Paul
- 17. Abraham, Isaac, Jacob, Joseph, Moses, David
- 18. 2<sup>ed</sup> day sky, dome, firmament 4<sup>th</sup> day - heavenly bodies, sun, moon, stars
  - 5th day sea creatures, birds of air

#### IRE

- Prophets provided leadership and guidance to their ummah using revealed scriptures.
- 2. a) Quarantine
  - b) using sanitizers, wearing a mask, avoid crowds
  - c) sneezing, coughing, touching contaminated places or items
- 3. Writing, teaching, reciting, memorization
- 4. -You are rewarded
  - -Your duas are accepted prevents you from begging
- -You get blessings from Allah(SWT)
- 5. Zakah and sadaqa
- 6. a) Manzil, Juzuu, Surah, Ruk'u, Ayah b) For easy reading
  - -for easy memorization
- fof easy understandinga) Writing, teaching, memorization,
  - recitation
    b) The swahaba's kept personal copies
  - -They compiled the Qur'an into a single book
  - -Qur'an teachers were sent to different parts of the world.

**GRADE 8** 

- 8. It makes it easy to read
  -It makes memorization easy
  -It makes the understanding easy
- 9. Oneness of Allah(Tawheed)
- 10. a) Lauhul Mahfudh to Baitul Izza Baitul Izza to the prophet(SAW) on earth
  - b) 23 years
- 11.+ a) Four
  - b) Abubakar(RA)
  - -Umar (RA)
  - -Uthman (RA)
  - -Ali (RA)
  - c) Umar (RA), Abubakar(RA)
  - 12. a) Makkah, Madinah
    - b) Seven equal portions

#### PRE-TECHNICAL STUDIES

- 1. -Electric fault -accidental fire spills
  - -gas explosions or flammable fuel explosion
  - -careless smoking
- 2. i) Flammable
  - ii) Non flammable
  - iii) flammable ...
  - iv) non flammable
- 3. a) -smothering
  - -use of dry chemical
  - -use of fire extinguisher
  - -use of foam
  - b) Raise the alarm
  - -Report to the principal or anyone in authority to a monon the fire begander -give guidance during the process of evacuating the building
- direct and guide your colleagues.
  - points
    -find out and forward any concerns
    from students for further
  - investigations and remedial actions
- 4. -use of user name and strong passwords
  - -use of firewall
  - -use of back up copies
  - -use of updated virus detection and protection programmes
- 5. -computer virus, phishing impersonation, improper shutting down of computer, hacking, cyber
- bullying, theft, natural disaster

  6. a) Refers to external and internal devices and equipment that enable you to perform major functions such as input, output, storage,
  - communication processing and more.
    b) Keyboard input hardware
  - Mouse input hardware
    Projector output hardware
    Printer output hardware
- a) The practise of safeguarding buyer of goods and services and the public against unfair protection in the market place.
  - -Safeguarding the consumers from exploitation by producers or market people.
- JS2402

- b) -To ensure they get quality goods and services
- -Ensure the consumer gets necessary and important information regarding goods and services
- -Right to compensation for loss and injury from defective goods and services
- The government enlightens
- -Government provides control in costing
- c) -providing security
- -ensure health safety on goods
  -offering subsidies to business
  operators and buyers on basic
  commodities
- d)-Healthcare Consumers Federation of Kenya
- -Consumer Protection Association
- -Consumer Unit Trust Society Consumer Federation of Kenya
- -Consumer International Network
- -Kenya Consumer Organization
- e) -Sensitizing consumers on their rights
- -Informing consumers on the importance and need for healthy goods
- -Sensitising and guiding consumers on costing
- -Sensitising the consumers on the effects of dumping into the country concern.
- g) i) non-business activity
- ii) Business activity
- iii) non-business activity
- iv) non-business activity
- 8. a) Metallic materials
  - -Shiny appearance
  - -Easily gets hot and easily grows cold
    -Do not easily break
  - -Produce sharp sound when kicked

#### Non-metallic materials

- -dull appearance
- -do not easily experience change in temperature
- -easily breaks
- -produces a dull sound on knocking
- b) they are magnetic
- -Better conductors of heat
- -More colourful appearance
- -Good conductors of electricity
- 9. a) Do not pollute environment
  -They are renewable or inexhaustible
  -consistent energy supply
  - b) i) renewable
    - ii) non-renewable

## AGRICULTURE & NUTRITION

- 1. a) i) strip cropping
  - ii) To reduce soil erosion
  - -To reduce the rate of runoff velocity/
  - -It improves wildlife habitat

- b) It stops the soil erosion by preserving the soil quality
- -The bands of grass minimize the force of winds and prevent soil erosion
- a) Earthing up
  - b) -Irish potatoes, beans, cassava,
  - c) -provides room for the tubers to increase in size
  - -To conserve moisture around the base of the growing crops
- a) Honey combs, Muslin cloth, Glass bottle, Wooden spoon, Wooden rods
   b) -To make it safe and easy to preserve for longer period
  - c) -Sources of energy. It is a energy giving food
  - -Acts as antibacterial agent
  - -It treats coughs, burns and promote wound healing
- 4. a) Size, colour, cleanliness, weight, shape, condition of the shell
  - b) source of proteins
  - c) to group together eggs which are uniform
- 5. a) Tomatoes, peppers, chillies, spinach, cucumber
  - b) Good distribution of light inside the greenhouse
  - -Warmth and humidity promote plant growth
  - -Prevents pests and diseases
  - -Incresse production
- 6. Maize. castor, sunflower, cotton, potato, sugarcane
- 7. K A grassed waterway
  - L-A water retention ditch
  - b) K To prevent soil erosion, reduce the speed of water
  - L To conserve surface runoff
- 8. -Helps to pretect natural resources
  -Restores habitats for plants and
  - -Improves water quality
  - -Makes soil healthier
- 9. a) Agroforestry
  - b) -They are deep rooted
  - -They grow tall and break the wind
  - -They are multipurpose
  - They should survive frequent pruning and cutting
  - c) Acacia tree, umbrella tree
- 10. Beef, sausages, bacon, tomatoes, chicken
- 11. -Improvise a skewer using firm clean wires
  - -Improvise tongs using sharp sticks
    -Improvise a grill using four stones
    and placing a wire on top
- 12. -Peel fruits and vegetables thinly
  -Wash fruits and vegetables under
  running water before cutting them.
  -Cut vegetables just before cooking
  -Fruit and vegetables should not be
- soaked in water
  13. Vitamins