

# KAMPALA PRIMARY SCHOOLS'

## SKYLINE EXAMINATIONS™

P.7 2024  
P.L.E 03

### P.7 P.L.E EXAMINATIONS 2024 SUBJECT: INTEGRATED SCIENCE & HEALTH EDUCATION

| No | ANSWER  | Competencies   | TOPIC                               | Life Skills                  | Values                           | Class | Level |
|----|---|--|-------------------------------------|------------------------------|----------------------------------|-------|-------|
| 01 | A hoe is used for digging or weeding.                                     | Naming uses & a hoe<br>as a tool / Palace                          | Caring<br>drawing<br>plants         | Self-<br>confidence          | Late<br>make<br>right<br>choices | P4    | K     |
| 02 | Is for collecting sound waves   | Drawing the entire<br>naming parts and<br>their functions          | Sound<br>Energy                     | Creative<br>thinking         | P6                               | K     |       |
| 03 | Is water which does not easily form lather with soap.                     | Describing what hard water is                                      | Everyday<br>Rustic<br>living        | Effective<br>communication   | Fluency                          | P6    | C     |
| 04 | It helps in pollination of flowering plants (wind pollinated flowers).    | Describing stages<br>from fertilization<br>to birth of baby.       | critical<br>thinking                | Confidence                   | P7, 6                            | C     |       |
| 05 | When implantation has taken place in uterus walls ( womb )                | Drawing an electric<br>bulb naming parts<br>of it.                 | Reproduce<br>critical<br>thinking   | Confidence                   | P6                               | C     |       |
| 06 | A coiled filament.  | Drawing an electric<br>bulb naming parts<br>of it.                 | Technically<br>creative<br>thinking | Making<br>right<br>decisions | P7                               | K     |       |
| 07 | The sun stars glowing in the sky.   | Naming the natural<br>sources of light                             | Light &<br>the sky                  | Effective<br>fluency         | P.7                              | K     |       |
| 08 | The cascades  | Identifying human<br>skeletal bones:                               | Muscular<br>skeletal<br>thinking    | Critical<br>confidence       | P.7                              | C     |       |
| 09 | To have energy resources for wood fuel, fruits and commercial purpose.    | Describing the value<br>of wood fuel in every<br>household.        | Independent<br>thinking             | Effective<br>fluency         | P.7                              | K     |       |
| 10 | Is the immunity sustained after administration of vaccines into the body. | Naming types of immunity<br>from just describing<br>what they are. | Immunity<br>critical<br>thinking    | Confidence                   | P.5                              | K     |       |

# KAMPALA PRIMARY SCHOOLS' SKYLINE EXAMINATIONS™

P-7 2024  
P.L.E 03

## P.7 P.L.E EXAMINATIONS 2024 SUBJECT: INTEGRATED SCIENCE & HEALTH EDUCATION

| NO | ANSWER  | Competencies   | TOPIC                     | Life Skills        | Values               | Class | Level |
|----|---|--|---------------------------|--------------------|----------------------|-------|-------|
| 11 | A housefly  | Identifying vectors and disease germs                            | Seal & vector thinking    | Critical thinking  | Independent 4,5      | C     |       |
| 12 | To hold the broken bones in the arm in position                                       | Stating importance of a tourniquet                               | Accident Problem Solving  | Sympathy           | Pt 6                 | K     |       |
| 13 | A single stroking touch method  | Demonstrating ways of making temporary magnets                   | Electricity & Magnetism   | Effect Fluency     | P7                   | K     |       |
| 14 | Limestone / The Earth   | Identifying examples of natural magnets                          | Electricity & Magnetism   | Creative thinking  | Making right choices | P7    | C     |
| 15 | They eat up the rotting flesh in the environment to prevent spread of germs           | Stating importance of scavenger animals in our environment       | Animal life               | Problem solving    | Care logic           | P6    | K     |
| 16 | Redwater, heartwater, East Coast fever, Anaplasmosis                                  | Stating the cause of cattle diseases                             | Keeping cattle            | Critical thinking  | Confidence           | P6    | C     |
| 17 | The land is sloping for soil to be washed down easily.                                | Describing why the soil is washed down in hilly areas            | The soil                  | Self-awareness     | Making decisions     | P.5   | K     |
| 18 | It preserves the environment from materials, helps to prevent environmental pollution | Describing importance of recycling all wastes in the environment | Energy Resources in envir | Creative thinking  | Making decision      | P5,6  | C     |
| 19 | Hypertension (long fingers and stony hardness).                                       | Drawing eye defects and stating how each is corrected.           | Light Energy              | Creative thinking  | Caring concern       | P7    | C     |
| 20 | By introducing fish in the pond   | Demonstrating what biological control is                         | Vectors & Diseases        | Effective thinking | Fluency P5,6         | K     | C     |

# KAMPALA PRIMARY SCHOOLS' SKYLINE EXAMINATIONS™

P.7 2024  
P.L.E 03

P.7 P.L.E EXAMINATIONS 2024 SUBJECT: INTEGRATED SCIENCE & HEALTH EDUCATION

| NO | ANSWER  | Competencies   | TOPIC   | Life Skills             | Values              | Class              | Level |
|----|---|--|---|-------------------------|---------------------|--------------------|-------|
| 24 | Peristalsis process   | Showcasing illustrations demonstrating peristalsis   | Gastric system                                | Critical thinking       | Problem solving p.5 | C                  |       |
| 22 | To obtain accurate measurements.  | Describing what a weather station should be constructed in an open place - stating why (eggs) of toads nest are placed in dark areas | Weather changes                               | Effective frequency p.4 | KC                  |                    |       |
| 23 | To avoid egg eating   | Both can be reflected need medium for transmission   | Stating similarities between sound and energy | Keeping healthy         | Self awareness      | Making choices p.5 | K     |
| 24 | Candidates learn new crops & animals are raised, they may take up activity for income | Stating importance of learning how to grow crops & keep animals  | Energy resources in envirn                    | Effective action p.4    | Problem solving p.7 | C                  |       |
| 25 | Clay soil is fine and sticky for pottery  | Demonstrating why clay is suitable for pottery, solving problems involved in   | Creative thinking                             | Taking risks            | Patience p.5        | C                  |       |
| 27 | 1 dry cell = 0.5 volts<br>5 dry cells = 0.5x5v = 2.5 volts                            | Identifying tools used in agriculture farm and stating their uses  | Electricity problem solving                   | Problem solving p.7     | C                   |                    |       |
| 28 | When finding the presence of mastitis, farmers name milk                              | Non-mastid's cows starting the germs that cause them   | Magnetism                                     | Keeping cattle          | Critical thinking   | Confidence p.6     | KC    |
| 29 | Gramophone  | Drawing and naming wind instruments  | Reproducing from memory                       | Curiosity               | Patience p.6        | C                  |       |
| 30 | Nhustle, flute, Trombone<br>Tuba, clarinet, Trumpet & horn                            | Sound energy   | Creative thinking                             | Care                    | P.6                 | KC                 |       |

# KAMPALA PRIMARY SCHOOLS' SKYLINE EXAMINATIONS™

P.7 2024  
P.L.E 03

P.7 P.L.E EXAMINATIONS 2024 SUBJECT: INTEGRATED SCIENCE & HEALTH EDUCATION

| No | ANSWER   | Competencies   | TOPIC                        | LIFE SKILLS        | VALUES                      | CLASS | LEVEL |
|----|--|--|------------------------------|--------------------|-----------------------------|-------|-------|
| 31 | Nicotine   | Identifying chemical substances in tobacco that cause harm.                          | Affectionate smoking & drug  | Assertive ness     | Being open minded           | P6    | C     |
| 32 | Mobile phones, computers, projectors, DVD players  | Drawing devices that produce sound & naming them.                                    | Sound & naming energy        | Creative thinking  | Making right choices        | P6    | K     |
| 33 | Plant population increase  | Describing importance of seed dispersal in their preservation                        | Plant life                   | Effective Fluency  | Effective communication     | P6    | C     |
| 34 | Uranium  | Identifying energy resources produced in environment                                 | Energy Resources             | Decision making    | Making right choices        | P6    | T     |
| 35 | Is a person not infected with HIV/AIDS virus?  | Drawing of set class reversals starting from positions where less effort can be used | Simple machines              | Creative thinking  | Anticipative action         | P7    | C     |
| 36 | Mangrove trees, papyrus  | Deciding what an HIV/AIDS negative person is   | Reproductive effective comm. | Effective Fluency  | P6                          | K     |       |
| 37 | Boiling deeply with clean water and soap, brushing teeth after taking Vernacura - re caused de-oxygenated blood from all parts of the body into the heart. | Demonstrating practices in personal hygiene  | Plant life                   | Creative thinking  | Making choices              | P4    | C     |
| 38 | Identifying minerals salts in the rock formation   | Drawing, naming parts of the heart & vessels stating their functions                 | Heart                        | Effective thinking | Standing by ones principles | 6     | K     |
| 39 | Calcium and phosphorus in the mineral salts  | Identifying minerals salts in the rock formation                                     | Vein system                  | Care               | P4                          | C     |       |
| 40 | Mineral salts  | Identifying minerals salts in the rock formation                                     | Arterial                     | Confidence         | P4                          | C     |       |

# KAMPALA PRIMARY SCHOOLS'

P.T.P.L.E EXAMINATIONS 2024 SUBJECT: INTEGRATED SCIENCE & HEALTH EDUCATION  
P.T.P.L.E 03

P.T.P.L.E EXAMINATIONS 2024 SUBJECT: INTEGRATED SCIENCE & HEALTH EDUCATION

P.T.P.L.E 03

Page

| No. | ANSWER  | Competencies   | TOPIC  | LifeSkills   | Values                 | Class   | Level                           |
|-----|---|--|--|--|------------------------|---|---------------------------------|
| 4   | <p>a) Pigeon, Turkey, hen, cock duck, guine fowl, through mating of a cock &amp; one breed of chicken with another breed of chicken. (C) A cock has a longer spur, comb, wattle than a hen, has longer tail feathers than a hen.</p> <p>b) Perches are meant for birds to have exercises.</p> <p>c) Pollution is the release of poisons substances into the environment.</p> <p>(b) Sewage, Agriculture, wastes, house refuse, medical wastes, Air (Burnt), polythene bags, plastics, tanks from vehicles, trees, are important factors, Industries if planted in environment absorb excess carbon dioxide, dust and prevent tree spread.</p> | <p>Identifying types of poultry &amp; their differences between cock &amp; hen.</p> <p>Demonstrating the importance of perches in a poultry house.</p> <p>Describing the term pollution next.</p> <p>Identify water/ air pollutants.</p> <p>Demonstrating how trees are important to industry if planted in environment.</p> | <p>Identifying types of poultry &amp; their differences between cock &amp; hen.</p> <p>Demonstrating the importance of perches in a poultry house.</p> <p>Describing the term pollution next.</p> <p>Identify water/ air pollutants.</p> <p>Demonstrating how trees are important to industry if planted in environment.</p> | <p>Critical thinking, creative thinking, concern for humanity, communication, logic.</p> | <p>Problem solving</p> | <p>Environment, concern for humanity, communication, logic.</p> | <p>P.S, C</p> <p>K</p> <p>C</p> |
| 42  | <p>a) Pigeon, Turkey, hen, cock duck, guine fowl, through mating of a cock &amp; one breed of chicken with another breed of chicken. (C) A cock has a longer spur, comb, wattle than a hen, has longer tail feathers than a hen.</p> <p>b) Perches are meant for birds to have exercises.</p> <p>c) Pollution is the release of poisons substances into the environment.</p> <p>(b) Sewage, Agriculture, wastes, house refuse, medical wastes, Air (Burnt), polythene bags, plastics, tanks from vehicles, trees, are important factors, Industries if planted in environment absorb excess carbon dioxide, dust and prevent tree spread.</p> | <p>Identifying water/ air pollutants.</p> <p>Demonstrating how trees are important to industry if planted in environment.</p>  | <p>Identifying water/ air pollutants.</p> <p>Demonstrating how trees are important to industry if planted in environment.</p>  | <p>Critical thinking, creative thinking, concern for humanity, communication, logic.</p> | <p>Problem solving</p> | <p>Environment, concern for humanity, communication, logic.</p> | <p>7</p> <p>K</p> <p>C</p>      |

# KAMPALA PRIMARY SCHOOLS' SKYLINE EXAMINATIONS™

P.7 2024  
P.L.E 03

P.7 P.L.E EXAMINATIONS 2024 SUBJECT: INTEGRATED SCIENCE & HEALTH EDUCATION

| No | ANSWER   | Competencies   | TOPIC               | Life Skills   | Values          | Class | Level |
|----|--|--|---------------------|---|-----------------|-------|-------|
| 43 | a) Sexually transmitted infections (b) By abstaining from sexual intercourse, learning dangerous effects of STD's to the body, c) Constricted or just production of cervical mucus   | State what STD's are, prevent transmission of STD's - staying away from STD's. Identifying the disorders to produce the system of female | Reproductive System | Critical thinking, effective logic, communication, patience, listening skills   | Confidence, PLG | C     | K     |
| 44 | a) E - Lateral line<br>b) Gill cover / operculum<br>c) Protective inner parts of the fish, it can be used for defense in case of attack by enemies. It has gills for breathing in water dissolved oxygen in water, it add blooded and take out waste time in water (ectothermic) | Drawing a fish, naming parts and stating functions of the parts  | Animal life         | Creative care, thinking makes a difference, creative confidence, thinking confidence, effective appreciation, coming decisions making | Change, PLG     | C     | K     |
| 45 | b) Radicle<br>c) A shoot system.<br>d) A - stores food for the embryo, D - a maize grain   | Drawing a maize fruit, naming parts and stating function of the parts  | Crop growing        | Creative naming things, change, effective fluency, communication, appreciation, decision confidence                                   | PLG             | C     | K     |

Page 05

KAMPALA PRIMARY SCHOOLS'

**SKYLINE EXAMINATIONS™**  
**P.7 2024**  
**P.L.E 03**

P-7 2024  
P-L-E 03

| NO | ANSWER   | TOPIC  | LIFE SKILLS  | VALUES   | CLASS   | LEVEL                                    |
|----|--|--|--|--|---|--|
| 45 | <p>a) Is the general cleanliness of our bodies<br/>b) Ringworms<br/>c) Sandida, Athlete's foot<br/>d) By having proper disposal of human wastes<br/>e) Drinking water<br/>f) To kill germs</p> <p>46) <math>\text{Ch} + x = \text{is used for treating}</math><br/> <b>(b)</b> An anopheline mosquito<br/> <b>c)</b> Plasmodium parasite<br/> <b>d)</b> By draining stagnant water<br/> <b>e)</b> source, spraying oil, keeping the fish in ponds, slashing the bushes around homes, by sleeping under mosquito nets</p> | <p>Defining term<br/>Personal hygiene<br/>Sanitation<br/>Treatment of disease<br/>Importance of detergents in life<br/>Cleaning toilet</p> <p>Drawing different types of mosquito<br/>life cycle and naming them<br/>Identifying the disease they spread - static<br/>mosquito rearing</p> | <p>Problem solving<br/>Critical thinking<br/>Problem solving</p> | <p>Responsibility<br/>Care<br/>Safety<br/>Effectiveness<br/>Fluency<br/>Logic<br/>Self-awareness</p> | <p>Care<br/>Concern<br/>K<br/>C<br/>C<br/>C</p> | <p>P.4<br/>K<br/>C<br/>C<br/>C<br/>C</p> |
| 46 | <p>a) Drunken community, Littering, staining factor that cause poor production management of the farm by local council members, poor methods of farming, prolonged drought effects (loss of security), Tidiness, tanning attack deficiency, insects attack people, By use of irrigation</p>  | <p>Plant life</p>  | <p>Effective communication<br/>Problem solving</p>               | <p>Fluency<br/>Appreciation<br/>Safety<br/>Problem solving</p>                                       | <p>K<br/>C<br/>C<br/>C</p>                      | <p>P.4<br/>S<br/>C<br/>C</p>             |

# KAMPALA PRIMARY SCHOOLS' SKYLINE EXAMINATIONS™

P.7 2024  
P.L.E 03

P.7 P.L.E EXAMINATIONS 2024 SUBJECT: INTEGRATED SCIENCE & HEALTH EDUCATION

| No | ANSWER  | Competencies   | TOPIC                       | Life Skills                                  | Values                           | Class | Level |
|----|---|--|-----------------------------|--|----------------------------------|-------|-------|
| 49 | a) Red blood cells, white blood cells, platelets, Plasma<br>b) Red blood cells transport oxygen to body tissues. White blood cells fight germs. Platelets help in proper clotting of blood.<br>c) digested food, hormones etc.  | Identifying blood components and their functions.  | The circulatory system      | Critical thinking, effective problem solving | Confidence, care, making choices | P6    | K/C   |
| 50 | a) Have pointed body parts, have segmented body parts, have an exo-skeleton<br>b) The moist skin<br>c) White ants, Ensenene   | Demonstrating how water vapour can be condensed to water droplets. Naming examples of condensation.                              | Minimal life                | Critical thinking, effective communication   | Problem solving                  | C     | K     |
| 51 | a) How water vapour is condensed to have water again (Rainfall from medium)<br>b) Z - is condensation<br>c) Y - is evaporation<br>d) It provides heat energy for infauna to survive   | Demonstrating how water vapour can be condensed to water droplets. Identifying what is best place for the formation of rainfall. | How water changes around us | Effective communication, critical thinking   | Fluency, confidence              | P6    | C     |
| 52 | a) Is a condition where defining term dry skin is attained by sweating (b) Sunken eyes, dry skin due to sweating may produce lot of the skin is punched out of skin to go full of sweat due to normal position of the body and replaced it back to its normal position. The lost water is replaced and maintained through sweating. | Communicating effectively with others about the symptoms and signs of infection.   | Effective communication     | Fluency, problem solving                     | Problem solving                  | P4    | C     |

Page 04