

UGANDA NATIONAL EXAMINATIONS BOARD
OCTOBER - NOVEMBER, 2016

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SECTION A

1. Scald
2. Static Electricity
3. Termites use soil as habitats / source of food / air / water / provides protection / breeding ground for termites
4. Causes blockage of the fallopian tubes / oviduct / Ectopic pregnancy / sterility / Barrenness / may cause system not to function well.
5. Increase on crop population for increased yields / for proper use of land / Avoid land wastage / correct plant population
6. Irregular / diffuse reflection
7. Land rays have landed on rough surface. / ...
Rough shiny surface / unpolished surface / irregular surface / uneven surface.
8. Leads to child / spouse / family neglect / violence / divorce / loss of property / poverty / Broken marriages / Death of family members / it brings shame / child copy bad behaviour / Sex offenses.
9. For communication / protection / expressing feelings / Fear / Happiness / Hunger / looking for their mate / Young ones / identification / locating direction
10. Freezing (Reject Solidification)
11. prevents bad smell / breath / makes teeth strong / prevents tooth decay / Kills germs / Remove plaque / stains.
12. Evaporation / Condensation
13. Keep the trachea open all the time / prevents it from collapsing

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14. It is more dense than water | Has greater density than water | It is denser than water (Emphasize Comparison)
15. Kills | displaces animals | destroys animal habitats | source of food | leads to extinction | animals are endangered | destroys breeding grounds.
16. Health for all | Activities done according to priority | Full participation of all community members | use of many approaches in solving health problems | Equal distribution of health care services | affordable | accessible | available.
17. prevents egg eating.
18. Some are poisonous | Cause food poisoning | rotting
- | make food go bad | have a bad smell | decomposit
19. Helps to determine the depth of the water body | locate fish under the water body | Dodge obstacles in water | avoids accidents.
20. Don't have segmented bodies | lack segmented bodies while others have | Have shells | mantle | while others don't have | Have soft bodies (except with a companion)
21. Goitre | Anaemia | Rickets.
22. Drone bees | Drones | (Reject male bees)
23. proper disposal of faeces | smoking | covering the hole of a pit latrine | Burning | burying rubbish | Spraying | trapping houseflies | Covering left over food properly | observing proper sanitation | treating the sick | washing the face (Reject personal hygiene)
24. Epigeal germination

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25. Dicotyledonous plants / Dicots
26. Softens / lubricates / moistens / cools / binds food /
Helps in digestion of starch / carbohydrates / food.
27. DPT vaccine
28. Effort arm is longer than load arm / Effort
distance is longer than load distance / Load in
1st class is nearer the pivot than effort
29. Magnets are strongest / Stronger at the poles /
Magnetism is strongest at the poles / Magnetic
forces are stronger at the poles.
30. Leaves change colour / turn yellow / develops spot
/ patches / leaves curl / wrinkles / rot / wilt / holes
/ leaves tend to rust
31. The skin
32. Used for transport / ploughing / turning machines
(Reject source of food and biogas)
33. Coppicing
34. Smoking / pouring there ash / chemicals / Jazz /
Regular cleaning / scrubbing / mopping / washing /
smearing / Covering the hole of the pit latrine /
Use of detergents / Sweeping.
35. Due to refraction of light / Refraction of light
36. Running nose / mucus from nostrils / sneezing /
Difficult in breathing / Sudden death / watery eyes
37. Air occupies space (Reject air exerts pressure)
38. They reduce signs / symptoms of diseases / prevents
diseases / Boost immunity / Stop allergy / Reduce
pain / Are affordable / Accessible / cheap / Easy
to use / meets peoples / health needs / safe and effective

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39. Does not pollute the envt / involve cutting down of trees / Deforestation
40. Are small and light / Have parachute / wing-like / thread-like / Hairy / feathery structures (Reject "small" alone)

SECTION B

41. (a) Sunken eyes / fontanelle / dry lips / little or no urine / tears / a pinch on the skin goes back slow
b) Give baby plenty of fluids / water / fruits / juice / ORS / SSS / Advise the mother to continue breast feeding / Give soft foods / Take the baby to a health centre / Soap

42. (a) Grass → Goat → Lion.
b) Grass
c) The Sun

43. (a) Lungs
b) Pulmonary vein
c) Both Carry deoxygenated blood.
d) To be pumped to all body parts.

44. (a) Overstocking / overgrazing / Bush burning / deforestation / Devegetation / overcultivation / monocropping / ploughing down and up slopes of hills / poor methods of farming / ploughing near river banks.
b) Running / flowing water (Reject water alone)
c) washes / Removes top fertile soil / Leads to loss of humus which binds soil particles together

45. (a) Home B

(b) Latrine

(c) Cholera / poliomyelitis / typhoid / dysentery / Diarrhoea.

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(d) Kitchen / Houses for animals / Food store / Dustbin
Handwashing facility / Drying lines / Clean water
Containers / House for domestic animals.

46 (a) Shortage of oxygen / blood / oxygenated blood to
the brain.

(b) prolonged / Extreme hunger / Standing for long /
Standing in the hot sun for long time / Doing strenuous
exercise / Sorrows / Excitement / Illness / Fear /
Stress / Anxiety / Too much anger / exhaustion /
Sadness / pain / Shock / overbleeding.

(c) To allow flow of blood / oxygen /
oxygenated blood to the brain.

47 (a) cassava (b) (i) Groundnuts / Cassava
(ii) Coffee / Conifer.

(c) A Conifer is a non flowering plant while
other crops are flowering plants / a Conifer is
a non food crop while other crops are food crop
(Emphasize ~~same~~ on Comparison)

48 (a) An inclined plane / slope.

(b) Ladder / Stair case / Door steps / Ramp / Screw /
winding roads / Contour roads / plank of wood

(c) Using longer pieces of wood / making the
pieces of wood longer / Lowering the slope /
gradient / increasing effort distance.

49 (a) Cross breed / Hybrid

(b) Local breeds are more ^{resistant} ~~resistant~~ to
tropical diseases than exotic ones / cheaper
to maintain than exotic ones / withstand harsh
weather conditions than exotic ones / can survive
on poor pasture & little water than exotic ones

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54(a) Causes expansion | Change of state of matter |
change in chemical composition | colour | volume |
shape | size | weight | weakens matter | mass | makes
matter soft.

(b) Used in cooking | casting metals | boiling food |
water | ironing clothes | welding | soldering | conductor
in a chemical thermometer

55(a) Filtration (Reject filtering)

(b) Fine | coarse sand | gravel | pebbles |
Cotton wool | charcoal paste | cloth | Grass | Banana
leaves | sponge | straw fibre | charcoal

(c) To kill germ | Kill germs and make water safe
for drinking | The system does not remove all
germs in water

SECTION A

SECTION B

1 K	12 A	23 A	34 A
2 K	13 C	24 C	35 C
3 C	14 C	25 C	36 C
4 C	15 C	26 C	37 C
5 C	16 K	27 C	38 C
6 C	17 A	28 C	39 C
7 C	18 C	29 C	40 C
8 C	19 C	30 C	
9 C	20 C	31 K	
10 C	21 C	32 C	
11 C	22 C	33 C	

41	52
42	53
43	54
44	55
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47	
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49	
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