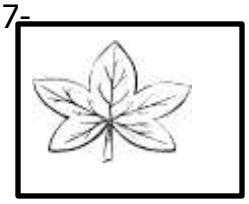
DIVINE EDUCATION CENTRE (DEC)

P.7 SCIENCE BEGINNING OF TERM 1 MARKING GUIDE 2023

1- pears, nashi, quince
2- Book lungs
3- Goitre/ goiter, Anaemia, Rickets
4- By twinning, By clasping, By use of hooks and thorns, By use of tendrils
5- Ostrich, Emu, Kiwi, Penguin, cassowary
6- Tsetse flies spread nagana to animals
7- carbohydrates
8- Part x protects a fish against predators while part y is used for steering on swimming/ changing directions.
9- Mammals
10-They have mammary glands, They have fur on their bodies, They produce their young ones alive
11-Maximum and minimum thermometer/Six's thermometer
12- To overcome velocity friction
13- Wriggler
14-By vibration of its skin when beaten
15-To prevent over and under dose, To avoid drug misuse
16-shallots, canna lily, spider lily, leek
17-



18-Epigeal germination is a type of germination where the cotyledons come out of the ground while hypogeal germination is a type of germination where the cotyledon remains under the ground.
19-Sunbirds help in pollination of farmer's flowers
20-Gully erosion
21-A toadstool feeds on dead decayed matter
22-perching birds
23-chicks, rabbits, rats, frogs, toads, small snakes
24-plasma
25-By dipping animals in acaricides, By double fencing
26-The abdomen of a worker bee remains open after stinging their enemies
27-To stimulate milk let down
28-Tetanus jab
29-To cool the temperature of a burnt part
30-There is no medium for transmission in a vacuum
31-Suction pads
32-Nitrogen
33-There is enough sunshine in dry season to dry their harvests
34-Colon
35-stamen

36-Anther head
37-By use of blubber/ By use of their layer of fats
38-Conifers/coniferous plants, spore producing plants
39-Clay soil
40-starch/glucose

Section B

41-(a) Fresh water snails
(b) They both live under water

(c) (i) slugs, squids
(ii) octopi/octopus

42- (a) Tape worm
(b) Digested food
(c) Through eating under cooked meat, through eating raw meat
Through eating raw and unwashed fruits and vegetables
(d) Through eating well cooked meat, through regular deworming

43-(a) (i) Switching off electricity when not in use
(ii) Using resources sparingly, Using energy savers like bulbs and stoves
(b) (i) Wood fuel leads to deforestation
(ii) Wood fuel leads to air pollution

44-(a) (i) poverty ,drug abuse
(ii) pornography ,orphanage
(b) (i)By abstaining from sex, By joining productive clubs
(ii) By refusing gifts from strangers, By avoiding being in lonely places
By avoiding bad peer groups

45-(a) (i) Oxygen
(ii) Hydrogen
(b) This is a type of water with high mineral content.
(c) Through boiling, Adding slaked lime, Adding washing soda, Using ion exchange process

46- Tuberculosis_____ chronic cough
Measles _____ skin rash
Diphtheria _____ swollen neck
poliomyelitis _____ paralyzed limbs

47-(a) Blood at N is oxygenated while blood at M is deoxygenated

(b) Muscle L prevents oxygenated blood from mixing with deoxygenated blood

(c) (i) Doing regular body exercises

(ii) Feeding on food rich in a balanced diet, Going for regular medical checkups,

Avoiding eating too fatty and oily food stuffs

48-(a) Tar, nicotine

(b) To warm their bodies, Due to peer pressure, To concentrate on their work, To feel mature

(c) lungs

(d) Keeping busy during free time, Avoid joining bad peer groups

49- (a) This is a condition in which the body does not have enough water and mineral salts

(b)(i) severe sweating, severe vomiting

(ii) severe burns and scalds, severe diarrhoea

(c) To replace the lost energy

(d) dry limbs, little or no urine, sunken eyes, sunken fontanel, A pull on the skin goes back slowly.

50-(a) (i) Goats multiply quickly than cattle

(ii) Goats feed on almost all types of vegetation than cattle, Goats have low water demand than cattle

(b) Alpine, toggenburg, Anglo nubian

(c) Mohair

51-Lungs _____ Respiratory/excretory

Heart/ blood vessels _____ circulatory

Enzymes _____ Digestive

Kidney, skin, lungs _____ Excretory

52-(a) Tortoise, Terrapins

(b) Both reproduce by laying eggs Both have a back bone, Both are vertebrates

(c) Bat

(d) Dolphins, whales

53-(a) (i) mosquitoes, Tsetse flies, bedbugs, house flies

(ii) cockroach

(b) (i)Some insects bit people, Some insects spread diseases

(ii) Some insects sting people, some insects destroy people's crops

54-(a) sorting

(b) Decantation

(c) Using a magnet

(d) Winnowing

55-(a) (i) For turning manure

(ii) For digging in hard /stony areas

(b) (i) By oiling , By keeping in dry place after use

(ii) By greasing, By painting