

# Science and Agri-Science Made Simple

LEVEL 1 - ANSWER KEY

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# SCIENCE AND AGRI-SCIENCE MADE SIMPLE

## LEVEL 1 – ANSWER KEY

QU	PAGE 2
1	vertebrate
2	Animals without backbone
3	vertebrate
4	invertebrate

QU	PAGE 4
1	Head, antenna, thorax, abdomen
2	a) Cats, cows, horses   b) beetles, ants, spiders   c) 6 legs   d) 3 parts
3	-

QU	PAGE 5
	Vertebrates - frog, donkey, crocodile, parrot, fish, squirrel, snake / Invertebrates - lobster, snail, worm, bee, bee - gives us honey

QU	PAGE 7
	Dr. Joseph Lennox Pawan - Medical researcher for rabies / Dr. Andre Dominic Cropper - Research Scientist Dr. Julien Kenny - Zoologist
1	Researcher
2	Rabies

QU	PAGE 8
	Dr. Joseph Lennox Pawan - Rabies Virus / Ms. Camille Alleyne - NASA Rocket Scientist / Dr. Stephen Bennett - Veterinarian

QU	PAGE 9
1	First Monday of October
2	Persons all over the world have a right to live in a home
3	To remind people that they are responsible for the habitat for the future generations
4	A home

QU	PAGE 11
1	Turning
2	Twisting
3	Turning
4	Squeezing

QU	PAGE 14
1	Push
2	Pull
3	Squeeze
4	Pull / push
5	pull
6	Pull
7	A turn
8	Pull
9	Move away from you
10	Come towards you

QU	PAGE 15
1	October 16 <sup>th</sup>
2	Banana, grapes, orange, lemon, cauliflower
3	To declare their commitment to get rid of hunger
4	To be healthy and strong
5	False

QU	PAGE 16
1	Wood
2	Leather
3	Plastic

QU	PAGE 17
4	Cotton, wool
5	Wool
6	Plastic
7	metal
8	-

QU	PAGE 18
1	Metal

<b>2</b>	Plastic
<b>3</b>	Wood
	Circle - roof - galvanize / wall - bricks / door - wood / window - glass / floor - wood

QU	PAGE 20
	Paper clips and marbles - magnet / sand and iron filing - magnet / flour and sugar - sieve / water and paper clips - magnets

QU	PAGE 21
<b>1</b>	a. True b. false c. True d. True e. True f. False
<b>2</b>	Horse, chicken
<b>3</b>	Backbones
<b>4</b>	Invertebrate
<b>5</b>	Three body parts

QU	PAGE 22
<b>6</b>	Horse
<b>7</b>	Twist
<b>8</b>	Pull
<b>9</b>	Its shape will change
<b>10</b>	To carry food
<b>11</b>	Pushing and pulling

QU	PAGE 23
<b>12</b>	Science
<b>13</b>	a. Magnet b. sieve
<b>14</b>	Handpicking
<b>15</b>	Nails and sticks
<b>16</b>	Bee - honey
<b>17</b>	Desk - wood / ruler - plastic / shirt - cotton / window - glass / box - cardboard / house - concrete / car - metal

QU	PAGE 24
<b>18</b>	October 16th
<b>19</b>	It used to separate materials that are made of metals from non-metal materials / to attract metals
<b>20</b>	Sieve is used to separate the smaller particles from the bigger particles
<b>21</b>	Squeeze / turn / pull / push

QU	PAGE 25
22	Antenna / feelers / head / thorax / wings / eye / abdomen / leg
23	Paper clips and pencil - magnet / gravel and iron filing - magnet / rice and flour - sieve / water and paper clips - magnet / nails and flour - magnet / sand and marbles - hand picking

QU	PAGE 26
1	A person who takes care of the crops and rears animals on a farm.
2	Food for people and animals, decorations, building materials, for making clothes

QU	PAGE 28
1	Food - Pumpkin, ochro, carrot, peas, corn, lettuce
2	Medicine - aloe-vera, fever grass, shining bush, saffron
3	Food and Medicine

QU	PAGE 29
	Match - shandilay - sore throat, cough, chest cold / fever grass - fever / aloe-vera - wounds, burns and a laxative / ginger - acne, throat, cough, wounds / celery - food
1	Ginger, nutmeg, saffron, shadon beni

QU	PAGE 32
1	Gourd / Calabash, Coconut Tree - Mahogany
2	Cedar, teak, mahogany
3	Furniture, houses, fence, building
4	sorrel

QU	PAGE 33
1	a. Rearing of animals      b. planting crops
2	a. Cocoa and coffee      b. farmer
3	Medication
4	Food, decoration, medicine
5	Fever grass
6	a. Build house      b. make furniture
7	Match - cedar - lumber / aloe-vera - medicine / mango - food / cotton - clothing / rose - decoration / coconut - religious purpose / gourd - craft

QU	PAGE 35
1	Air
2	Daily
3	Light, gentle winds, soft winds, storms and hurricane

4	Foul or poisonous
5	Dry
6	Seeds
7	winds
8	Destruction
9	Invisible
10	erosion

QU	PAGE 36
1	To measure wind speed
2	Speed and direction of the wind
3	Wind vanes and wind socks

QU	PAGE 38
1	Admiral Beaufort
2	Code number
3	A Beaufort Scale
4	Moderate breeze
5	A strong breeze
6	Animals might be killed, crops will be destroyed, houses will be destroyed

QU	PAGE 39
1	The plants and animals that are found in a particular location.
2	A habitat is a place when a plant or animal lives.
3	The animals and plants that live together in a habitat formed a community

QU	PAGE 40
1	Aquatic
2	Turtle, tadpole, fish and whale
3	-
4	Ponds, rivers, swamps and oceans

QU	PAGE 41
1	Water lily and lotus
2	Fish, crab, tadpole, snail
3	-

QU	PAGE 43
1	An animal that lives in water
2	a. Aquatic - Snail, fish    b. terrestrial - dog, cat    c. dark habitat - bird, bats
1	Circle - dog - land    2/ shrimp - water    3 / cow - land    4/ horse - land    5/ crab - water    6/ fish - water
7	Dog, ants
8	Crab, lobsters
9	Land
10	To stay safe

QU	PAGE 44
1	Pollute to make dirty or harmful
2	Algae
3	By people dumping garbage or by people polluting
4	When they drink or bathe in the polluted water

QU	PAGE 45
1	People polluted it (dump garbage, dump raw sewage, factories dumping chemicals)
2	They will die
3	We must not litter
4	By dumping raw sewage, factories dumping chemicals, oil spills from boats and oil tankers

QU	PAGE 47
1	Cooking, drinking, washing, bathing
2	Turn of taps when not in use, report leakage

QU	PAGE 48
1	Wind
2	Drying clothes
3	Wind vane
4	Habitat
5	Plants and animals
6	aquatic

QU	PAGE 49
7	a. Fish - water / goat - land / turtle - both / dog - land
8	Aquatic habitat
9	It is using it for shelter
10	a. Drying clothes b. mosquito c. invisible d. moving e. invertebrate
11	-
12	-

QU	PAGE 50
13	a. Living thing - duck, butterfly, snail / Non-Living - rock or stone, pond b. Polluting
14	Frog, snail, turtle, fish
15	Wind sock
16	a. Dry clothes b. help boats to sail

QU	PAGE 53
	Circle - transportation - horse, bull
	Circle - religious - cow, monkey
	Circle - food - duck, cow, goat
	Circle - not use for food - dog, monkey

QU	PAGE 55
1	A place where animals are reared and crops are grown
2	One type of crop
3	This is a farm where crops are grow on a wide scale

QU	PAGE 58
1	Meat and eggs
2	Chicken and goat
3	Cows
4	Crops and animals
5	Flowers
6	Labourer and tractor driver
7	Preparing the land, harvesting
8	Preparing the land - clear land, plough land, dig drains, make beds, plant seedlings, water crops

QU	PAGE 59
1	Sausage corn beef and salami
2	Milking animals, feeding animals and cleaning pen



QU	PAGE 61
1	Dairy farmer
2	Ornamental plants
3	Animals are reared and crops are grown
4	Live stock
5	Roses
6	meat
7	Rearing of animals and growing of crops

QU	PAGE 62
8	a. Chicken - egg and meat   b. Goat - milk and meat   c. pig - meat   d. rabbit - meat
9	Match - goat - leather / pig - pork / chicken - egg / cow - milk
10	a. False   b. True   c. True   d. True   e. False   f. True   g. False
11	Feeding, cleaning, collecting eggs, vaccinating
12	Match - dairy farm - milk / poultry - meat and eggs / vegetable farm - crops are grow / flower and ornamental farm - decoration / mix farm - animals and crops

QU	PAGE 63
	Food Chain - grass - rabbit - fox / grass - grass hopper - snake

QU	PAGE 64
	Circle - corn - chicken - man
	Form Food Chains - green plant - goat - jackal / green plant - rabbit - wild cat

QU	PAGE 65
1	World Health Day
2	7 <sup>th</sup> April
3	Fruits and Vegetables
4	Doctor, nurses and nutritionist
5	To stay healthy and happy

QU	PAGE 66
	Circle - Simple Machines - knife, stapler, can opener, scissors, opener, pliers

QU	PAGE 67
1	To help us in our everyday life, to make work easier
2	Rock climber
3	Ladder, scale, can opener
4	-

QU	PAGE 69
1	To show support for environmental protection
2	Planting trees, recycling, using less chemicals
3	-

QU	PAGE 70
1	Rotation of the earth about its axis.
2	Swim, play football, play cricket
3	Watch television, sleep, read
4	-

QU	PAGE 71
1	World Environmental Day
2	5 <sup>th</sup> June
3	To raise global awareness, to take action, to protect nature and the planet earth
4	Do not litter, do not pollute, plant a tree
5	-

QU	PAGE 72
	Name - partly sunny, windy, sunny, rainy
1	Jan - May
2	Wet Season , June - Dec

QU	PAGE 76
	Name - Sunny, cloudy, rainy, partly sunny
1	Rainy day - stay inside, play board games, watch television
2	Windy day - fly kite, dry clothes

QU	PAGE 77
1	Grass
2	Sunny day
3	a. Grass - rabbit - snake    b. Grass - grass-hopper - frog    c. algae - fish - shark
4	Pliers, can opener, wheel barrow
5	False
6	-

QU	PAGE 78
7	a. Ecosystem    b. grass - grass-hopper - owl / grass - deer - wolf
8	Go to the beach, picnic, play cricket or football
9	Jan - May
10	-
11	a. Flooding, destruction of crops    b. drought, drying of crops
12	Dry season

QU	PAGE 79
13	Plant crops, play sports
14	a. False    b. True
15	Day activities - breakfast, wash the car, plant crops, school, riding bicycle
16	Night activities - looking at the stars, bed time, fireworks
17	-

QU	PAGE 81
1	True
2	True
3	False
4	False
5	True
6	True
7	Placing a blue bottle or cloth
8	Cow - religious purposes / chicken - food / dog - companion or pet / horse - transport

QU	PAGE 83
1	6 groups
2	Is one that has food from all the food groups in certain amounts
3	Circle - bread, macaroni, cake
4	Meat, cheese, milk
5	-
6	-

QU	PAGE 85
1	Salvia and mixes
2	Gullet and stomach
3	Squeezes
4	Juices
5	Small intestine
6	Blood
7	Remaining food
8	Waste
9	Rectum and faeces
10	Is what helps to soften the food in the mouth

QU	PAGE 86
1	Bones
2	It gives the body its shape
3	To protect the brain

QU	PAGE 87
1	Smell, how it looks, advertisements

QU	PAGE 88
2	Bathing every day, wearing clean clothes, brushing teeth, keeping nails clean and short
1	False
2	True
3	False
4	True
5	False
6	True

QU	PAGE 89
1	20 milk teeth
2	Incisors
3	Brush two time a day, floss daily, use mouth wash, eat fewer sweets, visit dentist twice per year