



NURTURE EXCELLENCE FOR GREATNESS

HOLIDAY PACKAGE

2020

SCIENCE

PRIMARY FOUR



Name: _____

Class: _____

Parents' Comment: _____

Sign _____ Date _____

PLANT LIFE

For questions 1-5 tick ☒ the correct alternative.

1) Which group of living things make their own food?

- ☐ Animals ☐ Plants
☐ Insects ☐ Worms

2) The following are the parts of a flowering plant that make up the shoot system except:

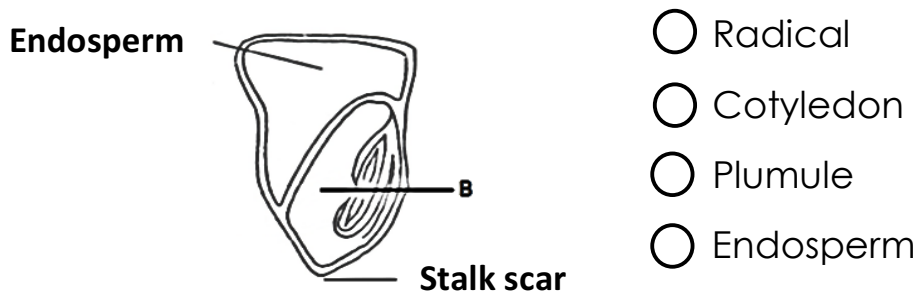
- ☐ Leaves ☐ Stems
☐ Flowers ☐ Roots

3) Identify the type of leaves shown below.

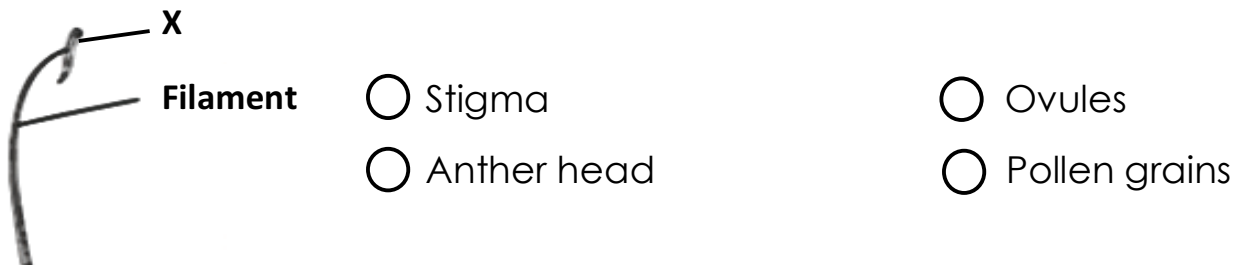


- ☐ Simple leaves ☐ Compound leaves
☐ Simple palmate leaves ☐ compound digitate leaves

4) What name is given to the part of a maize grain marked **B** in the diagram below?



5) The reproductive cells produced by the part of a flower marked **X** in the diagram below are called



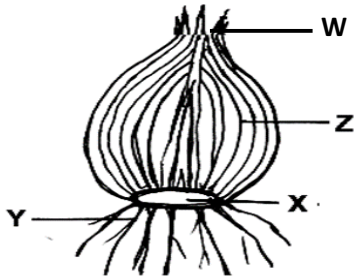
For questions 6-10, the answers must be written in the spaces provided.

6) What is germination?

7) How important are roots to a plant during photosynthesis?

8) Which part of a seed grows in to a new plant?

9) Use the diagram of the onion bulb below to answer the questions that follow.



a) Name the parts marked **W** and **X**.

W: _____

X: _____

b) How important is the part marked **Y** to the onion bulb?

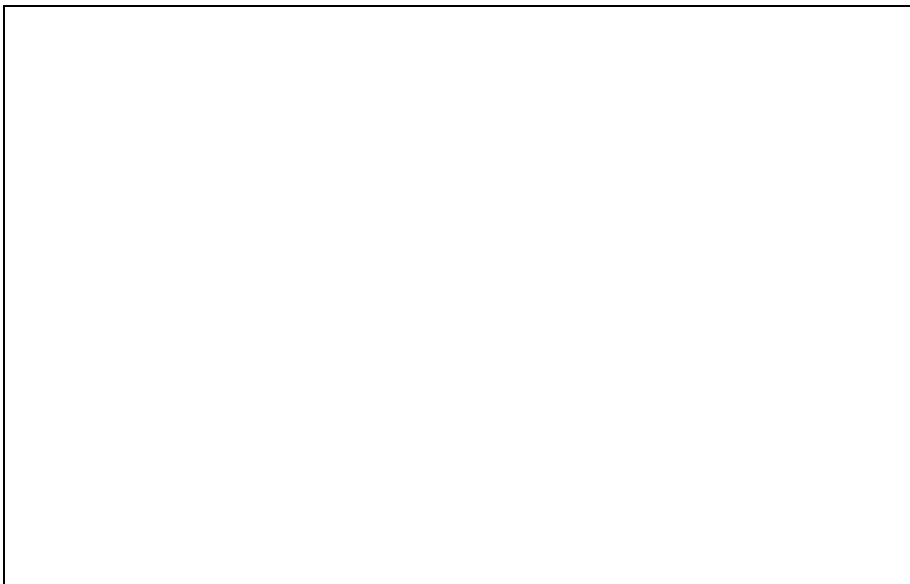
c) Mention the use of part marked **Z** to people.

10) a) Define transpiration.

b) Where does transpiration takes place in plants?

c) How are leaves suited to their function of carrying out transpiration?

d) Draw a well labeled diagram to show that transpiration takes place in the leaves.



GROWING CROPS

For questions 1-5 circle the letter with the correct alternative.

1) Plants grown for a purpose are called

- | | |
|---------------------|--------------------------|
| A Crops | C Cereals |
| B Vegetables | D Perennial crops |

2) Which of the following is **not** the way of caring for crops?

- | | |
|--------------------|-------------------|
| A Mulching | C Staking |
| B Uprooting | D Manuring |

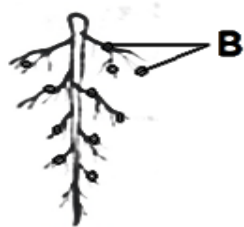
3) The following are the tools used in the garden except...

- | | |
|--|--|
| A  | C  |
| B  | D  |

4) The disease that commonly attacks cassava is called

- | | |
|--------------------------|--------------------------|
| A Cassava mosaic | C Panama |
| B Cassava disease | D Powderly mildew |

5) Which of the following statements is true about the part marked **B** in the diagram below?

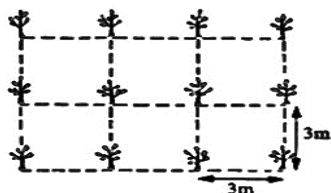


- | | |
|----------|--|
| A | It improves on soil aeration |
| B | It adds nitrogen fixing bacteria to the soil |
| C | It makes the soil fertile |
| D | It improves on soil drainage |

For questions 6-10, write the answers in the spaces provided.

6) What are leguminous crops?

7) Name the method of planting crops shown below.



8) Why do farmers commonly transplant seedlings in the evening?

9) Name the three types of food path.

- i) _____ iii) _____
ii) _____

10) Use the diagram below to answer the questions that follow.



a) Name the storage structure shown aside.

b) How important is the part marked **P**?

c) Mention one crop that can be stored in the structure shown aside.

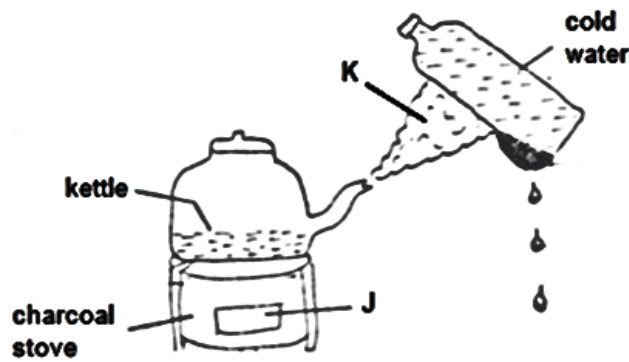
d) Give any one pest that commonly destroys crops in the storage structure shown above.

WEATHER CHANGES AROUND US

For questions 1-5 tick (✓) the most correct alternative.

- 1) The amount of rainwater that falls in a certain area at a given time is called
- | | |
|--------------------------------|-----------------------------------|
| <input type="radio"/> Rainfall | <input type="radio"/> Rain |
| <input type="radio"/> Weather | <input type="radio"/> Cloud cover |
- 2) Which of the following is the element of weather?
- | | |
|-------------------------------------|--------------------------------|
| <input type="radio"/> Rain | <input type="radio"/> Humidity |
| <input type="radio"/> Windy weather | <input type="radio"/> Rainy |
- 3) The type of rainfall received on land and places near water bodies is.....
- | | |
|---|---|
| <input type="radio"/> Relief rainfall | <input type="radio"/> Cyclonic rainfall |
| <input type="radio"/> Convectional rainfall | <input type="radio"/> Water body rainfall |
- 4) The instrument used to measure the amount of rainfall is called...
- | | |
|-----------------------------------|--|
| <input type="radio"/> Millimetres | <input type="radio"/> Rain gauge |
| <input type="radio"/> Thermometer | <input type="radio"/> Rain fall recorder |

5) The experiment below shows the water cycle. The part marked **K** is



- ☐ Boiling water
- ☐ Air
- ☐ Water vapour
- ☐ Rain water

For questions 6-10, the answers must be written in the spaces provided.

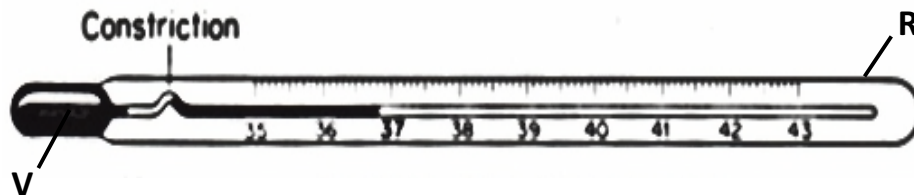
6) What is weather?

7) Name the type of weather shown below.



8) Why is a Stevenson screen painted white?

9) Use the diagram below to answer the questions that follow.



a) Name the parts marked **V** and **R**.

V: _____

R: _____

b) Which liquid is used in the instrument shown above?

c) How important is the above instrument to a doctor?

10) Draw a wind sock in the space below.



PERSONAL HYGIENE

For questions 1-5 circle the letter with the correct alternative.

1) The general cleanliness of our bodies and the things we use is termed as...

- A** Hygiene
- B** Sanitation
- C** Body cleanliness
- D** Personal hygiene

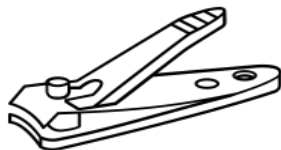
2) The following are the ways of keeping our bodies clean apart from.....

- A** Bathing regularly
- B** Combing our hair
- C** eating a balanced diet
- D** Brushing teeth regularly

3) Why do we wash our hands with clean water and soap after visiting a toilet?

- A** To kill germs
- B** To remove germs
- C** to remove bad smell
- D** to be smart

4) Name the item used for keeping personal hygiene shown below.



- A** Cutter
- B** Nail cutter
- C** Comb
- D** Razor blade

5) Which of the following result from poor personal hygiene?

- A** Bad smell
- B** Diseases
- C** Bad body smell
- D** Germs

For questions 6-10, the answers must be written in the spaces provided

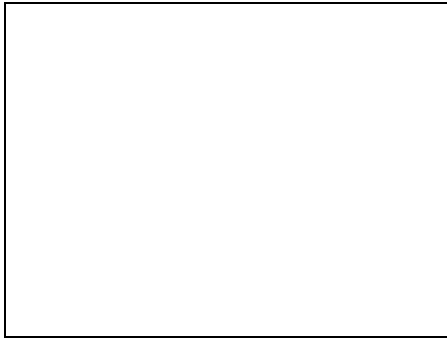
6) Write any one way of keeping our beddings clean?

7) Suggest two reasons why people iron their clothings and beddings.

8) How has the activity shown below contributed to the prevention of COVID-19?



- 9) Draw and name any one item used to promote proper personal hygiene in the space below.



- 10) Mention any one disease that attacks the skin if it's not kept properly.
-

OUR FOOD

For questions 1-5, tick (✓) in the circle with the correct alternative.

- 1) What name is given to the action of taking in food?

☐ Feeding ☐ Eating
☐ Cooking ☐ Balanced diet

- 2) Which of the following is not a class of food?

☐ Vitamins ☐ Carbohydrates
☐ Proteins ☐ Fats

- 3) Name the type of foods rich in the legume shown below.

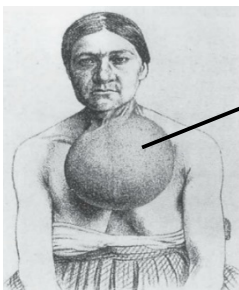


☐ Proteins ☐ Minerals
☐ Ground nuts ☐ Energy giving foods

- 4) Which of the following is a sign of kwashiorkor?

☐ Swollen neck ☐ thin body
☐ Old man's face ☐ Swollen moon face

- 5) Identify the deficiency disease shown below.



Swollen neck

☐ Beriberi ☐ Marasmus
☐ Goitre ☐ Rickets

For questions 6-10, write the answers in the spaces provided.

6) What is a balanced diet?

7) Outline any two importance of breast milk to a baby.

8) Match the following classes of food to their sources.

Proteins



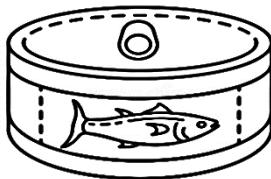
Vitamins



Carbohydrates



9) Use the diagram below to answer the questions that follow.



a) Name the method of food preservation shown above.

b) Give any one example of foods that can be preserved using the method shown above.

10) Name the deficiency disease caused by lack of vitamin C in the body.

HUMAN BODY ORGANS

For questions 1-5 circle the letter with the correct alternative.

1) What name is given to the group of tissues that perform the same function?

A An organ

C a tissue

B A cell

D the brain

2) Which of the following organs is the odd man out?

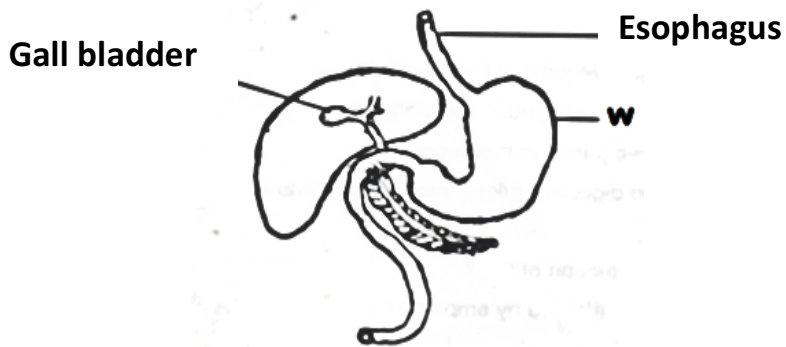
A Nose

C Eyes

B Ears

D Mouth

3) Name the human body organ marked **W** in the diagram below.



A Belly

C Spleen

B Stomach

D Liver

4) The wax found in the auditory canal of the ear helps to:

A Protect the ear

C keep the ear warm

B Hear sound

D trap dust and other foreign bodies

5) Give function of the human body organ shown below.



A For sensing

C for storing information

B For tasting

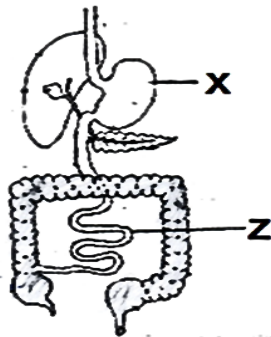
D for talking

For questions 6-10, the answers must be written in the spaces provide.

6) Name the main function of the heart in the body.

7) Mention any one disorder of the ears.

8) Use the diagram below to answer the questions that follow.



a) Name the parts marked **X** and **Z**.

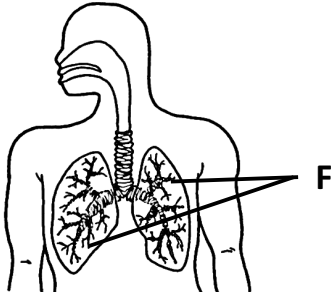
X: _____

Z: _____

b) How important is the part marked **X** during digestion of food?

9) Which part of the urinary system carries urine from the kidneys to the urinary bladder?

10) a) In the diagram below, name the organs marked F.



b) What is the function of the organ named in (a) above in the body?

THE TEETH

For questions 1-5, tick ☒ in the circle with the correct alternative.

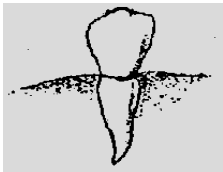
1) What name is given to the first set of teeth to grow in children?

- | | |
|---------------------------------------|--|
| <input type="radio"/> Permanent teeth | <input type="radio"/> Permanent set of teeth |
| <input type="radio"/> Milk teeth | <input type="radio"/> Young teeth |

2) Which of the following types of teeth is used for cutting and biting food?

- | | |
|--------------------------------|---------------------------------|
| <input type="radio"/> Incisors | <input type="radio"/> Premolars |
| <input type="radio"/> Canines | <input type="radio"/> Molars |

3) Name the tooth shown below.

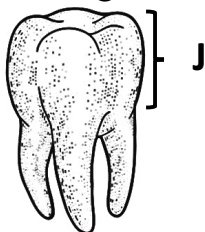


- | | |
|------------------------------------|--------------------------------------|
| <input type="radio"/> Canine tooth | <input type="radio"/> Premolar tooth |
| <input type="radio"/> Molar tooth | <input type="radio"/> Incisor tooth |

4) How many permanent teeth make up the lower jaw of a human being?

- | | |
|--------------------------------|--------------------------------|
| <input type="radio"/> 16 teeth | <input type="radio"/> 12 teeth |
| <input type="radio"/> 8 teeth | <input type="radio"/> 4 teeth |

5) The region marked J in the tooth shown below is



- | | |
|------------------------------|-----------------------------|
| <input type="radio"/> Neck | <input type="radio"/> Root |
| <input type="radio"/> Enamel | <input type="radio"/> Crown |

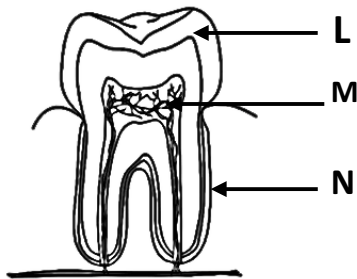
For questions 6-10, write the correct answer in the spaces provided.

6) Name the hardest part of the tooth.

7) Mention the germ that causes tooth decay.

8) How useful is the gum to a tooth?

9) Use the diagram of a tooth below to answer the questions that follow.



a) Name the parts marked **L** and **N**.

L: _____

N: _____

b) What is the function of the part marked **M**?

10) The diagram below shows one of the ways of caring for teeth. Use it to answer the questions that follow.



a) Name the way of caring for teeth shown aside.

b) How is the aside shown practice important in the prevention of teeth diseases?

SANITATION

For questions 1-5 circle the letter with the correct alternative.

1) Which of the following statements is true about sanitation?

- A** The keeping of our bodies clean
- B** The general cleanliness of our environment
- C** The keeping of our bodies clean and the things we use
- D** None of the above

2) One can promote proper sanitation by...

- A** Bathing regularly
- B** Washing the clothes
- C** Slashing bushes around our homes, schools and water sources
- D** Cutting the figure nails short

3) How important is the item shown below in the promotion of proper sanitation at school?



- A** It helps to kill germs **C** It helps to be clean
B Helps to prevent diseases **D** For collecting rubbish

4) The 4Fs in their correct order is....

- A** Feaces, fingers, flies, food **C** feaces, flies, food, fingers
B Flies, food, feaces, fingers **D** food, fingers, flies, feaces

5) What is the use of the machine shown below to a doctor?



- A** For killing germs **C** For treating people
B For seeing germs **D** For testing germs

For questions 6-10, write the correct answer in the spaces provided.

6) What is a germ?

7) How do germs enter our bodies?

8) Mention any two qualities of a good home.

i) _____ ii) _____

9) Name the element of a good home shown below.



10) How important is the activity shown below in the promotion of proper sanitation?



COMMUNICABLE, INTESTINAL DISEASES AND WORM INFECTION

For questions 1-5, tick (✓) in the circle with the correct alternative.

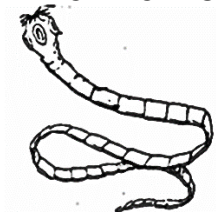
1) Communicable diseases are diseases which spread from...

- ☐ Sick person to another sick person
- ☐ One person to another
- ☐ Dirty places to people
- ☐ Children to adults

2) Which of the following is the odd man out?

- ☐ Dysentery
- ☐ Cholera
- ☐ Typhoid
- ☐ Malaria

3) What name is given to the intestinal worm shown below?

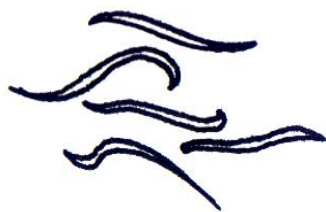


- ☐ Tape worm
- ☐ Whip worm
- ☐ Hook worm
- ☐ Thread worm

4) A person suffering from dehydration is given ORS in order to...

- ☐ Dehydrate the person
- ☐ Prevent dehydration
- ☐ To replace the lost fluids and mineral salts in the body
- ☐ To prevent death

5) Where in the human body do the parasites shown below breed from?



- ☐ Large intestine
- ☐ Liver
- ☐ Small intestine
- ☐ Around the anus

For questions 6-10, write the correct answer in the spaces provided.

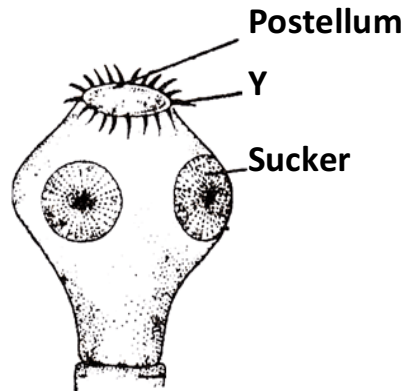
6) Define diarrhoeal diseases.

7) How is a dysentery victim different from a cholera victim?

8) Mention any one sign of dehydration.

9) State one condition that may result from a host having thread worms.

10) Use the diagram below to answer the questions that follow.



a) Name the part marked **Y**.

b) What is the use of the suckers to a tape worm?

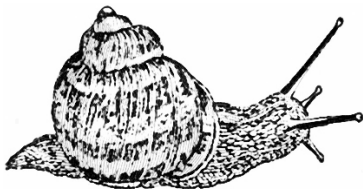
VECTORS AND DISEASES

For questions 1-5 circle the letter with the correct alternative.

1) The germs which spread diseases are called...

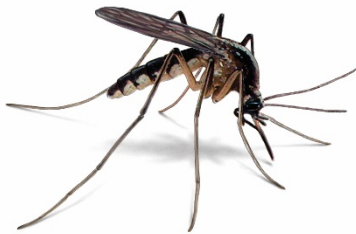
- | | |
|--------------------|-------------------|
| A Vectors | C Diseases |
| B Pathogens | D Bacteria |

2) What name is given to the vector shown below?



- | | |
|----------------------|----------------------|
| A Housefly | C Slug |
| B Water snail | D Caterpillar |

3) The larva stage of the vector below is called...



- | | |
|----------------------|------------------|
| A Caterpillar | C Imago |
| B Maggot | D Wiggler |

4) A housefly undergoes ...

- | |
|-----------------------------------|
| A Incomplete lifecycle |
| B Incomplete metamorphosis |
| C Complete metamorphosis |
| D 3 stages of development |

5) Which of the following statements is true about the vector shown below?



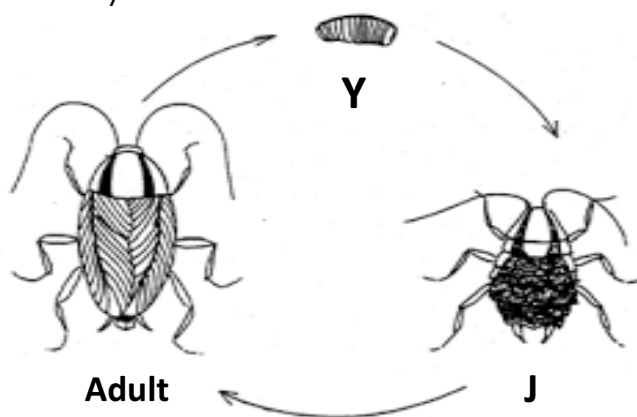
- A** Causes sleeping sickness
- B** Spreads trypanosoma germ
- C** Spreads bacteria
- D** Spreads sleeping sickness to cattle

For questions 6-10, write the correct answer in the spaces provided.

6) Why does female anopheles mosquito feed on blood?

7) Give a reason why bed bugs produce bad smell when touched.

8) Below is a life cycle of a cockroach. Use it to answer the questions that follow.



a) Name the stage marked **J**.

b) Identify any one place where cockroaches deposit stage marked **Y**.

c) What type of metamorphosis do cockroaches undergo?

9) What causes malaria?

10) Match the following vectors to the diseases that they spread.

Housefly

Scabies

Black fly

Rabies

Lice

River blindness

Mad dogs

Relapsing fever

Itch mites

Trachoma

ACCIDENTS, POISONING AND FIRST AID

For questions 1-5, tick (✓) in the circle with the correct alternative.

1) The following are the common accidents at home except

- | | |
|-----------------------------|--|
| <input type="radio"/> Burns | <input type="radio"/> Scalds |
| <input type="radio"/> Bites | <input type="radio"/> Road traffic accidents |

2) The main reason for giving first aid to a casualty is...

- | | |
|--|---|
| <input type="radio"/> To stop bleeding | <input type="radio"/> to save life |
| <input type="radio"/> To reduce pain | <input type="radio"/> to promote quick recovery |

3) What name is given to the tool shown below?

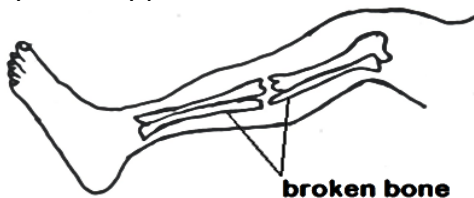


- | | |
|--------------------------------------|-------------------------------------|
| <input type="radio"/> First aid box | <input type="radio"/> First aid kit |
| <input type="radio"/> First aid tool | <input type="radio"/> First aider |

4) Which of the following injuries is caused by wet heat?

- | | |
|------------------------------|-----------------------------------|
| <input type="radio"/> Burns | <input type="radio"/> Dislocation |
| <input type="radio"/> Scalds | <input type="radio"/> Sprain |

5) Identify the type of fracture shown below.



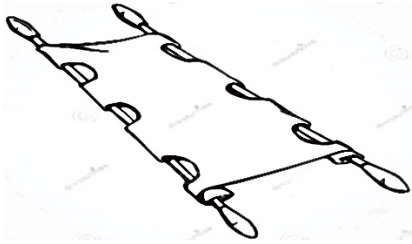
- | | |
|--|---|
| <input type="radio"/> Compound fracture | <input type="radio"/> Simple fracture |
| <input type="radio"/> Green stick fracture | <input type="radio"/> comminuted fracture |

For questions 6-10, write the correct answer in the spaces provided.

6) What is poisoning?

7) Mention the first aid for a bruise.

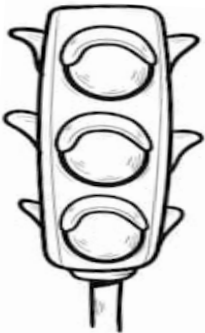
8) Give the use of the tool below to a first aider.



9) Mention any one cause of road traffic accidents shown below.



10) Use the diagram below to answer the questions that follow.



a) Name the road sign shown a side.

b) How is the road sign shown as important to the road users?

ANIMAL LIFE (RABBITRY)

For questions 1-5 circle the letter with the correct alternative.

1) What name is given to a mature male rabbit?

- | | |
|-----------------|------------------|
| A A doe | C a buck |
| B Kitten | D Pellets |

2) Which of the following is a characteristic of local breeds of rabbits?

- A** They produce low quality meat
- B** They have different colours
- C** They are smaller in size
- D** All the above

3) Name the exotic breed of rabbits shown below.



- A** Angora rabbit
- B** New Zealand rabbit
- C** Chinchilla rabbit
- D** Californian rabbit

4) The gestation period of a rabbit is

- A** 20 days
- B** 1 year
- C** 2 months
- D** 31 days

5) Identify the type of hutches shown below.



- A** Marrant hutch
- B** Caged hutch
- C** Local hutch
- D** Triangle hutch

For questions 6-10, write the correct answer in the spaces provided.

6) Define rabbit keeping.

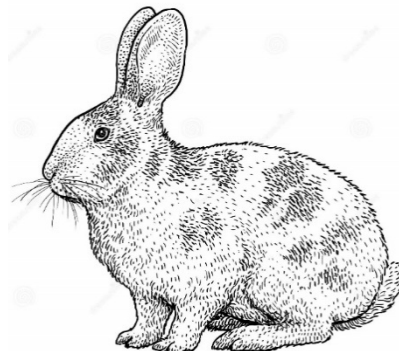
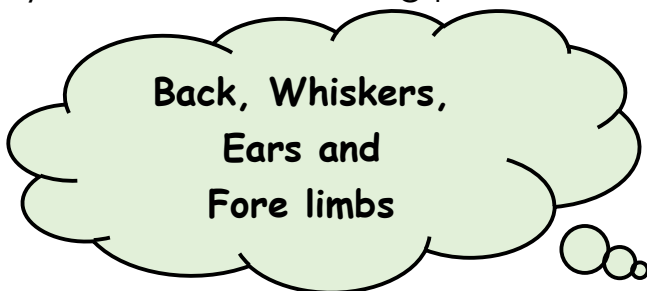
7) Outline any one advantage of keeping rabbits over other animals.

8) Give any two management practices in rabbit keeping.

i) _____ ii) _____

9) Which disease attacks both rabbits and poultry?

10) Label the following parts on the diagram of a rabbit shown below.



PROJECT WORK

TOPIC: ANIMAL LIFE

With the help of an adult, visit a nearby rabbit farm in your area then study and answer the following questions.

Questions

- | | |
|----|--|
| 1) | What is the name and the location of the rabbit farm? |
| 2) | What type (s) of rabbits are kept? |
| 3) | Mention the different types of hutches used. |
| 4) | Identify the different types of feeds used for feeding rabbits. |
| 5) | Give the examples of diseases that commonly attack rabbits in that area. |

6)	Outline the challenges faced by the owner of the farm.
7)	Take a picture of rabbits in a hutch and attach it in the space below.

*****END*****

..... Merry Christmas and prosperous New Year!