

1st Term Worksheet

Subject – Science

Class – IV

Name :

Sec. :

Chapter – 2

[Human Body : The Teeth]

Keywords:

[28]

Plaque: _____

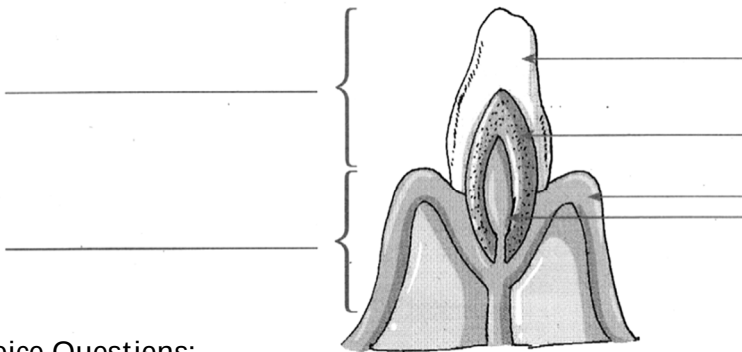
Enamel: _____

Exercise:

[28-30]

[A] This shows the structure of a canine tooth. Label the picture with words from the box: [28]

Crown Root Enamel Dentine Pulp Gum



[B] Multiple Choice Questions: [29]

- (i) How many teeth does a child of age 3 have?
- (a) 20 milk teeth (b) 20 permanent teeth
- (c) 32 milk teeth (d) 32 permanent teeth
- (ii) The hardest part of teeth is the:
- (a) Enamel (b) Dentine
- (c) Pulp (d) Gum
- (iii) Which teeth in your mouth are wide and flat?
- (a) Incisors (b) Molars
- (c) Premolars (d) Both (a) and (b)
- (iv) You get a toothache when a cavity in the tooth reaches the:
- (a) Crown (b) Dentine
- (c) Pulp (d) Gum

[C] Put ✓ for true, and ✕ for false: [29]

1. The enamel is harder than bones. _____
2. Every time a tooth falls off, a new tooth grows in its place. _____
3. All teeth have the same shape. _____
4. The dentine is the softest part of a tooth. _____
5. Once a cavity is formed in a tooth, it has to be taken out. _____

[D] What are each of these useful for? [29]

1. Incisors _____
2. Canines _____
3. Premolars and molars _____

[E] Name three nutrients that are good for your teeth and one food each in which these nutrients are present. [29]

Ans. _____

I	N	F	E	C	T	I	O	U	S	P
D	F	A	C	Z	W	X	Y	M	N	O
M	M	I	L	K	T	E	E	T	H	M
O	A	D	H	L	P	Q	V	X	Z	G
P	C	R	O	W	N	P	N	P	A	E
T	A	P	P	X	Y	O	A	U	C	R
E	N	X	M	N	O	P	Y	L	T	M
R	I	Z	O	A	C	E	G	P	P	S
C	N	M	D	E	N	T	I	S	T	C
S	E	O	A	P	L	Y	M	N	O	R
U	S	D	C	V	I	R	U	S	E	S

- Thinking Questions:** [30]

- [illegible]

2. Teeth start painning only when the cavity reaches the pulp. Why?

Ans- _____

Chapter – 3
[Human Body : The Digestive and Excretory Systems]

Keywords: [36]

Digestion: _____

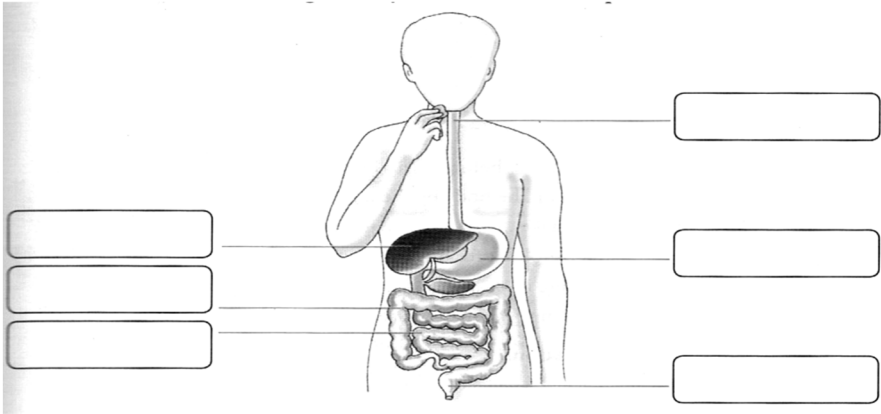
Saliva: _____

Food pipe: _____

Kidneys: _____

Exercise: [37-39]

[A] Label the parts of the digestive system marked in the picture: [37]



[B] Multiple Choice Questions: [37-38]

- (i) Which of these does saliva help in?
- | | |
|------------------------|-------------------------|
| (a) Softening the food | (b) Digestion of starch |
| (c) Removing waste | (d) Both (a) and (b) |
- (ii) Where is the digested food absorbed into the blood?
- | | |
|---------------------|---------------------|
| (a) Stomach | (b) Small intestine |
| (c) Large intestine | (d) Mouth |

- (iii) Where is water absorbed from the food?
- | | |
|---------------------|---------------------|
| (a) Stomach | (b) Food Pipe |
| (c) Small intestine | (d) Large intestine |
- (iv) Which of these cannot be digested by the digestive system?
- | | |
|----------------|------------|
| (a) Vegetables | (b) Sweets |
| (c) Meat | (d) Fibre |
- (v) Where does the process of digestion of food begin?
- | | |
|-------------|---------------------|
| (a) Mouth | (b) Food pipe |
| (c) Stomach | (d) Small intestine |
- (vi) Which of these excretory organs filter out waste materials from the blood?
- | | |
|-------------|-----------------|
| (a) Lungs | (b) Skin |
| (c) Kidneys | (d) All of them |

[C] Fill in the blanks: [38]

- The _____ system changes food into a form in which it can be used by the body.
- Food has to be _____ before it can be used by the cells.
- Food is taken to all cells of the body by the _____.
- The liver and pancreas make _____ juices.
- The _____ helps to mix food with saliva.
- Exercising just after eating is _____ (good/bad) for digestion.
- The _____ system is the main system in the body for excretion.

[D] How do these help in digestion? [38]

Teeth: _____

Saliva: _____

Liver: _____

Digestive juices: _____

Fibre: _____

[E] What happens to the food in the small intestine? [39]

Ans.

[F] What happens to the undigested portion of food? [39]

Ans.

[G] Why is excretion necessary?

[39]

Ans.

[illegible]

[H] Name two waste products that must be removed from the body.

[39]

Ans.

[illegible]

Thinking Questions:

[39]

1. Fibre cannot be digested. Therefore it is best to remove all fibre from food before eating.
Do you agree? Give reason.

Ans-

[illegible]

2. A small baby cannot eat any solid food. Why?

Ans-

[illegible]

3. An athlete thinks that if she eats a lot before a race, her body will get a lot of energy for the race. Do you agree with her? Why?

Ans- _____

Chapter – 4
[Adaptations in Animals]

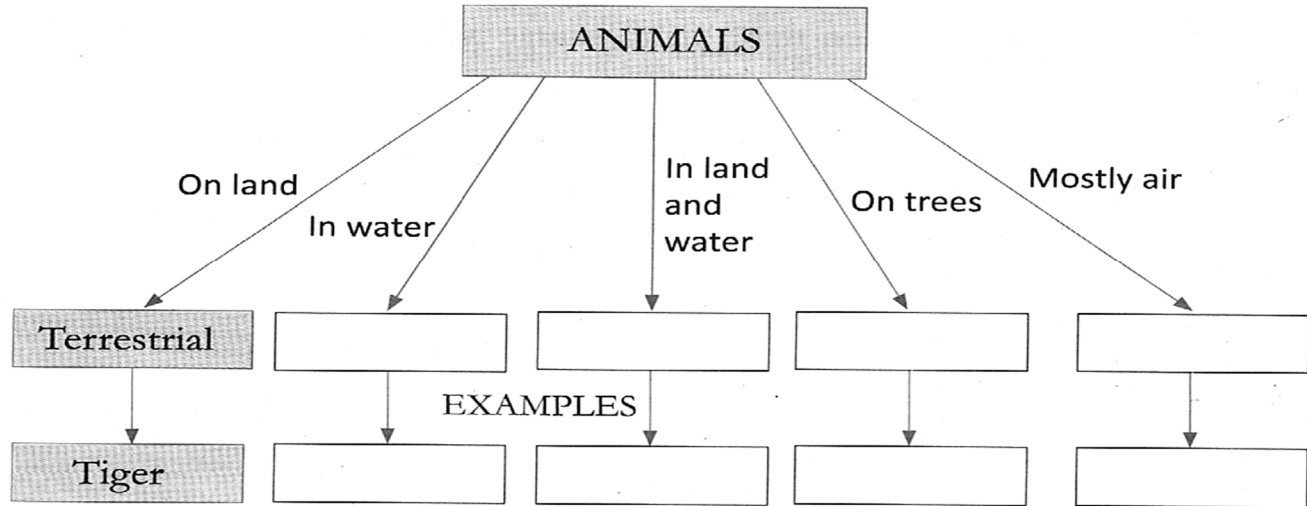
Keywords: [47]

Migration: _____

Hibernation: _____

Exercise: [48-50]

[A] Fill in the blank boxes in this mind map of where animals live: [48]



[B] Multiple Choice Questions: [48-49]

- (i) Most land animals breathe with the help of their:
- (a) Lungs (b) Gills
- (c) Skin (d) Stomata
- (ii) What is common between these animals – frog, newt, salamander?
- (a) They breathe only through lungs
- (b) They breathe only through gills
- (c) They breathe through lungs and gills
- (d) They breathe through lungs and skin
- (iii) Humans are:
- (a) Herbivores (b) Carnivores
- (c) Omnivores (d) Parasites

- (iv) Migration means:
- (a) Hunting for food during the day and coming home at night
 - (b) Hunting for food at night and coming home at sunrise
 - (c) Going to far off places to escape from cold winters, and returning in summers
 - (d) Going to sleep in winters to escape from cold
- (iv) Which of these animals lives inside the bodies of other animals?
- (a) Mosquito
 - (b) Roundworm
 - (c) Leech
 - (d) All of these
- (v) Which of these relies on camouflage?
- (a) Polar bear
 - (b) Stick insect
 - (c) Zebra
 - (d) All of these

[C] Fill in the blanks: [49]

- 1. Roundworm and tapeworm live _____ the bodies of humans and other animals.
- 2. _____ are the only mammals that can fly.
- 3. Snake have _____ which help them to crawl.
- 4. _____ have sharp cutting teeth in front and flat grinding teeth at the back.
- 5. We should _____ animals and be kind to them.

[D] Match the columns: [49]

Column A	Column B
1. A terrestrial animal that does not have legs	i. bird
2. An animal that can breathe through its skin	ii. mosquito
3. An animal whose tail helps it to move around	iii. snake
4. An animal that has hollow bones	iv. chameleon
5. An animal that sucks the blood of other animals	v. toad
6. An animal that can change color	vi. monkey

[E] Why is it necessary for animals to adapt themselves to the surroundings? [49]

Ans. _____

[F] What do the following mean? [49]

- 1. Aquatic animals _____
- 2. Arboreal animals _____
- 3. Aerial animals _____
- 4. Amphibians _____
- 5. Parasites _____

[G] How are the teeth of these animals adapted to suit the food they eat?

[50]

1. Herbivores

2. Carnivores

[H] Describe any two ways in which animals protect themselves.

[50]

Ans.

[illegible]

[1] List the adaptations found in aerial animals.

[50]

Ans.

[illegible]

[J]

[50]

- 1.

Ans.

[illegible]

- 2.

Ans.

[illegible]

- 3.

Ans.

[illegible]