

Worksheet - Class 8

Biology

Topic- Health and Hygiene

1. Fill in the blanks:

2. A nutritional disorder caused due to the deficiency of Iodine is _____.
3. A common term used for medicines which bring the fever of the body down is _____.
4. Malaria is carried by the _____ mosquito.
5. When a child is getting diet poor in proteins, it results in a disease called _____.
6. Tobacco contains a harmful substance called _____.
7. Hypersensitivity of an individual to any substance is called _____.
8. Plague is caused by a _____ transmitted by the bite of _____.
9. Ring worm is a disease caused by _____.
10. A vector is a _____ of disease.
11. The patients with renal failure are advised _____.

II. Give the scientific term for the following:

1. The diet with all the nutrients in right amount.
2. The diseases which are inherited from parents or grandparents.
3. The disease caused by the deficiency of Vitamin D.
4. The people who carries germs.
5. A disease causing agent which lacks a cellular organization and begin to reproduce only inside a host cell.
6. Nutrients like vitamins and minerals which are needed to prevent body from suffering from disorders.
7. Lack of RBC's in the blood.
8. Disease in which joints become inflamed and swollen.
9. A condition where the walls of the artery become brittle by hardening and thickening.
10. The condition when normal functioning of the body is disturbed.

III. Name one food which you will recommend to a person suffering from-

1. Beri- beri
2. Goitre
3. Anemia
4. Night blindness
5. Marasmus

IV. From the list of diseases given below, categorize them under four categories- viral, bacterial, protozoan and fungal.

Cholera, Plague, Malaria, Amoebic dysentery, Dengue, Polio, Yellow fever, Rabies, Chicken Pox, Ring Worm, Athlete's foot.

V. Match the given columns:

	Column A		Column B
1	Proteins	a	Vaccine
2	Pancreas	b	Arthritis
3	Iron	c	Plasmodium
4	Vitamin C	d	HIV virus
5	Bone joints	e	Mosquitoes
6	AIDS	f	Kwashiorkor
7	Waste material	g	Scurvy
8	Immunity	h	Anemia
9	Dengue	i	Insulin
10	Typhoid	j	Heart disease
11	Malaria	k	Bacterial
12	Atherosclerosis	l	Uremia

VI. Answer the following:

1. Why should you cover your arms and legs especially during rainy season?
2. Why should you cover your mouth while sneezing?
3. What should you do when you get fever?
4. Why there are no anti-viral medicines?
5. How do communicable diseases spread from person to person?

VII. Define the given terms:

- a. Vaccination -----

- b. Immunisation -----

- c. Fracture -----

- d. First –aid -----

VIII. Give full forms of the following abbreviations:

- a. HIV -----
- b. OPV-----
- c. AIDS-----

IX. Name the vaccine given for the immunization against the following diseases:

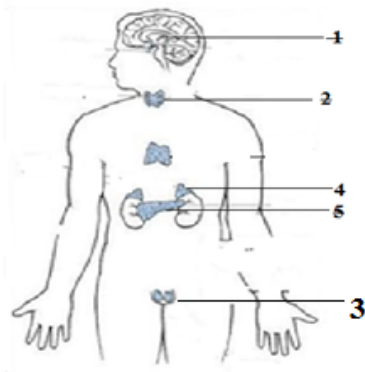
- a. Polio-----
- b. Typhoid -----

Worksheet Topic- Endocrine System

Give one word answer-

- i. Substances that bring about chemical coordination in living beings.-----
- ii. Glands with ducts.-----
- iii. Emergency hormone-----
- iv. Hormone secreted by ovaries is ----- and by testis is -----
- v. Age between puberty and full maturity .-----
- vi. Hormone responsible for calcium metabolism.-----
- vii. A feeling of being under too much pressure either mental or emotional.-----
- viii. Gland which controls sugar metabolism-----
- ix. Disease in which swelling of thyroid gland takes place-----
- x. Age between zero to two years in human beings-----

1. Observe the given figure and answer the questions that follow-



i. Label 1 to 5

- ii. Name the hormones secreted by 1- -----
3- -----
5- -----

iii. Name a disorder caused due to over secretion and under secretion of hormone by 1.

2. Give reason for the following –

- a. Adrenaline is called an emergency hormone.-----

- b. Endocrine glands are called ductless glands. -----

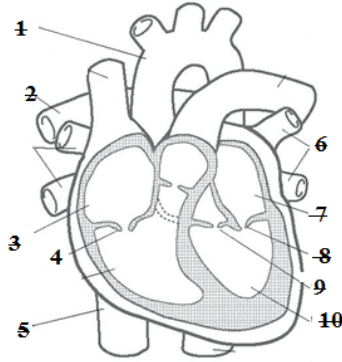
- c. Pituitary Gland is called a master gland.-----

d. Intake of iodised salt is helpful in body metabolism of the body.-----

Insulin and glucagon balance glucose level in blood.-----

WORKSHEET TOPIC - CIRCULATORY SYSTEM

1. Label the given diagram-



2. Give the function of parts labelled as-

- 1.-----
- 2.-----
- 4.-----
- 5.-----
- 6.-----
- 9.-----

3. Give reason for the following-

- a. Valves are present in the heart. -----
- b. Heart is enclosed by pericardium. -----
- c. Blood Group AB is called a universal acceptor. -----
- d.Cardiac arrest is considered an emergency situation -----

4. Define –

- a. Antigen-----
-
- b. Antibodies -----
-
- c. Lymph -----
-

d. Double circulation-----
