

# 3<sup>rd</sup> Term Worksheet [2018 – 19]

Subject – Biology

Class – VIII

Name :

Sec. :

## Chapter – 8

### [Health and Hygiene, First Aid]

#### Check Point:

[A] Mention the causative agents for the following diseases: [104]

1. Influenza: \_\_\_\_\_
2. Measles: \_\_\_\_\_
3. Malaria: \_\_\_\_\_
4. Dengue: \_\_\_\_\_
5. Chikungunya: \_\_\_\_\_
6. HIV: \_\_\_\_\_

[B] State True or False for the following sentences: [107]

1. The immune system makes proteins called antigens which react with the invading germs to destroy them and give protection to body against diseases. \_\_\_\_\_
2. Vaccine is introduced into the body by injection or orally. \_\_\_\_\_
3. All medicines are drugs as they cure us against infections. \_\_\_\_\_
4. Booster doses are given only once. \_\_\_\_\_
5. Vaccination and immunization are one and the same thing. \_\_\_\_\_

[C] Fill in the blanks: [110]

1. A \_\_\_\_\_ contains necessary medical items such as antiseptic lotion, antiseptic cream, band aids, scissors, crepe bandage, some painkillers etc.
2. If the cut is not deep, it is called \_\_\_\_\_.
3. \_\_\_\_\_ are the injuries to tissues under the skin.
4. \_\_\_\_\_ is a state where a person suddenly does not respond to any stimuli.
5. The fullform of CPR is \_\_\_\_\_.

**Keywords:** [111]

Balanced diet: \_\_\_\_\_

First aid: \_\_\_\_\_

Haemophilia: \_\_\_\_\_

Incubation period: \_\_\_\_\_

**Exercise:** [111-113]

[A] Multiple Choice Questions: [111-112]

- (i) Which of the following is not a congenital disease?
 

(a) Colour blindness	(b) Haemophilia
(c) Measles	(d) Thalassaemia

- (ii) Which of the following diseases is an example of droplet infection?
- (a) Measles (b) Influenza  
(c) Diphtheria (d) All
- (iii) Which of the following diseases is caused by a virus?
- (a) Rabies (b) Chicken pox  
(c) Influenza (d) All
- (iv) Which of the following bacteria is responsible for the cause of tuberculosis?
- (a) Mycobacterium tuberculosis (b) Vibrio cholerae  
(c) Salmonella typhi (d) Haemophilus pertussis
- (v) Which of the following is/are cause (s) of ill health?
- (a) Consuming tobacco (b) Drinking alcohol  
(c) Drugs addiction (d) All
- (vi) Which disease is caused by Vibrio Cholerae?
- (a) Polio (b) Malaria  
(c) Cholera (d) Typhoid
- (vii) The injury to tissues under the skin is called \_\_\_\_\_.
- (a) Superficial cut (b) Deep cut  
(c) Bruise (d) None

[B] Fill in the blanks: [112]

- The causative agent of chikungunya is \_\_\_\_\_.
- Mosquitoes spread \_\_\_\_\_ are they as the carriers of protozoan \_\_\_\_\_.
- Common cold, influenza, measles, cholera, typhoid, polio are a few examples of \_\_\_\_\_ diseases.
- AIDS is caused retrovirus, which is also known as \_\_\_\_\_.
- The third degree of burn are also called \_\_\_\_\_.
- \_\_\_\_\_ is a state where a person suddenly does not respond to any stimuli.

[C] Write true or false for the following statements: [112]

- Measles is caused by virus. \_\_\_\_\_
- The vector for Dengue is Aedes mosquito. \_\_\_\_\_
- Tobacco is very harmful as it contains nicotine. \_\_\_\_\_
- Vaccine is introduced in the body by injections and not orally. \_\_\_\_\_
- Application of ice cubes or ice bags reduce discoloration and swelling from the affected area. \_\_\_\_\_

[D] Choose the odd one out: [112]

- Influenza, Measles, Polio, Tetanus

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- Cholera, Typhoid, Rabies, Leprosy

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- Tapeworm, Pinworm, Roundworm, Plasmodium

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- Dengue, Cholera, Leprosy, Tetanus

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[E]

Complete the following table:

[112]

Name of the diseases	Causative agent	Preventive measure
Polio	Virus	
	CHIKV	Covering small pools of stagnant water
Dengue		
	Yersinia pestis	Rat management in rural and urban areas
	Salmonella typhi	

[E]

Very short answer type questions:

[113]

1. What does AIDS stand for?

Ans. \_\_\_\_\_  
\_\_\_\_\_

2. Name the disease caused by *Plasmodium*.

Ans. \_\_\_\_\_  
\_\_\_\_\_

3. Name the viral disease spread by the bite of a dog.

Ans. \_\_\_\_\_  
\_\_\_\_\_

4. What type of treatment is given to the person bitten by a snake?

Ans. \_\_\_\_\_  
\_\_\_\_\_

5. What does tobacco contain?

Ans. \_\_\_\_\_  
\_\_\_\_\_

[F]

Short answer type questions:

[113]

1. Define diseases. What is the difference between congenital and acquired diseases?

Ans. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Enumerate a few precautions which are essential to avoid AIDS.

Ans- \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. What is the vector of malaria?

Ans- \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4. What is the mode of transmission of typhoid?

Ans- \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5. Define vaccine.

Ans- \_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

6. Explain the following terms:

a. Allergy : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

b. Immunity : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

c. Vaccination : \_\_\_\_\_

\_\_\_\_\_

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7. What are the symptoms and preventive measures of dengue?

Ans- \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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8. Define first aid. What will you include in a first aid box?

Ans-

[illegible]

[G] Long answer type questions:

[113]

1. What are communicable or infectious diseases? Explain the mode of transmission, symptoms and treatment of following diseases:

a. Influenza      b. Measles      c. Chikungunya      d. HIV

Ans-

[illegible]

2. Explain the meaning of term vector. Mention the causative agent, symptoms and prevention of Dengue and Malaria.

Ans-

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[illegible]

3. Discuss the general methods of preventing diseases.

Ans-

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4. What is the difference between vaccination and immunization? Give an example.

Ans-

[illegible]

[illegible]

5. Explain the bad habits that lead to illness.

Ans-

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6. What do you understand by first aid? How would you administer first aid to a person who has got burns?

Ans-

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**Chapter – 9**  
**[Useful Microorganisms, Animals and Plants]**

**Check Point:**

[A] Give two examples for the following: [120]

1. Useful algae
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2. Exotic breeds of cow
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3. Viral diseases in cattle
- 
4. Improved breeds in hen
- 
5. Freshwater fish
- 

**Keywords:** [124]

Apiculture:

Cross breeds:

Exotic breeds:

Pisciculture:

Sericulture:

**Exercise:** [125-127]

[A] Multiple Choice Questions: [125]

- (i) Which of the following microorganisms is used in tobacco industry?

(a) Bacteria (b) Fungi

(c) Virus (d) None
- (ii) Which of the following fungi has anticancer properties?

(a) *Penicillium* (b) Clavacin

(c) *Aspergillus* (d) Yeast
- (iii) Which of the following is an indigenous breed of cow?

(a) Brown Swiss (b) Jersey

(c) Karan (d) Red Sindhi
- (iv) Which of the following feeds have more roughage content?

(a) Rice (b) Barley

(c) Hay (d) Husk
- (v) Rearing of honeybees is called

(a) Apiculture (b) Sericulture

(c) Pisciculture (d) Agriculture



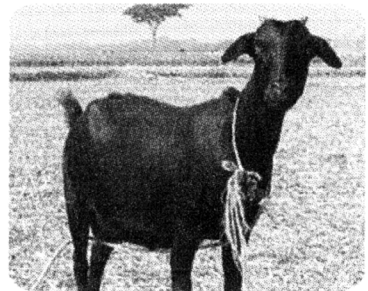
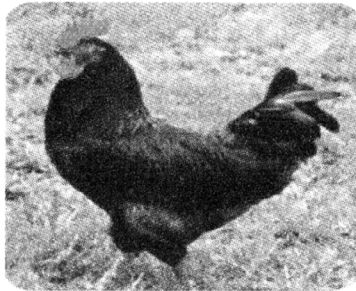
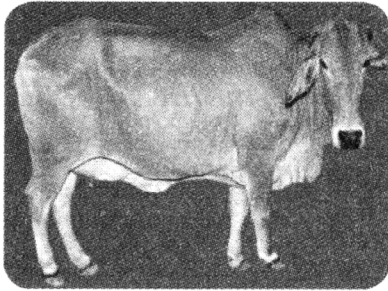
[B] Fill in the blanks: [125]

1. Streptomycin is obtained from \_\_\_\_\_.
2. \_\_\_\_\_ bacteria are found in root nodules of leguminous plants.
3. \_\_\_\_\_ and \_\_\_\_\_ are edible fungi.
4. Teak and shisham wood used for making \_\_\_\_\_.
5. The \_\_\_\_\_ lives on mulberry plants.

[C] Write True or False for the following sentences: [126]

1. Chloromycin is obtained from alga. \_\_\_\_\_
2. Agar is prepared from red algae. \_\_\_\_\_
3. Iodine is extracted from fungi. \_\_\_\_\_
4. Plants provide us nitrogen gas. \_\_\_\_\_
5. Vegetables provide us vitamins and minerals. \_\_\_\_\_
6. Hilsa and Tuna are the kinds of honeybee. \_\_\_\_\_

[D] Identify the breed of the given animals along with their names: [126]



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

[E] Very short type questions: [126]

1. Name a fungus that consists of carbohydrates, proteins and fats.

Ans. \_\_\_\_\_  
 \_\_\_\_\_

2. Give two examples of draught animals.

Ans. \_\_\_\_\_  
 \_\_\_\_\_

3. Who is known as the architect of white revolution?

Ans. \_\_\_\_\_  
 \_\_\_\_\_

4. Name a bacterial disease seen in sheep and goat.

Ans. \_\_\_\_\_  
 \_\_\_\_\_

5. What is the feed of poultry birds?

Ans. \_\_\_\_\_  
 \_\_\_\_\_

[G] Short answer type questions: [126]

1. Write the names of three antibiotics obtained from bacteria.

Ans. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

2. Enumerate a few uses of diatoms.

Ans.

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3. Write a short note on white revolution.

Ans.

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4. Differentiate between:

a. Indigenous and exotic breeds:

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b. Roughage and concentrate :

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c. Freshwater fish and marine fish :

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5. Mention any five important products that we obtain from plants.

Ans. \_\_\_\_\_

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\_\_\_\_\_

[G] Long answer type questions: [126-127]

1. Define:

a. Pisciculture: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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b. Apiculture: \_\_\_\_\_

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c. Sericulture: \_\_\_\_\_

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2. Describe the lifecycle of silkworm with the help of a well-labelled diagram.

Ans. \_\_\_\_\_

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Ans.

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4. Explain how fungi and bacteria are useful to us.

Ans. \_\_\_\_\_

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5. Mention any two disease of cattle and poultry along with their causes and symptoms.

Ans. \_\_\_\_\_

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**Chapter – 10**  
**[Agriculture and Agricultural Practices]**

**Check Point:**

[A] Fill in the blanks: [130]

1. Sowing of the Kharif crop starts at the beginning of the southwest monsoon from \_\_\_\_\_ to \_\_\_\_\_.
2. Beetroot and carrot are examples of \_\_\_\_\_ crops.
3. \_\_\_\_\_ soil contains an equal amount of sand and clay.

4. \_\_\_\_\_ crops include trees, shrubs, ornamental grasses, fruits, orchards, vegetables etc.
  5. Crops grown for profit are called \_\_\_\_\_ crops.
- [B] Write T for the True and F for the False sentences: [140]
1. We should select whole seeds and broken or crushed seeds should be avoided. \_\_\_\_\_
  2. Drip irrigation method is used where flood or furrow method is not possible. \_\_\_\_\_
  3. Green manure is rich in nitrogenous components and organic matter. \_\_\_\_\_
  4. Harmful chemicals are used in organic farming. \_\_\_\_\_
  5. Triple superphosphate is an example of phosphatic fertilizer. \_\_\_\_\_

**Keywords:** [140]

Agriculture: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Irrigation: \_\_\_\_\_

\_\_\_\_\_

Organic farming: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Pest: \_\_\_\_\_

**Exercise:** [141-143]

[A] Multiple Choice Questions: [141-142]

- (i) Which of the following is a *Kharif* crop?
 

(a) Linseed	(b) Mustard
(c) Gram	(d) <i>Tur</i>
- (ii) Which of the following is a biennial crop?
 

(a) Pea	(b) Rice
(c) Turnip	(d) Sunflower
- (iii) Which of the following is an agricultural crop?
 

(a) Fruits	(b) Vegetables
(c) Ornamental crops	(d) All
- (iv) Which of the following is an example of tuber crop?
 

(a) Colocasia	(b) Orchid
(c) Ginger	(d) Bay leaf
- (v) Which of the following crops are irrigated by basin irrigation method?
 

(a) Pumpkin	(b) Potato
(c) Cotton	(d) Radish
- (vi) Identify the crop component involved in one year rotation.
 

(a) Maize-mustard, Rice-wheat	(b) Maize-potato, Sugarcane-peas
(c) Rice, wheat-mung-mustard	(d) Sugarcane-berseem
- (vii) Which of the following is s weed?
 

(a) <i>Amaranthus</i>	(b) <i>Chenopodium</i>
(c) <i>Argemone</i>	(d) All
- (viii) Which of the following tools is used for cutting?
 

(a) Sickle	(b) Thresher
(c) Winnowers	(d) Spraying can

(ix) Sir Albert Howard introduced

(a) Organic farming

(b) Green revolution

(c) White revolution

(d) Mixed cropping

[B] Fill in the blanks:

[142]

1. Sowing of \_\_\_\_\_ crops takes place at the starting of winter.
2. Wheat, rice and maize are the examples of \_\_\_\_\_.
3. \_\_\_\_\_ are areas where fruits, vegetables and nut-producing trees are grown for obtaining profit or cash crops.
4. \_\_\_\_\_ is used for breaking clods.
5. A fertilizer is a \_\_\_\_\_ substance.
6. \_\_\_\_\_ is unwanted growing plants among the crops.
7. Weeding is done by a machine called \_\_\_\_\_.
8. \_\_\_\_\_ and \_\_\_\_\_ in organic farming help in controlling weed, diseases and pests.
9. \_\_\_\_\_ helps in the promotion of sustainable health and productivity of ecosystem such as soil, plants, animals and humans.
10. \_\_\_\_\_ crops are grown during the winter.

[C] State True or False for the following sentences:

[142]

1. Horticulture is a branch of agriculture which deals with the study of crop plants.  
\_\_\_\_\_
2. Bean, pea and gram are examples of pulses. \_\_\_\_\_
3. Seeds should not be diseases-resistant. \_\_\_\_\_
4. Sprinkler irrigation method is used where flood or furrow method is not possible.  
\_\_\_\_\_
5. Maize needs one year rotation. \_\_\_\_\_
6. Dicalcium phosphate is a kind of manure. \_\_\_\_\_
7. Fertilizers provide NPK to the soil. \_\_\_\_\_
8. Seeds or grains are separated from the hay by weeding. \_\_\_\_\_
9. Excessive water is not harmful for crops. \_\_\_\_\_
10. Organic farming degrades the biological activity of the soil. \_\_\_\_\_

[D] Look at the image given alongside and answer the given questions:

[142]



1. What are weeds?

Ans. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

2. Identify the name of weed shown in the given image.

Ans. \_\_\_\_\_  
 \_\_\_\_\_

3. Which machine is used for weeding?

Ans. \_\_\_\_\_  
 \_\_\_\_\_

4. Give an example of weedicide.

Ans. \_\_\_\_\_  
\_\_\_\_\_

[E] Very short type questions: [142]

1. Give an example of a nitrogenous fertilizer.

Ans. \_\_\_\_\_  
\_\_\_\_\_

2. What do you understand by orchards?

Ans. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Name any two commonly used fertilizers.

Ans. \_\_\_\_\_  
\_\_\_\_\_

4. What do we call the chemicals that are used to kill weeds?

Ans. \_\_\_\_\_  
\_\_\_\_\_

5. What so we call the process of cultivating crops?

Ans. \_\_\_\_\_  
\_\_\_\_\_

[G] Short answer type questions: [142]

1. Define agriculture and horticulture.

Ans. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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2. Write the names of the different instruments used in ploughing.

Ans. \_\_\_\_\_  
\_\_\_\_\_  
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[illegible][illegible][illegible]

1. Explain the method of seed selection and sowing seeds.

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[illegible][illegible][illegible]

Ans. \_\_\_\_\_  
\_\_\_\_\_

[illegible][illegible]

a. Weeding: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

b.      Winnowing: \_\_\_\_\_

c.      Storage of Agricultural products: \_\_\_\_\_

