

## Chapter 3: Sushruta (A Peep into the Past)

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### EXERCISE [PAGES 66 - 67]

#### Exercise | Q 1. (a) | Page 66

Answer the following question:

Who was Sushruta?

#### SOLUTION

Sushruta was a bright student of veterinary medicine.

#### Exercise | Q 1. (b) | Page 66

Answer the following question:

Who was Shalihotra?

#### SOLUTION

Shalihotra was Sushruta's teacher.

#### Exercise | Q 1. (c) | Page 66

Answer the following question:

What question did Shalihotra ask Sushruta?

#### SOLUTION

Shalihotra asked Sushruta what all he would need to perform surgery on a wonderful horse.

#### Exercise | Q 1. (d) | Page 66

Answer the following question:

How long a period did Shalihotra allow to find the missing things?

#### SOLUTION

Shalihotra allowed one week to find the missing things.

#### Exercise | Q 1. (e) | Page 66

Who erected the first known veterinary hospitals in the world?

#### SOLUTION

Emperor Ashoka erected the first known veterinary hospitals in the world.

#### Exercise | Q 2 | Page 66

What were the three things that Sushruta discovered?

#### SOLUTION

The three things that Sushruta discovered are:

- i. A good veterinarian should have an eagle's eye.
- ii. A good veterinarian should have a lion's heart.
- iii. A good veterinarian should have a mother's touch.

### Exercise | Q 3 | Page 66

**Explain the meaning of the following phrases :**

- a. An eagle's eye
- b. A lion's heart
- c. A mother's touch.

### **SOLUTION**

- a. **an eagle's eye** - a very sharp, watchful eye; noticing all details.
- b. **a lion's heart** - (here) balancing sympathy and science equally.
- c. **a mother's touch** - a concerned and loving attitude.

### Exercise | Q 4 | Page 66

Narrate the story of Sushruta in your own words.

### **SOLUTION**

Do it by yourself.

### Exercise | Q 5. (a) | Page 67

**Write a short note on the following:**

Veterinary Science in Ancient India.

### **SOLUTION**

A tradition of veterinary therapy developed very early in India. Based on the Ayurveda, Indian veterinary medicine is known for its specialized literature, which gives information on ancient methods of preventing and treating diseases of animals. The oldest existing veterinary text from India is a treatise entitled 'Asvayurveda Siddhanta' by Shalihotra. Subsequently, there is a treatise by Nakula titled 'Asva cikitsita'. Sushruta wrote on animal surgery, making people aware of surgical methods, dressing of wounds, bandaging of fractures, etc. Emperor Ashoka too contributed a lot to the practice of veterinary science.

### Exercise | Q 5. (b) | Page 67

**Write a short note on the following :**

Care of animals in the regime of Emperor Ashoka

### **SOLUTION**

The great Emperor Ashoka erected the first known veterinary hospitals. He arranged for the cultivation of herbal medicines for men and animals in his empire and the adjoining kingdoms. Animals were given tonics and stimulants, and their physical and mental

health was looked after. Prevention of diseases, cleanliness of animals, and their stalls and stables was given importance. The quality of food and the disadvantages of overfeeding were also looked into.

**Exercise | Q 5. (c) | Page 67**

**Write a short note on the following:**

Utilization of animal by-products in the ancient world.

**SOLUTION**

The utilization of animal by-products was done wisely by our ancestors. Conversion of milk into butter, ghee, curd, khoa, etc. was a common practice. The chicken was utilized for its meat while sheep were utilized for its wool.

**Exercise | Q 6 | Page 67**

**Form pairs. Complete the following table through discussions.**

Occupation	Necessary Qualities	Reasons
Student		
Teacher		
Housewife		
Sportsman		
Artist		
Singer		
Author		
Umpire		
Actor		
Scientist		

**SOLUTION**

Occupation	Necessary Qualities	Reasons
Student	obedience, hard work	to learn discipline, to do well in life
Teacher	understanding, kindness intelligence	to understand students, to deal with them well, to teach them well.
Housewife		
Sportsman		
Artist		

Singer		
Author		
Umpire		
Actor		
Scientist		

students do it yourself.

### Exercise | Q 7. (a) | Page 67

Use the suffix ‘-ly’ to make other words from the following:

- subsequent
- frequent
- wise
- immense
- beautiful

### SOLUTION

- subsequent - subsequently
- frequent - frequently
- wise - wisely
- immense - immensely
- beautiful - beautifully

### Exercise | Q 7. (b) | Page 67

Find two examples each, of the words made by using the following suffixes.

- -ness
- -er
- -let
- -ful
- -tion/sion
- -y

### SOLUTION

- **-ness:** happiness, cleanliness
- **-er:** teacher, founder
- **-let:** starlet, rivulet
- **-ful:** beautiful, plentiful
- **-tion/sion:** prevention, cultivation
- **-y:** beauty, creepy

### Exercise | Q 8 | Page 67

Frame questions beginning with the following words, based on the above passage.

- Who
- What
- Where
- When
- How
- Why

### **SOLUTION**

- **Who** was Sushruta?
- **What** did Shalihotra tell Sushruta?
- **Where** did Ashoka arrange the cultivation of herbal medicines?
- **When** did Sushruta write a book on surgery?
- **How** did Sushruta find the missing things?
- **Why** did veterinarians start accompanying armies?

### Exercise | Q 9 | Page 67

#### **Visit a library:**

Find more information/stories about scholars of the ancient world - Aryabhata, Bhaskaracharya, Varahamihira, Charaka, Nagarjuna, Jeevaka.

### **SOLUTION**

Students do it by yourself.