



**Maharashtra State Board of Secondary and  
Higher Secondary School  
Sub. : Animal Science and Technology  
Std. XI**

<b>Weightage to Units</b>			
Sr. No.	Name of the Chapter	Marks	Marks with option
1	Scope and opportunities in Animal Husbandry	4	6
2	Cattle Breeds	4	6
3	Buffalo Breeds	4	6
4	Goat and Sheep Breeds	4	4
5	Poultry Breeds	2	4
6	Feeds and Feeding	8	12
7	Forage Production	4	6
8	Feed Technology	4	6
9	Anatomy and Physiology of Livestock	12	19
10	Poultry Anatomy and Physiology	8	12
11	Animal Breeding and Selection	8	12
12	Reproductive Technologies	8	12
	<b>Total</b>	<b>70</b>	<b>105</b>

<b>Weightage to types of Questions</b>				
Sr. No.	Question type	Marks	Marks with option	Percentage
1.	Objective	18	18	25%
2.	Short Answer	38	59	55%
3.	Long answer	14	28	20%
	<b>Total</b>	<b>70</b>	<b>105</b>	<b>100%</b>

<b>Weightage to Objectives</b>				
Sr. No.	Objectives	Marks	Marks with option	Percentage
1.	Knowledge	14	14	20%
2.	Understanding	14	28	20%
3.	Application	28	42	40%
4.	Skill	14	21	20%
	<b>Total</b>	<b>70</b>	<b>105</b>	<b>100%</b>

### **Scheme of Evaluation**

* Internal evaluation (First Term) (Seminar / Tutorial / MCQ test / Unit Test)	25
* Theory examination (First Term)	50
* Internal evaluation (Second Term) (Seminar / Tutorial / MCQ test / Unit Test)	25
* Theory examination (Second Term) (Theory = 70 marks + Practical and Project work = 30)	100

Note :

- In final theory examination 20% weightage should be given for first term syllabus and 80% for second term syllabus.
- Practical examination of 30 marks including project work should be conducted at the time of second term examination.
- For passing minimum 35% marks are essential, out of which, minimum 25% marks must be from theory examination.

$$\text{Final Result} = \frac{25 + 50 + 25 + 100}{2} = \frac{200}{2} = \text{Average out of 100 marks}$$

## Pattern of Theory Question Paper

### Animal Science and Technology

- Theory question paper will be of 70 marks and of 3 hours duration.
- Question paper will include total 5 questions
- Blue print of the question paper will provided.

**Format and weightages of all the 5 questions should be as below.**

**Question : 1 :** It will include objective questions under 'A', 'B','C' and 'D' parts as follows

A. Fill in the blanks (each of 01 mark)	= 05
B. Match the pairs (each of 01 marks)	= 05
C. State True or false (Each of 01 marks)	= 04
D. Identify the odd one out	= 04
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	<b>= 18</b>

**Question : 2:** It will include short answer questions under 'A' and 'B' parts

A. Define any 2 out of 3 questions carrying 2 marks each.	= 04
B. Solve any 3 out of 4 questions carrying 2 marks each.	= 06
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	<b>= 10</b>

**Question : 3 :** It will includes short notes

Write short note any 4 out of 7 carrying 3 marks each	= 12
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	<b>= 12</b>

**Question : 4 :** It will include short answer questions

Solve any 4 out of 6 questions carrying 4 marks each.	=16
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	<b>= 16</b>

**Question :5 :** It will comprise of long answer questions under 'A' and 'B' parts.

A. Solve any 1 out of 2 questions carrying 6 marks each.	= 06
B. Solve any 1 out of 2 questions carrying 8 marks each.	= 08
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	<b>= 14</b>

**Total Marks = 70**

**Animal Science and Technology**  
**Std. XI**  
**Format of Question for Unit Test**

**Time : 1.30 hrs.**

**Marks : 25**

**Q.1 A) Select the appropriate alternative and complete the following statements. (04)**

- |    |    |    |    |    |
|----|----|----|----|----|
| 1) | a) | b) | c) | d) |
| 2) | a) | b) | c) | d) |
| 3) | a) | b) | c) | d) |
| 4) | a) | b) | c) | d) |

**(B) Match the following pairs (03)**

- | Group "A" | Group "B" |
|-----------|-----------|
| 1)        | a)        |
| 2)        | b)        |
| 3)        | c)        |
|           | d)        |

**Q. 2) Answer in brief (Any Four) (08)**

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_
- 5) \_\_\_\_\_

**Q. 3) Answer the following questions. (Any two) (06)**

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_

**Q. 4) Answer the following question in detail (Any One) (04)**

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_

# Animal Science and Technology

## Std. XI

### Format of Question for First Term Examination.

Time : 2.30 hrs.

Marks : 50

**Q.1 A) Select the appropriate alternative and complete the following statements. (05)**

1)

a)                      b)                      c)                      d)

2)

a)                      b)                      c)                      d)

3)

a)                      b)                      c)                      d)

4)

a)                      b)                      c)                      d)

5)

a)                      b)                      c)                      d)

**(B) Match the following pairs**

**(04)**

Group "A"

Group "B"

1)

a)

2)

b)

3)

c)

4)

d)

e)

f)

**(C) State true or false**

**(05)**

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_
- 5) \_\_\_\_\_

**Q. 2) Answer in brief (Any Five)**

**(10)**

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_
- 5) \_\_\_\_\_

**Q. 3) Answer the following questions. (Any four)**

**(12)**

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_
- 5) \_\_\_\_\_
- 6) \_\_\_\_\_

**Q. 4) Answer the following question (Any two)**

**(08)**

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_

**Q. 5) Answer any one of the following question in details.**

**(06)**

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_

# Animal Science and Technology

## Std. XI

### Format of Question for Annual Examination.

Time : 3.00 hrs.

Marks : 70

**Q.1 A) Select the appropriate alternative and complete the following statements. (05)**

1)

a)                      b)                      c)                      d)

2)

a)                      b)                      c)                      d)

3)

a)                      b)                      c)                      d)

4)

a)                      b)                      c)                      d)

5)

a)                      b)                      c)                      d)

**(B) Match the following pairs**

**(04)**

Group "A"

Group "B"

1)

a)

2)

b)

3)

c)

4)

d)

e)

f)

**(C) Find odd out**

**(04)**

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

4) \_\_\_\_\_

**(D) State true or false**

**(05)**

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_
- 5) \_\_\_\_\_

**Q. 2) A) Define the following (Any Two)**

**(04)**

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_

**B) Answer in brief (Any Three)**

**(06)**

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_

**Q. 3) Answer the following questions. (Any four)**

**(12)**

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_
- 5) \_\_\_\_\_
- 6) \_\_\_\_\_
- 7) \_\_\_\_\_

**Q. 4) Answer the following question (Any four)**

**(16)**

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_
- 5) \_\_\_\_\_

**Q. 5) A) Answer the following question in details. (Any one)**

**(06)**

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_

**B) Answer the following question in details. (Any one)**

**(08)**

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_