

**ANIMAL HUSBANDRY AND VETERINARY SCIENCE****Paper – I**Time Allowed : **Three Hours**Maximum Marks : **200****Question Paper Specific Instructions**

*Please read each of the following instructions carefully before attempting questions :*

*There are **EIGHT** questions in all, out of which **FIVE** are to be attempted.*

*Questions no. **1** and **5** are compulsory. Out of the remaining **SIX** questions, **THREE** are to be attempted selecting at least **ONE** question from each of the two Sections A and B.*

*Attempts of questions shall be counted in sequential order. Unless struck off, attempt of a question shall be counted even if attempted partly. Any page or portion of the page left blank in the Question-cum-Answer Booklet must be clearly struck off.*

*All questions carry equal marks. The number of marks carried by a question/part is indicated against it.*

*Answers must be written in **ENGLISH** only.*

*Neat sketches may be drawn, wherever required.*

**SECTION A**

- Q1. Write short notes on the following :** **8×5=40**
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|-----|--|---|
| (a) | Role of microbes in rumen fermentation                         | 8 |
| (b) | Factors affecting absorption of calcium                        | 8 |
| (c) | Environmental factors affecting animal behaviour               | 8 |
| (d) | Hormonal control of milk ejection in buffalo                   | 8 |
| (e) | Inter-relationship between muscle composition and meat quality | 8 |