

COMBINED COMPETITIVE EXAMINATION (MAIN)

ANIMAL HUSBANDRY AND VETERINARY SCIENCES

Paper—I

Time : 3 hours

Full Marks : 200

Note : (1) The figures in the right-hand margin indicate full marks for the questions.

(2) Attempt **five** questions in all.

(3) Question No. **1** is compulsory.

1. Answer any *ten* of the following questions :

4×10=40

- (a) What is probiotics? Mention the characteristics of good probiotics.
- (b) Differentiate among the nutritive values of pasteurized, standardized and homogenized milk.
- (c) Why are piglets more susceptible to anaemia?
- (d) What are the points to be kept in mind while collecting and transporting raw milk from rural India?
- (e) Write a note on physiological adaptation of animals in high altitude.
- (f) What is calving index?
- (g) What are the advantages and limitations of artificial insemination in pig?
- (h) What managerial practices could be followed to control heat stress in livestock?
- (i) Reduced floor and feeding space affect poultry production. Explain.
- (j) Define energy-protein ratio and mention its importance in poultry.
- (k) What are BIS specifications for chick starter, grower and layer in terms of CP, ME and CF?

