



DIPLOMA IN AGRICULTURAL ENGINEERING
CENTRALIZED QUESTION BANK

1023234620 - FARM STRUCTURAL DRAWING

DIRECTORATE OF TECHNICAL
EDUCATION GOVERNMENT OF
TAMILNADU

DIRECTORATE OF TECHNICAL EDUCATION, GUINDY, CHENNAI- 600 025
BOARD OF EXAMINATIONS

DIPLOMA PRACTICAL EXAMINATIONS – APRIL 2025
REGULATION R 2023

SUBJECT CODE: 1023234620

COURSE CODE: 1023

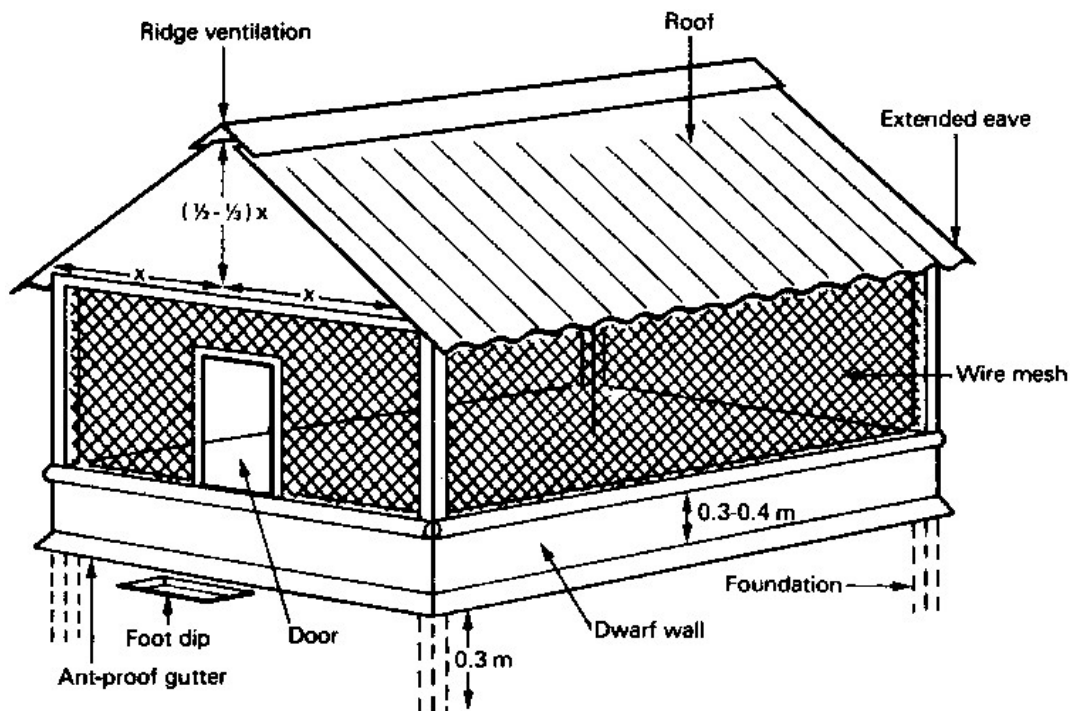
SUBJECT NAME: FARM STRUCTURAL DRAWING

SEMESTER: IV

MAX MARKS: 100

ANSWER ANY ONE QUESTION

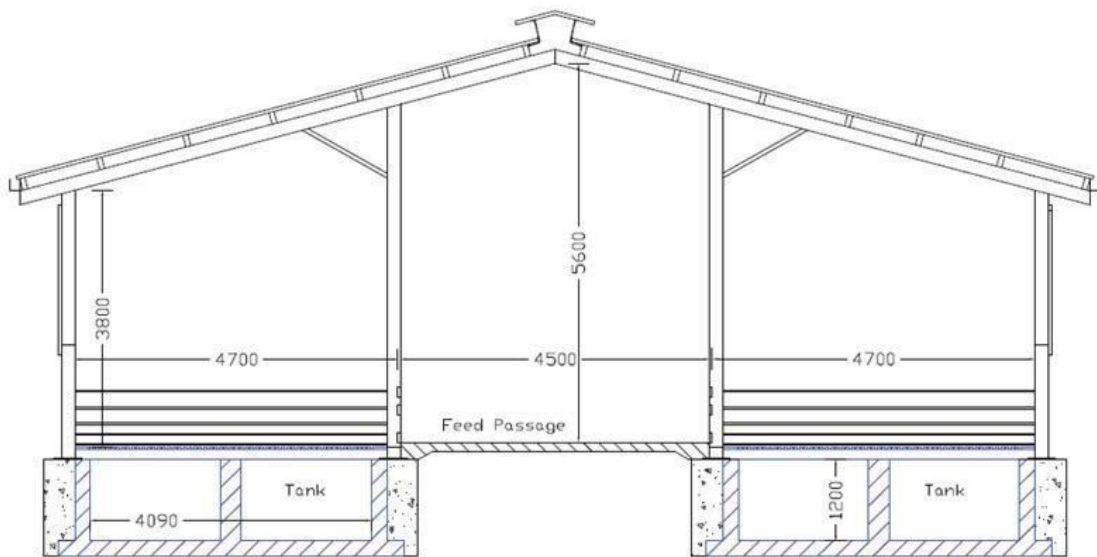
1. Design & Draw a poultry house. (MANUAL & CAD)



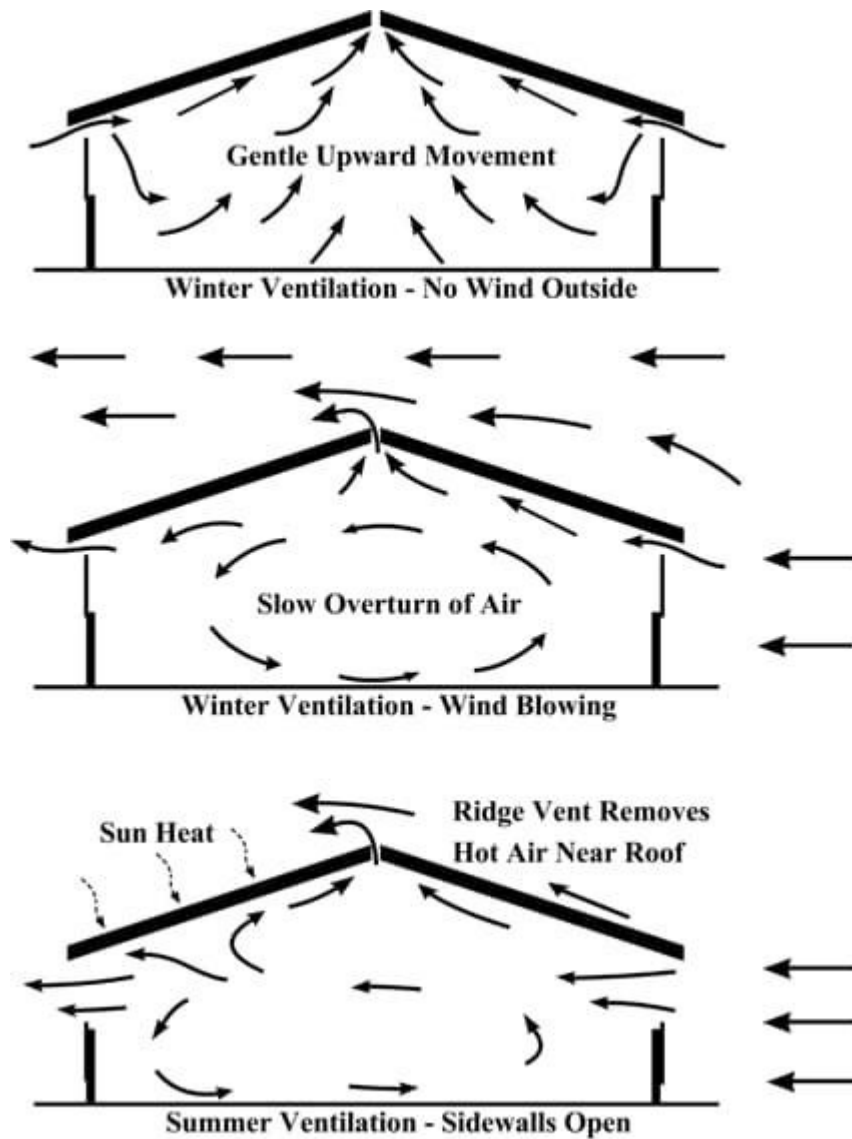
2. Design & Draw of a sheep or goat house. (MANUAL &CAD)

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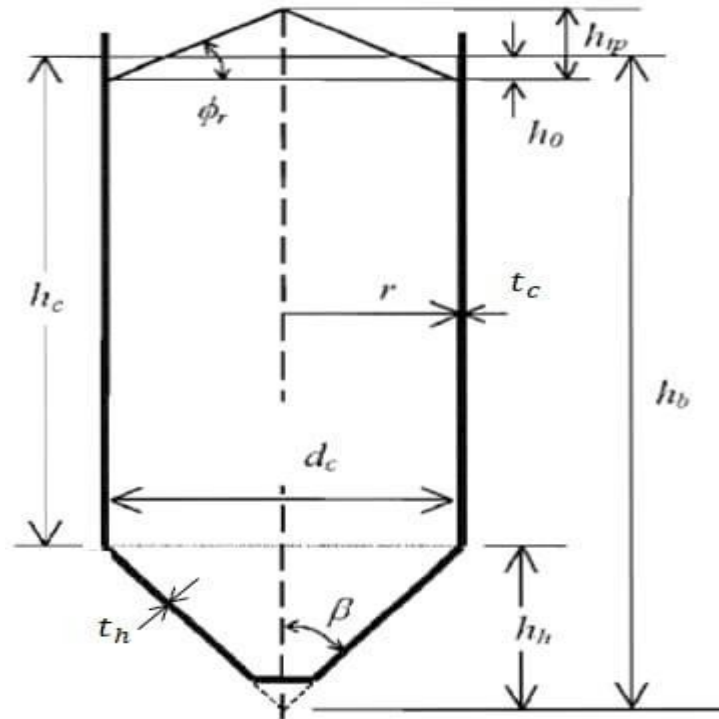
Section view of four-bay slatted sheep shed.



3. Design& Draw of ventilation system for dairy and poultry house. (MANUAL &CAD)



4. Design& Draw of silos – over ground storages or warehouse. (MANUAL &CAD)



The diagram illustrates a wire mesh fence structure with the following details:

- Materials:**
 - Top rail: Iron pipe ϕ 50 mm or angle iron
 - Bottom rail: Iron pipe ϕ 32 mm or angle iron
 - Vertical posts: Iron pipe ϕ 50 mm or angle iron
 - Wiring: Barbed wire (top) and Woven wire (bottom)
- Dimensions:**
 - Height of the woven wire section: 120 cm
 - Height of the barbed wire section: 60 cm
 - Distance between vertical posts: 1.8 m
 - Offset from the bottom rail to the start of the woven wire: 30 cm

FRONT VIEW

Fig. 44.7. Sectional View of Head to Bead Barn.

ALLOCATION OF MARKS

Sl. No	DESCRIPTION	MARKS
1	Aim & procedure	10
2	Drafting	50
3	Accuracy & Dimensioning	30
4	Viva Voce	10
Total		100