



SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107

AN AUTONOMOUS INSTITUTION

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



2 Marks-IAE 3

1. Define the function of a sluice in traditional irrigation systems?

A sluice controls the flow of water from tanks to the agricultural fields. It helps regulate the water released during irrigation to prevent wastage. This ensures timely and efficient distribution of water to crops.

2. List the uses of Kumizhi Thoompu during the Chola period.

Kumizhi Thoompu was used to drain excess water from irrigation tanks. It helped prevent the tanks from overflowing and protected the bunds from damage. This maintained balance and stability in the water management system.

3. Infer the purpose of wells designed for cattle.

Wells designed for cattle were made shallow to allow easy access for animals. These wells provided drinking water for cattle near grazing lands. This helped maintain the health and productivity of livestock.

4. What is the aim of the Tamil Virtual Academy?

The Tamil Virtual Academy aims to promote Tamil language and culture through digital education. It offers online courses and digital resources for learners worldwide. The main goal is to preserve and globalize Tamil heritage using technology.

5. Interpret Sorkuvai project.

The Sorkuvai project is a digital initiative focused on collecting and preserving Tamil vocabulary. It builds a comprehensive digital lexicon to support modern Tamil language use. This project aids language research and the development of Tamil software.

6. What is the role of tanks in traditional Tamil irrigation?

Tanks played a crucial role by storing rainwater for use throughout the year. They ensured water availability for agriculture especially during dry seasons. Tanks were central to traditional water conservation and irrigation systems.

7. Show the agricultural significance of animal husbandry in ancient Tamil Nadu.

Animal husbandry was important as cattle were used for ploughing fields and transporting goods. They provided manure which enriched the soil and improved crop yields. Overall, livestock supported sustainable agricultural practices.

8. Why were ponds and wells essential for village-level irrigation?

Ponds and wells provided a reliable source of water for villages at the local level. They supported irrigation for small farms and daily water needs of the community. Their availability was critical during dry spells and droughts.

9. Infer the main function of Tamil Digital Library.

The Tamil Digital Library's main function is to archive and provide digital access to Tamil literary and historical texts. It preserves both ancient manuscripts and modern works for global access. This supports education, research, and cultural preservation.

10. List the objectives of Tamil software development.

The objectives include creating software tools that enable Tamil language usage on digital devices. It promotes digital literacy and accessibility for Tamil speakers. Additionally, it aims to preserve and advance Tamil in the digital era.