UNIVERSITY OF SCIENCE, VNU HCM

MIDTERM EXAMINATION

Semester 1 - Academic Year 2023-2024

STORAGE CODE (to be filled by the QA-AE department)

Course name:	**Applications of Nuclear Engineering in Industry**	**Code:**	**NTE10108**
Exam Duration:	**60 minutes**	Date:	**13/11/2023**

Note: *Students* [□ *are allowed /* □ *not are allowed*] *to use materials during the exam.*

Question 1: Briefly present nuclear applications in industry.

Question 2: To handle the problem of sedimentation and collapse of the bed in industrial towers with an outer diameter of 2.9m, a wall thickness of 15mm, and a height of 20m in chemical and petrochemical plants. Please introduce and apply a method that can evaluate this phenomenon and arrange a corresponding measurement system.

(The exam consists of 1 pages)

Name of the exam setter/ID: TRẦN THIỆN THANH Signature: [Page 1/1]

Name of the exam reviewer: Signature: