

Information sheet -2023/2024

ADU5308 – Graph Theory
Level 05 – Applied Mathematics
Department of Mathematics
The Open University of Sri Lanka

This document contains very useful information related to level 05 Applied Mathematics course: **Graph Theory** offered by the Department of Mathematics. It is advised to read and understand the information given so that you may be able to successfully engage in all the academic activities in The Open University.

1.0 Applied Mathematics Course: ADU5308 – Graph Theory

Course Code	Course Title	Credits	No of Books	Semester	Course Coordinator	Day School Conductor
ADU5308	Graph Theory	3	1	II	Mrs. C. W. Sahabandu	Mrs. C. W. Sahabandu

2.0 Day Schools (DS)

Day Schools for all courses will conduct **in hybrid mode**. These DS will not take the form of conventional lectures. For a course of 3 credits or 2 credits there will be **10 hours day schools** and **2 hours revision day school**. These day schools are particularly designed to give the student an opportunity to get the doubts in the course material/course clarified.

3.0 Evaluation:

Evaluation procedure involves both continuous assessment tests and final examination. A student's progress is assessed continuously for a course by two continuous assessments tests (**CAT1 and CAT 2**). To be eligible to sit the final examination of a course, a student should score a minimum of 35% for its continuous assessment tests, which will be valid for two years. You are advised to do very well in these tests because it goes a long way to determine your CAM Mark to sit for the Final Examination at the end of the course. There will be assessment test for all Courses.

OBT, NBT and Final examinations are held at **Regional Centers in Colombo, Kandy, Matara, Anuradhapura, Batticaloa, Badulla, Kurunegala, Jaffna and Ratnapura** and Study centers in **Galle, Kalutara, Gampaha and Kegalle**.

3.1 Final Examination

The Final Examination paper will be consists six (06) essay questions of which four (04) has to be answered.

3.2 Application to sit the final examination

In each semester students are required to apply for the Final Examination online.

4.0 Calculating CAM mark and Overall mark

4.1 Calculating the CAM mark

Out of the two tests (CAT1, CAT2) if

A \longrightarrow Maximum Mark

B \longrightarrow Minimum Mark

$$\text{CAM} = A(60\%) + B(40\%)$$

4.2 Calculating Overall Mark

Overall Mark: For the courses offered by the Faculty of Natural Sciences, overall mark, “Z%” will be computed by a combination of the Continuous Assessment Mark (CAM), “X%” and the Final Examination Mark (FEM), “Y%” as follows.

$$\text{If } Y \geq 40, \text{ then } Z = 0.4 X + 0.6 Y$$

$$\text{If } 30 \leq Y < 40, \text{ then } Z = 0.4 X + 0.6 Y, \text{ subject to a maximum of } 40.$$

$$\text{If } Y < 30, \text{ then } Z = Y$$

5.0 E-Learn

There is an online supplementary course available for PEU5305. The students are strongly advised to receive the fullest benefit from the resources provided through E-learn. The instructions to use the E-learn will be provided with necessary information.

6.0 Contact Names and Telephone Numbers:

If you need further information regarding these courses or if you have not received the course materials on time, please contact us immediately.

Course Coordinator	Contact No	Email
Mrs. C. W. Sahabandu	0112881443	cwsah@ou.ac.lk