

**Information Sheet 2023/2024**  
**PEU5303 – Number Theory**  
**Level 05 – Pure Mathematics**  
**Department of Mathematics**  
**The Open University of Sri Lanka**

This document contains useful information related to level 05 Pure Mathematics course: Number 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 of the course.

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Semester</b>	<b>Course Coordinator</b>	<b>Day School Conductor</b>
PEU5303	Number Theory	03	02	Mr. M. I. Irshad	Mr. M. I. Irshad

**Day Schools (DS):**

The Day Schools will not take the form of conventional lectures. It will be delivered online for most sessions, with some sessions delivered both onsite and online. In these DS important sections and questions related to the lesson material will be discussed. For a course of 3 credits, there will be five (05) two-hour day schools and one (01) two-hour revision day schools. These day schools are particularly designed to give the student an opportunity to get the doubts in the course material/course clarified.

**Evaluation:**

Evaluation is based on Assignment Tests and a final examination.

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

**Final Examination:**

The final examination is **two hours'** duration. It consists of (06) essay type questions of which 04 to be answered.

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

## **Calculating Overall Continuous Assessment Mark (OCAM) and Overall Mark (OM):**

### **Calculating the CAM Mark:**

Out of the two testes CAT1 and CAT 2 if  $A = \text{Maximum Mark (CAT1, CAT 2)}$   
 $B = \text{Minimum Mark (CAT1, CAT 2)}$  then **OCAM = A (60%) + B (40%)**.

If **OCAM  $\geq 35$** , you are **eligible** to sit for the final examination.

### **Calculating the Overall Mark (OM):**

If the final mark (FE) is  $Y$  and if  $Y > 40$  then  $OM = 40\% (\text{OCAM}) + 60\% (Y)$ .

If  $30 < Y < 40$  then  $OM = 40\% (\text{OCAM}) + 60\% (Y)$  subject to a maximum of 40.

If  $Y < 30$  then  $OM = Y$ .

### **Learn OUSL:**

There are online supplementary courses available in the Learn OUSL for Level 5 Pure Mathematics Courses. The students are strongly advised to receive the fullest benefit from the resources provided through Lean OUSL.

### **Contact Names and Telephone Numbers:**

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

<b>Course Coordinator</b>	<b>Contact No</b>	<b>Email</b>
Mr. M. I. Irshad	0212223374	miirs@ou.ac.lk