



<b>B.COM. SEMESTER – 2</b>		
<b>7</b>	<b>VAC 2</b>	<b>VEDIC MATHEMATICS – 1</b>

Name of the Course: **Vedic Mathematics – 1**  
 Course credit: **02**  
 Teaching Hours: **30 (Hours)**  
 Total marks: **50**

**Objectives:**

To do calculations in Arithmetic for that matter and simplify and speed up calculations.

**Learning Outcomes:**

After completion of the course, learners will be able to:

1. Be able to apply problem-solving and logical skills.
2. Be able to communicate mathematical / logical ideas in writing.
3. Be able to have solid knowledge of elementary statistics.

<b>PARTICULAR</b>	<b>NO. OF LECTURES</b>
<b>UNIT NO. 1 : INTRODUCTION TO VEDIC MATHEMATICS</b>	
- History of Vedic Mathematics. - About the father of Vedic Mathematics. - Features of Vedic Mathematics	<b>10</b>
<b>UNIT NO. 2 : HIGH SPEED ADDITION</b>	
- Addition without carrying. - Addition using dot method. - Addition using dot method – Random digits	<b>10</b>
<b>UNIT NO. 3 : HIGH SPEED SUBTRACTION</b>	
- Subtraction using all from 9 last from 10. - Subtraction using appropriate base	<b>10</b>
<b>Total Lectures/Hours</b>	
	<b>30</b>

**Suggested Readings:**

1. Vedic Mathematics - Shri Gijubhai Bharad

**Note: Learners are advised to use latest edition of text/reference books**

