**St. Gregorios College, Kottarakara**

Department of Mathematics

**Add on Course in Skills in Basic Arithmetic, Reasoning and Logic**

**Scheme and syllabus**

The Department of Mathematics, St. Gregorios College, Kottarakara initiated a job oriented add on course in Skills in Basic Arithmetic, Reasoning and Logic. The course shall extended over a period of one year. Candidates for admission to the course should be a degree student of the St. Gregorios College, Kottarakara. A panel of experts from various relevant departments will undertake classes. There will be an examination during the completion of the course and certificate shall be issued for passed candidates.

Examination

|  |  |  |  |
| --- | --- | --- | --- |
| Continuous Evaluation | | End Course Examination | Total |
| Attendance | Assignment |
| 10 | 10 | 80 | 100 |

Syllabus

**UNIT I** Basic operations on numbers (4 hrs)

* Addition
* Subtraction
* Multiplication
* Division

**UNIT II**  Arithmetic (10 hrs)

* Percentage
* Interest
* Proportion

**UNIT III** Reasoning (8 hrs)

* Speed, Distance and Time
* Calendar problems
* Number patterns

**UNIT IV** Logic (8 hrs)

* Quantitative aptitude
* Mental ability

In addition to the above there are assignments focusing on current affairs and general knowledge.