

Lesson Plan

FACULTY : MRS. MONIKA MEHTA
 DISCIPLINE : TEXTILE DESIGN
 SEMESTER : 3TH
 SUBJECT : TEXTILE MATHMATICS
 DURATION : 16 WEEK (JULY 2018 TO NOVEMBER 2018)
 LECTURE : 3
 PRACTICAL : 0

WEEK / LECTURE DAY	TOPIC
1 st	Use of logarithms in calculations
2 nd	Use of logarithms in calculations
3 rd	Area and perimeter of rectangle, parallelogram
4 th	Area and perimeter of triangle, trapezoid, regular polygon
5 th	Area and perimeter of Circle, sector volume and surface areas of cylinder
6 th	Area and perimeter of cylinder with a central hole.
7 th	Definition and simple calculations of arithmetic mean
8 th	Definition and simple calculations of median, mode (individual and direct series)
9 th	Ratio properties, direct proportion and inverse proportion,

10 th	percentage, averages Permutations and combinations
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WEEK / LECTURE DAY	TOPIC
11 th	value of ${}^n P_r$ and ${}^n C_r$, its properties and simple problems
12 th	Control charts and their use (short term, medium term and long term variations and random variations)
13 th	Calculations of fibre diameter and fabric cover factor
14 th	Revision of topics:- Use of logarithms in calculations Area and perimeter of rectangle, parallelogram, triangle, trapezoid, regular polygon, circle, sector volume and surface areas of cylinder and cylinder with a central hole. Definition and simple calculations of arithmetic mean, median, mode (individual and direct series) Ratio properties, direct proportion and inverse proportion, percentage, averages
15 th	Revision of topics:- Permutations and combinations, value of ${}^n P_r$ and ${}^n C_r$, its properties and simple problems Control charts and their use (short term, medium term and long term variations and random variations Calculations of fibre diameter and fabric cover factor
16 th	Assignment
	Test