



Regn Tm: 2607298

BRIDGE REGISTER
L
DEPARTMENT OF CIVIL ENGG.
BDSE, BRAJRAJNAGAR
SEMESTER: ^{1st, 2nd/4th} SEMESTER
SESSION-2018-19
NAME OF FACULTY:- SJ. ROSY TIRKEY

Premium

Quality Notebook

- Bright and Fine Quality Paper
- Smooth Writing Paper
- 'A' Grade Paper For Long Lasting
- Non Transparent
- Trusted Product Since 1978

Executive

LONG BOUND EXERCISE BOOK

	1st	<u>Brick :- Brick earth</u>
4th		
September (21-26)	2nd	Brick earth
	3rd	Brick making
	4th	Brick making
	5th	—
	6th	Classification of bricks.

5th		
September (28-30)	1st	Size of traditional and modular bricks, qualities of good building bricks
	2nd	<u>Cement</u> , Properties of Cement, manufacturing of cement
	3rd	Importance and application

Discipline.	Civil.	Semester	3rd	Name of the teaching faculty	ST. Rose Tirkey
Subject	Building materials & Construction Technology	No. of days / per week class allotted	05	Semester from date to date	No. of weeks
				September 14, 2020	05
				March, 15, 2021	
Week	Class / day	Theory / Practical topics.			
1st October (1-3)	4th	Mortar			
	5th	_____			
	6th	Source and classification of sand, bulking of sand.			
2nd October (5-10)	1st	Use of gravel, morum and fly ash.			
	2nd	Concrete - Definition and composition, water cement ratio, workability.			
	3rd	Mechanical properties and grading of aggregates, mixing, placing, compacting and curing of concrete.			
	4th	Composition of paints, enamels, varnishes.			
	5th	<u>Surface protective material</u>			
	6th	Paints enamels, Varnishes.			
3rd October (12-17)	1st	Distempers, Emulsion, French polish and wax polish			
	2nd	<u>Other construction material</u> Part B (to Timber): Classification and structure of timber.			

2nd	Measuring of timber - Importance.	Discipline	Civil.	Semester	2nd	Name of the teaching faculty	St. Paul's Tiruchirappalli
4th	Measuring of timber - Importance.	Subject	Building materials and construction Technology.	no. of days / per week allocated	05	Semester from date to date	September, 14, 2019 to March, 15, 2021
5th	—	1st	1st	theory / practical Topics			
6th	Characteristics of good timber.	week	class/day	Site investigation - objectives, site selection and explorations.			
1st	Many products and refractory materials Refinement and Classification.	1st	1st	Foundations :- Concept of foundation and its purpose, types of foundations.			
(19-24)	Properties and uses of refractory materials - tiles, terracotta, porcelain glazing.	remember (2-7)	2nd	Skallone foundation - constructional details			
3rd	Iron and steel : Uses of cast iron, wrought iron, mild steel and tor steel.	2nd	2nd				
4th	Part B : (Construction Technology)	4th	4th	Deep foundation -			
5th	Introduction.	5th	5th	—			
6th	DURGA PUJA HOLIDAY	6th	6th	Deep foundation.			
5th	1st	2nd	1st	Wall & Masonry works :- Purpose of walls.			
6th	2nd	remember (9-14)	2nd	Classification of walls - load bearing, non load bearing.			
(26-31)	3rd		2nd	Classification of walls as per materials of construction.			
4th	4th		2nd	Classification of walls as per materials of construction.			
5th	5th		4th	Partition walls.			
6th	6th		5th	—			
	HOLIDAY		6th	Brick masonry.			
	HOLIDAY		1st	Band, stone masonry.			
			remember (16-21)				

3rd	Seasoning of timber - Importance.
4th	Seasoning of timber - Importance.
5th	—
6th	Characteristics of good timber.
1st	Raw products and refractory materials
(19-24)	Refinement and classification.
2nd	Properties and uses of refractory materials - tiles, refractory, porcelain glazing.
3rd	Iron and steel: Uses of cast iron, wrought iron, mild steel and tool steel.
4th	Part B: (Construction Technology)
5th	Introduction.
6th	DURG A PUTA HOLIDAY
1st	—
2nd	—
(26-31)	Buildings and classification of buildings based on occupancy.
4th	Different components of a building.
5th	HOLIDAY
6th	HOLIDAY

Discipline	Civil.	Semester	2nd	Name of the teaching faculty	St. Roly
Subject	Building materials and construction Technology.	no. of days / per week allocated	05	Semester from date to date	no. of weeks
Week	Classday	Theory / practical Topics		September 14, 2020	05
1st	1st	Site investigation - objectives, site reconnaissance and explanations.		March, 15, 2021	
2nd	2nd	Foundations: - Concept of foundation and its purpose, types of foundations.			
3rd	3rd	Shallow foundations - construction details.			
4th	4th	Deep foundations -			
5th	5th	—			
6th	6th	Deep foundation.			
1st	1st	Wall & Masonry works: - Purpose of walls.			
2nd	2nd	Classification of walls - load bearing, non-load bearing, etc.			
3rd	3rd	Classification of walls as per materials of construction.			
4th	4th	Classification of walls as per materials of construction.			
5th	5th	Partition walls.			
6th	6th	Build masonry.			
1st	1st	Bond, stone masonry.			

Glossary of terms:-

2nd	String course, corbel, cornice, block in course
2nd	guttering, mairlings, tempetic thrusting of
4th	Beers, windows and lids :- terms
4th	used in doors and windows
6th	Beers - different types of doors
6th	Windows - different types of windows
4th	HOLIDAY
1st	HOLIDAY
2nd	Stairs, Rops and stairs :- glossary of
2nd	Roops :- glossary of terms
4th	Stairs :- glossary of terms
5th	Various types of stair case :- straight flight, dog-legged, open well, quarter turn, half turn
5th	HOLIDAY
1st	HOLIDAY

Discipline	Level	Semester	2nd	Name of the	51-Pay
Building	Building	no. of days / per	05	Semester from	no. of
Subject	and const- week class attend	05	date to date	marks	
week	theory	theory / practical topics		September 14, 2020	05
1st	2nd	Bifurcated stair, spiral stair, cantilever		March 15, 2021	
2nd	2nd	Proteoline, decorative finishes, Damp and			
2nd	2nd	terrace waterproofing :- Plastering			
4th	4th	Proportion of mortars used for different			
5th	5th	plasters, preparation of mortars, techniques			
6th	6th	Painting			
1st	1st	Painting, white washing			
2nd	2nd	Ramp and terrace waterproofing			
3rd	3rd	Green Buildings, Energy Management and			
		Energy audit of Buildings & Process :-			
		Concept of green building, introduction to energy			
		management and Energy audit of Buildings			
4th	4th	Aspects of energy management of buildings			
5th	5th	Types of energy audit, Response energy			
6th	6th	audit questionnaire			

Energy: Surveying and audit report

Discipline	Civil	Semester	End	Name of the	85. Day
Subject	Building materials and construction technology	No. of days per week class attended	05	semester from date to date	No. of weeks
Week	class/day	theory / practical topics		September 14, 2020	0.5
1st	1st			November 15, 2021	
January (4-9)	2nd	Revision			
2nd	2nd				
3rd	3rd				
4th	4th				
5th	5th				
6th	6th				
January (11-16)	2nd	Test			
2nd	1st				
3rd	2nd				
4th	3rd				
5th	4th				
6th	5th				
December (28-31)	1st				
2nd	2nd				
3rd	3rd				
4th	4th				
5th	5th				
6th	6th				
December (14-19)	2nd	Revision			
2nd	2nd				
3rd	3rd				
4th	4th				
5th	5th				
6th	6th				
4th	1st	Revision			
December (21-24)	2nd	Revision			
3rd	3rd				
4th	4th				
5th	5th				
6th	6th				
5th	1st				
December	2nd				
2nd	3rd				
3rd	4th				
4th	5th				
5th	6th				
6th	1st				
January	2nd				
January (18-23)	3rd	Revision			
4th	4th				
5th	5th				
6th	6th				
4th	1st				
January	2nd				
January (25-30)	3rd	Test			
4th	4th				
5th	5th				
6th	6th				

Signature

Signature

Discipline	Civil	Semester	2nd	Name of the ST. Pay
				Teaching faculty
				Stipend
Subject	Building material and Construction Technology	No. of days / per week class allotted	05	Semester from date to date
				September, 2020
				March, 2021
				05
Week	Class / day	Theory / practical topics		
1st	1st	}		
February	2nd			
(1-6)	3rd		Revision	
	4th	}		
	5th			
	6th			
2nd	1st	}		
February	2nd		Revision	
(8-13)	3rd			
	4th	}		
	5th			
	6th			
3rd	1st	}		
February	2nd		Revision	
(15-20)	3rd			
	4th	}		
	5th			
	6th			
4th	1st	}		
February	2nd		Revision	
(22-27)	3rd			
	4th	}		
	5th			
	6th			

Discipline	Civil	Semester	3rd	Name of the ST. Pay
				Teaching faculty
				Stipend
Subject	Building material and Construction Technology	No. of days / per week class allotted	05	Semester from date to date
				September, 2020
				March, 2021
				05
Week	Class / day	Theory / practical topics		
1st	1st	}		
March	2nd			
(1-4)	3rd		Revision	
	4th	}		
	5th			