

Seat No. : - _____

Enrolment No.:- _____

GUJARAT TECHNOLOGICAL UNIVERSITY
DIP ENG. – SEMESTER – VIII EXAMINATION –SUMMER- 17

Subject Code : 3385504
Subject Name : S B & S R T
Time : 10:30 AM TO 1:00 PM

Date : 09/ 05/2017
Total Marks : 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Write your seat no. and enrolment no. in the above given space on Q. PAPER.
5. Answer with neat sketch and to the point.

Q.1	(a)	Draw neat sketch of anatomy of Iron Ship and give application of each component / elements of Iron Ship.	07
	(b)	Describe ship dismantling process of Ship Recycling in chart form.	07
Q.2	(a)	Describe in brief with neat sketch the layout of ship recycling unit	07
	(b)	List out the different types of Bulk Head ? Describe in brief :- Water Tight Bulk Head with neat sketch?	07
		OR	
	(b)	Prepare a Classification chart of Iron Ship	07
Q.3	(a)	Define the term painting ? List out the ingredients of paints? State properties of good paint.	07
	(b)	Describe in brief with neat sketch Archimedes law of buoyancy.	07
		OR	
Q.3	(a)	List out the various types of keels ? Describe in brief with neat sketch : - box type keels	07
	(b)	Compare FCAW & SAW	07
Q.4	(a)	List the various types of drawings used in Iron Ship building and state their typical used.	07
	(b)	List/Classify different types of trial for ship Describe in brief ship trial procedure .	07
		OR	
Q. 4	(a)	List out the various instrument / equipment used for structure alignment of ship building / Erection .State their typical function in ship building. Describe water tube alignments with neat sketch :-	07
	(b)	Compare fuel gas cutting and plasma gas cutting with reference to ship recycling.	07

Q.5	(a)	1. Define the term Launching of ship ? 2. Classify types of Ship Launching ? 3. Describe any one methods of launching with neat sketch ?	07
	(b)	List out the various types of frames ? Describe in brief with neat sketch : - Mid Ship Frame	07
		OR	
Q.5	(a)	Describe the ship hull block construction method.	07
	(b)	Describe Roll of classification societies in inspection and QA	07
