Model Question Paper-1 with effect from 2019-20 (CBCS Scheme)

USN

Fourth Semester B.E. Degree Examination
Subject Title Ship Construction

TIME: 03 Hours   **Max. Marks: 100**

Note: 01. Answer any **FIVE** full questions, choosing at least **ONE** question from each **MODULE**.

		Module -1	*Bloom's Taxonomy Level	Marks
Q.01	a	Draw the plan view of a general cargo vessel and explain its functions and features	L1,L2	15
	b	Explain MIG welding	L2	5
		OR		
Q.02	a	Draw the plan view of a Tanker vessel, explain its functions and features	L1,L2	12
	b	Define Welding. List the various types of welding	L1	8
		Module-2		
Q. 03	a	Draw Transverse framed double bottom with the parts clearly marked for solid and bracket floor.	L2	15
	b	Explain the effect of pounding on a ship and how it is mitigated	L1	5
		OR		
Q.04	a	What is a rudder? Draw any one type of rudder with the parts neatly marked	L2,L3	10
	b	Draw the machinery space double bottom with parts marked.	L2	10
		Module-3		
Q. 05	a	What is shell plating? Explain its importance with a classification diagram	L2	8
	b	What is a bulbous bow? Draw a neat longitudinal sectional with the parts neatly marked.	L2	12
		OR		
Q. 06	a	Draw a neat labeled sketch of a horizontal watertight door and explain its features	L1,L2	15
	b	What is the difference between a watertight and weather tight door	L2	5
		Module-4		
Q. 07	a	List the processes in Material preparation . and explain each on briefly.	L2	15
	b	What is nesting of plates? Explain with a neat sketch.	L2	5
		OR		
Q. 08	a	Explain the history of the plimsol line .	L2, L1	8
	b	Draw a neat labeled diagram of a Loadline marking.	L2	12
		Module-5		
Q. 09	a	Draw a neat Labeled diagram of the mid-ship section of a Oil tanker.	L2	15
	b	What is a DP Vessel what are its features?	L2	5
		OR		
Q. 10	a	Draw a neat Labeled diagram of the mid-ship section of a LNG vessel?	L2	12
	b	What are the different types of insulation used in LNG vessels?	L3	8

*Bloom's Taxonomy Level: Indicate as L1, L2, L3, L4, etc. It is also desirable to indicate the COs and POs to be attained by every bit of questions.