B.Tech. Degree II Semester Regular/Supplementary Examination in Naval Architecture and Ship Building April 2023

20-215-0203 PROFESSIONAL ETHICS
(2020 Scheme)

Time: 3 Hours   Maximum Marks: 100

Course Outcome
On successful completion of the course, the students will be able to:

CO1:   Recall various aspects of ethics and human values.
CO2:   Understand the importance of ethics and human values.
CO3:   Understand the problems faced by engineers and rectify them by applying the ethics.
CO4:   Understand significance of Safety and Risk assessment in industries.
CO5:   Understand other types of ethics and role of employees in ethics

Bloom's Taxonomy Levels (BL): L1 – Remember, L2 – Understand, L3 – Apply, L4 –Analyze, L5 – Evaluate, L6 – Create.

PART A
(Answer *ALL* questions)

			(5 × 4 = 20)	Marks	BL	CO	PO
I.	(a)	Write short note on Importance of Time Management.		4	L1	1	1
	(b)	Explain briefly about professionalism in job.		4	L2	2	2
	(c)	What do you mean by case study in Engineering?		4	L3	3	3
	(d)	Briefly explain about any four road transport safety methods.		4	L3	4	2
	(e)	Differentiate between copy right and IPR.		4	L4	5	12

PART B

		(5 × 16 = 80)	Marks	BL	CO	PO
II.	(a)	Differentiate between value education and moral education.	8	L2	1	12
	(b)	Compare skill education and value education.	8	L2	1	12
		OR				
III.	(a)	Compare caring and sharing.	8	L2	1	12
	(b)	What are advantages of yoga practice in professional life?	8	L2	1	12
IV.		Explain the concept of Conflict of Interest with help of one example.	16	L2	2	3
		OR				
V.		Explain in detail any one moral theory in practical life.	16	L2	2	3
VI.		Explain the sinking of Titanic with respect to engineers responsibility.	16	L3	5	1
		OR				
VII.		Exxon Valdez Oil Spill Disaster.	16	L3	5	1
VIII.		Explain in detail about Chernobyl accident.	16	L3	5	1
		OR				
IX.		Explain Government's responsibility in Safety of Marine Vessels.	16	L3	4	1

(P.T.O.)

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			Marks	BL	CO	PO
X.		Explain the process of attaining a patent.	16	L3	5	8
		OR				
XI.	(a)	Explain the role of engineers as managers.	8	L3	5	8
	(b)	Explain computer ethics.	8	L3	5	8

Bloom's Taxonomy Levels
L1 - 4%, L2 - 36%, L3 - 56%, L4 – 4%.

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