

Model Question Paper-1with effect from 2021-22(CBCS Scheme)- BMR613C

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Sixth Semester B.E. Degree Examination Ship Fire Prevention and Safety

TIME: 03 Hours

Max.Marks:100

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

Module-1			BL	CO	Marks
Q.01	a	What are the classes of fire? explain in detail about it.	L3	CO1	10
	b	What is chemistry of fire? brief about it.	L2	CO1	10
OR					
Q.02	a	With help of a simple sketch, explain limits of flammability UEL, LEL In detail.	L3	CO1	10
	b	What are the firefighting mediums available onboard a ship? Explain their properties in detail.	L3	CO1	10
Module-2					
Q.03		Explain in detail about FDAS onboard a vessel.	L2	CO2	20
OR					
Q.04	a	Write a short note on fire zones on a ship.	L1	CO2	10
	b	What are the venting systems on tankers? Explain about in detail.	L3	CO2	10
Module-3					
Q.05	a	What is portable fire extinguisher used on a ship ? Explain any one in detail.	L3	CO3	10
	b	What are the types of detectors available onboard vessel ? Explain any one type in details.	L3	CO3	10
OR					
Q.06	a	What is ISC in a ship? Explain about in detail.	L3	CO3	10
	b	Explain CO2 fixed fire extinguisher in detail.	L3	CO3	10

Module-4					
Q.07	a	What is fire plan on a ship? Explain about in detail.	L3	CO4	10
	b	What extinguisher is used for galley fire ? Explain about in detail.	L3	CO4	10
OR					
Q.08	a	What is a fire drill on a ship ? Explain its significance in detail.	L3	CO4	10
	b	Explain in detail about fire fighting in drydock / port .	L3	CO4	10
Module-5					
Q.09	a	Explain rescue operations from affected compartments on board a vessel.	L3	CO5	10
	b	Explain actions to be taken by ship personal to fight fire on a tanker ship in a terminal	L3	CO5	10
OR					
Q.10	a	What is the code of safe working practises on board a ship? Explain about it in detail	L3	CO5	10
	b	Explain about prevention of fire in chemical carriers	L3	CO5	10