USN

Third Semester B.E. Degree Examination, Dec.2014/Jan.2015 Elementary Navigation Seamanship and Survival at Sea

Fim	a. 3	htc	Marks (100)
	E. J	Note: Answer FIVE full questions, selecting	, O, ·V
4/)	J.	at least TWO questions from each part.	.50~
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	.:"	<u>PART – A</u>	
1	a.	What precautions are to be taken on the approach of bad weather?	(10 Marks)
	b.	Writedown flag etiquette followed in ships:	
		i) Where ship is entering a port during daylight nours?	(05 Marks)
		ii) When a ship is leaving a port during daylight hours?	(05 Marks)
2	a.	How many types of knots are used on ships? Draw and describe a reef knot.	(08 Marks)
4	b.	Describe characteristics and care of vegetable fibre ropes.	(06 Marks)
	c.	Describe the procedure of weighing an anchor.	(06 Marks)
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3	a.	What is a sextant? Draw and describe the principle of sextant.	(08 Marks)
3	ъ. Ъ.	Draw and describe the principle of echo-sounder. Mention three errors of echo	-sounder. (12 Marks)
	U.		(12 Marks)
			(12 Marks)
4	a.	What are the equipments to be carried by a life-boat and their uses?	(08 Marks)
-	b.	Describe the procedure for launching an inflatable type life-raft.	(VO IVIAI KS)
		PART – B	(08 Marks)
5	a.	Explain an abandon ship operation.	
	b.	What is a muster list? What should muster-list contain and which all places	(12 Marks)
		be displayed?	(12 1/141110)
			kets? (10 Marks)
6	a.	What are the general requirements and specification of life buoys and life jack	(10 Marks)
	b.	Explain about food ratio provided in life raft and life boat.	(22 2320)
7		Explain shortly about:	(04 Marks
	a.	ISAN -	(04 Marks
	b.	F _k Y	(94 Marks
	Q.	*STCW	(04 Marks
٠,	d.	IMO	(04 Marks
V	. · е.	MARPOL	
O)		on the second on ching? Describe double Carrick bend.	(08 Mark
× 8	a.	How many types of bends are used on ships? Describe double Carrick bend.	(08 Mark
	b	Explain on load and off-load release of life boats.	(04 Mark
	C	How it join two ropes using a long splice method?	
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