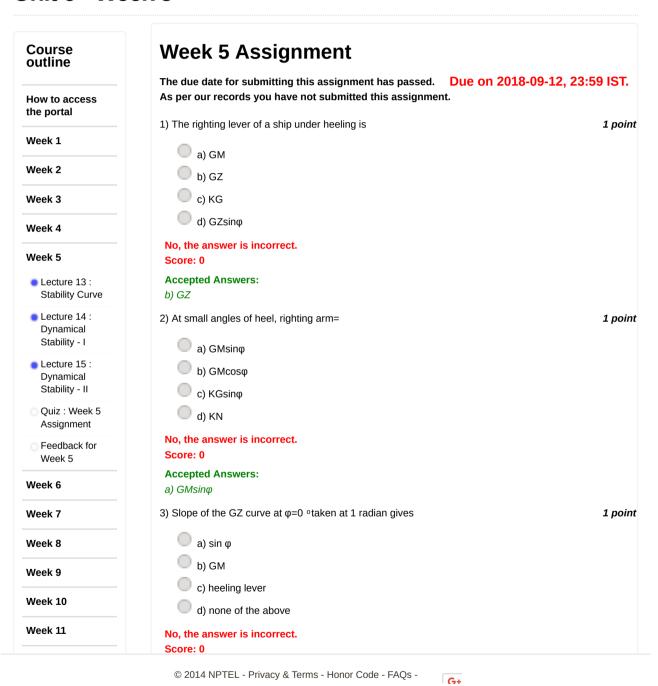
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Courses » Hydrostatics and Stability

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## Unit 6 - Week 5



A project of

National Programme on Technology Enhanced Learning

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Session with Students	c) Lolling	
Guadino	d) toppling	
	No, the answer is incorrect. Score: 0	
	Accepted Answers:	
	c) Lolling	
	5) At the angle of loll, the ship's GM is	1 point
	a) 0	
	b) negative	
	c) positive	
	d) large	
	No, the answer is incorrect. Score: 0	
	Accepted Answers:	
	a) 0	
	6) A ship with an initial loll can be stabilized by	1 point
	a) Listing	
	b) trimming	
	c) shifting weights	
	d) all the above	
	No, the answer is incorrect. Score: 0	
	Accepted Answers: c) shifting weights	
	7) Shifting of weights vertically downwards causes GZ values in the GZ curve to be	1 point
	a) increased	
	b) decreased	
	c) not change	
	d) none of the above	
	No, the answer is incorrect.	
	Score: 0 Accepted Answers:	
	a) increased	
	8) Area under the GZ curve is called	1 point
	a) Stability	
	b) Statical stability	
	c) dynamical stability	
	d) none of the above	
	No, the answer is incorrect.	
	Score: 0 Accepted Answers:	
	c) dynamical stability	
	9) Dynamical stability concept is based on the conservation of	1 point

b) ed c) w	nergy reight tability swer is inco	rrect.								
10Dynamical stability is weight*X where X is  a) GM b) GZ c) moment d) KG										
No, the answer is incorrect.  Score: 0  Accepted Answers: b) GZ  11)Questions 11-14 are from the below problem;  A vessel displacing 15000 tonnes has KG 7m. Cargo is redistributed to cause KG to rise by 0.25m. The values of GZ in the initial conditions were:										
Heel (Degrees) GZ M	0.00	0.391	1.000	1.138	0.774	0.129	90 -0.584			
a) 50 b) 60 c) 73 d) 78  No, the ans Score: 0 Accepted A d) 78	0 3 1 8 swer is inco		bility is:							
a) 3- b) 5- c) 6- d) 7-	3 0 2 swer is inco		stability is				1	point		
13)The angle at which maximum initial GZ occurs is										

