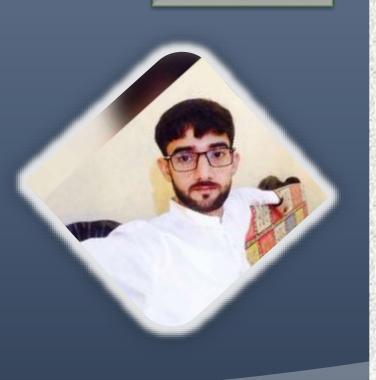
### **RIZ MUGHAL**

# QUIZ MASTER Grand Quiz(PHY101)

100% correct solution.

For more information you can visit my channel and for any type of help related to CS619 you can contact me.

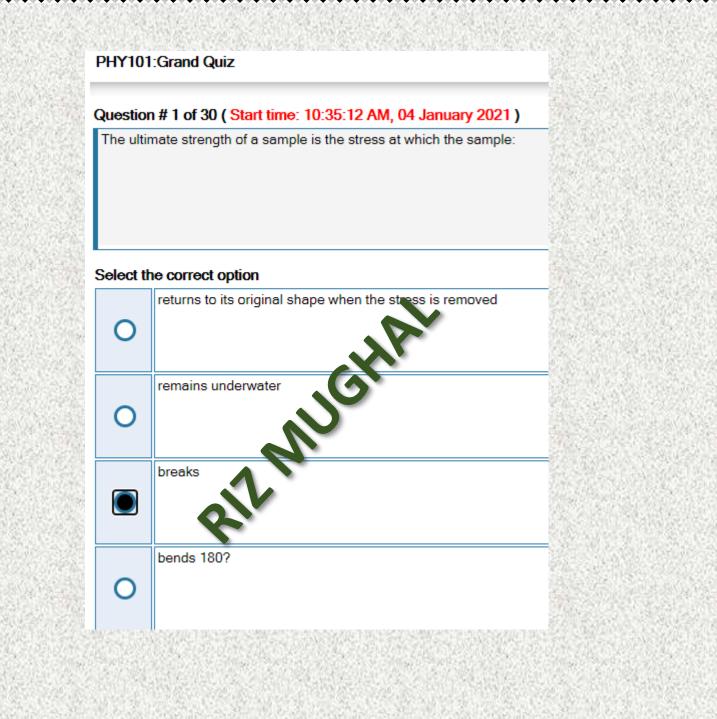


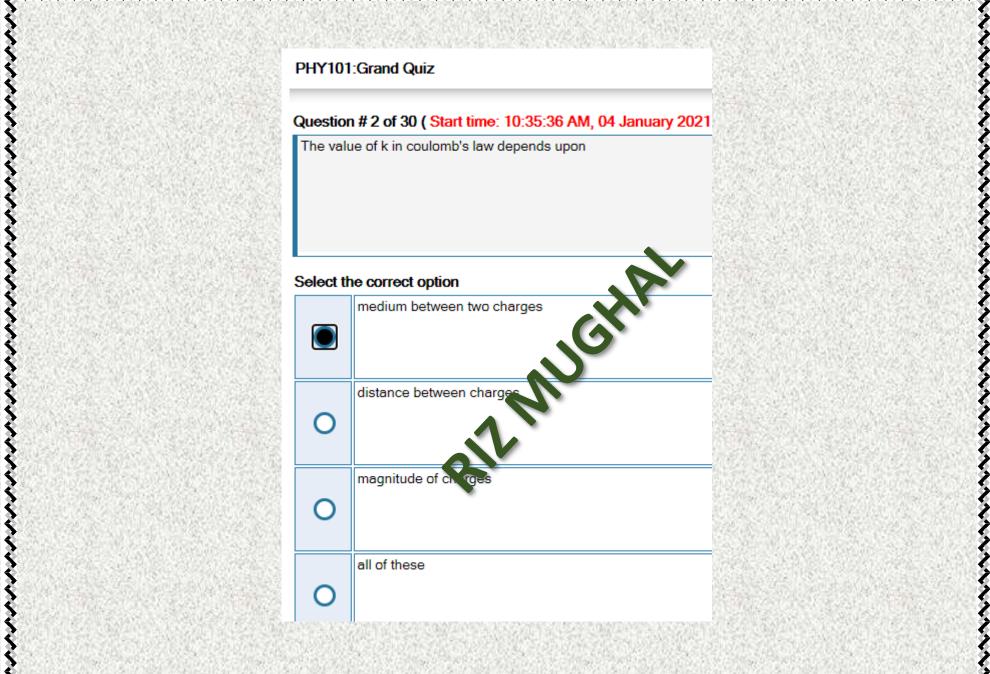
#### **YOUTUBE CHANNEL:**

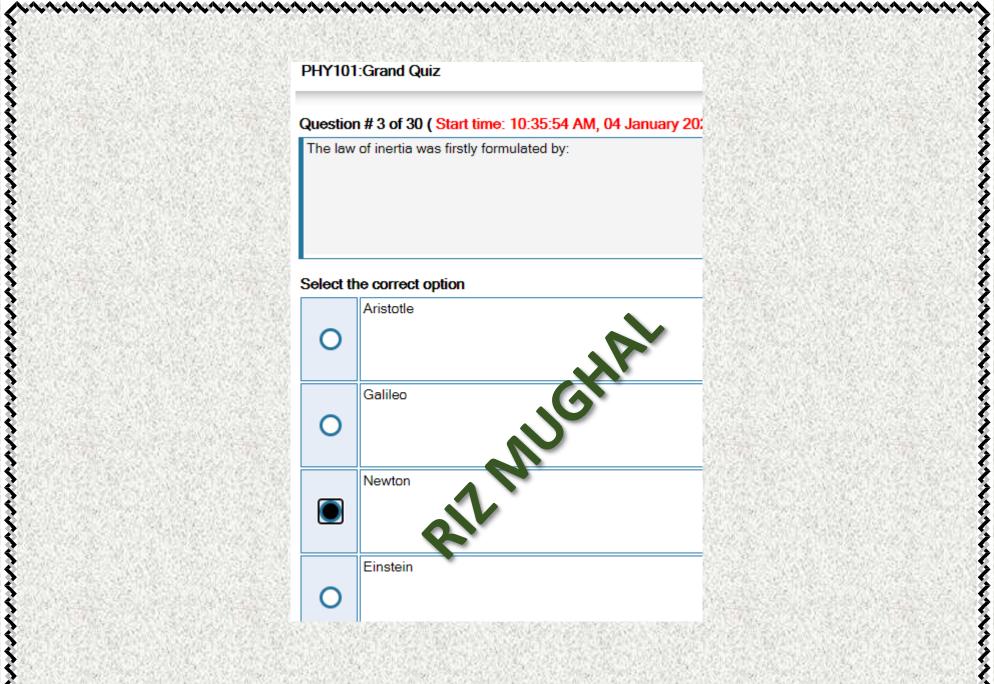
https://www.youtube.com/channel/UCINsFwDiB62SValCcPDZbRQ/playlists

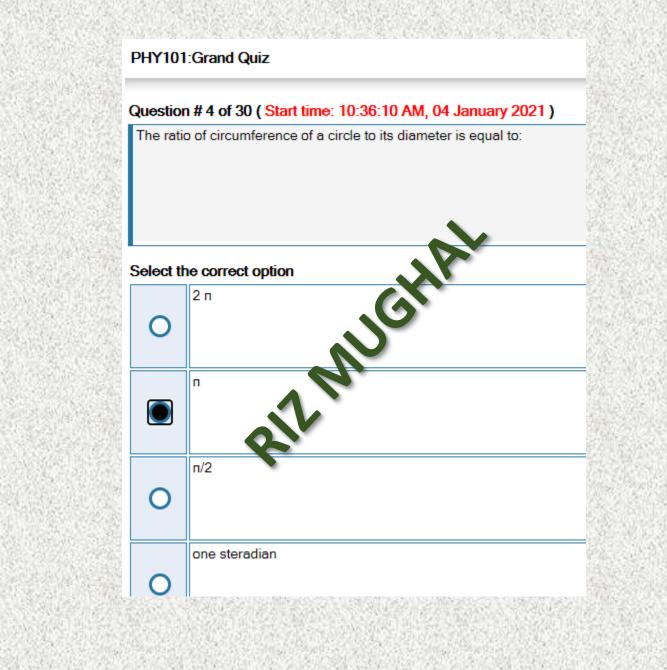
#### **FACEBOOK GROUP:**

https://www.facebook.com/groups/923887914750307

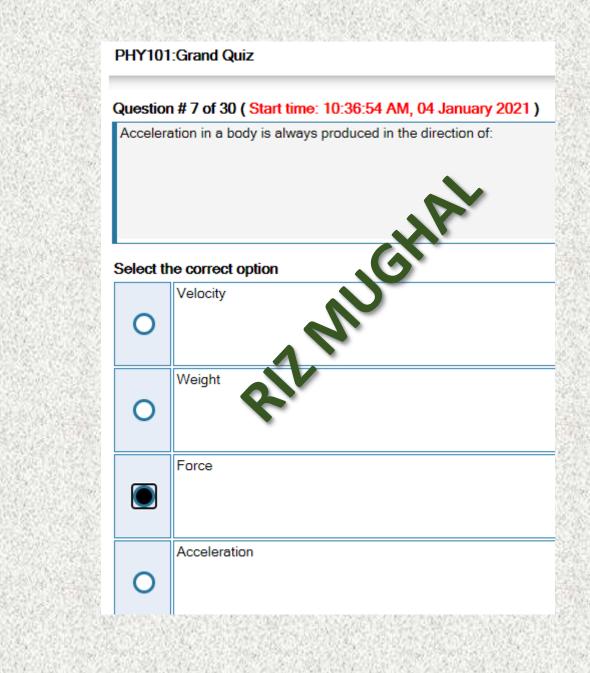








### PHY101:Grand Quiz Question # 6 of 30 (Start time: 10:36:40 AM, 04 January 2021) The centre of gravity is the average location of the ...... of an object Select the correct option mass weight static equilibr dynamic



F	PHY101	:Grand Quiz	G
C	Question # 9 of 30 ( Start time: 10:37:25 AM, 04 January 2021 )		
TOTAL STATE OF SECURITY OF SEC	One rev	olution is the same as:	
S	Select th	ne correct option	
70 2 170 S S S S S S S S S S S S S S S S S S S		2n rad	
CONTRACTOR STATE	0	n rad	
STATE STATE OF STATE	0	57 rad	
	0	1 rad	

PHY101	:Grand Quiz	Quiz S
Questior	n # 10 of 30 ( Start time: 10:37:39 AM, 04 January 2021 )	
Α	vector is obtained by dividing the vector by its magnitude:	
Select th	ne correct option	
	unit	
0	position	
0	normal	
O	negative	Person Principal

PHY101:Grand Quiz		Quiz Start Time: 10:35 AM, 04 January 202	
Question	n # 11 of 30 ( Start time: 10:37:57 AM, 04 January 2021 )	Total Marks:	
Take the	e speed of sound to be 340m/s. A thunder clap is heard about 3 s at and is:	fter the lightning is seen. The source of both light	
Select th	ne correct option		
0	moving overhead faster than the speed of social	//	
0	emitting a much higher free a ncy than is heard	<i>h</i>	
0	emitting a much lower frequency than is heard	//	
	about 1000m away	//	

PHY101:Grand Quiz		Quiz Start Time: 10:35 AM, 04 Januar	
Question	n # 12 of 30 ( Start time: 10:38:14 AM, 04 January 2021 )	Total N	
If the dis	stance between all pairs of particles of the body do not change b	y applying a force then the body is said to be	
Select th	ne correct option		
	rigid		
0	large		
0	small		
0	flexible		

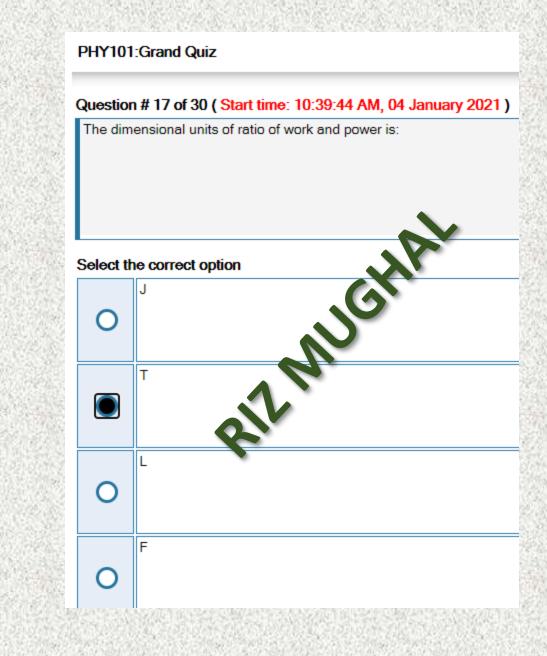
PHY101:	Grand Quiz	Quiz Start Time: 10:35 AM, 04 January 202
Question	# 13 of 30 ( Start time: 10:38:34 AM, 04 January 2021 )	Total Marks:
	leal fluid flowing through a horizontal pipe, Bernoulli's equation stat me along the pipe does which of the following? (Assume measurer '.)	
Select th	e correct option	•
0	increases as the pipe diameter increases	
0	decreases as the pipe diameter increases	<b>5</b> 67
	remains constant as the pipe diameter increases	li .
	increases, then decreases as the pipe diams are reases	

PHY101	1:Grand Quiz Quiz Star	t T
Question	n # 14 of 30 ( Start time: 10:38:59 AM, 04 January 2021 )	
Which o	of the following statement is true?	
Select th	he correct option	
	Weight is a force, mass is a measure of inertia	
0	Mass depends on gravity, weight does not	
0	Gravity is necessary to measure both weight and mass	
0	Heavier objects weigh more than light objects	euer.

PHY101:Grand Quiz		Quiz Start Time: 10:35 AM, 04 Januar
Question	n # 15 of 30 ( Start time: 10:39:14 AM, 04 January 2021 )	Total M
	is the basic reason to change in the motion of an object ac	ccording to Newton's second law of motion.
Select th	ne correct option	
	net force	
0	decrease in inertia	
0	change in velocity	
0	acceleration	

PHY101	:Grand Quiz	Quiz Start Time: 1		
Question # 16 of 30 ( Start time: 10:39:30 AM, 04 January 2021 )				
When a	spring is compressed or stretched, the potential energy of the spring	ng		
Select th	ne correct option			
0	Decreases			
0	Stays constant			
	Increases			
0	Becomes zero	PANTHER MENERAL SOLL SHOW CHOSE OF		

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PHY101	:Grand Quiz Quiz Start Tim
Questior	n # 18 of 30 ( Start time: 10:39:58 AM, 04 January 2021 )
A particl	le oscillating in simple harmonic motion is:
Select th	ne correct option
	in equilibrium at the ends of its path because its velocity is zero there
0	in equilibrium at the ends of its path because its velocity is zero there
	in equilibrium at the center of its path because the acceleration is zero there
0	never in equilibrium because it is in motion
0	never in equilibrium because there is always a toce

PHY101	:Grand Quiz	Quiz Start Time: 10:35 AM, 04 January 202			
Question	Question # 19 of 30 ( Start time: 10:40:13 AM, 04 January 2021 )  Total Marks:				
A fire wh	nistle emits a tone of 170 Hz. Take the speed of sound in air to be 3	840m/s. The wavelength of this sound is about:			
Select th	Select the correct option				
0	3.0m	//			
0	0.5m	//			
0	1.0m	//			
	2.0m	//			

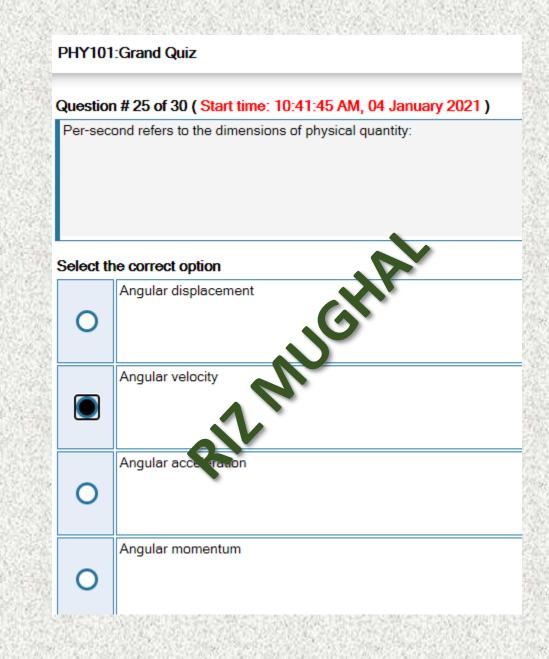
*^^^^* 

PHY101	:Grand Quiz Quiz Sta
Questior	n # 22 of 30 ( Start time: 10:40:59 AM, 04 January 2021 )
One nev	vton is a force that produces an acceleration of 0.5 m/s2 in a body of mass:
Select th	ne correct option
0	1 kg
	2 kg
0	4 kg
0	8 kg

^^^^**/**^^

PHY101	:Grand Quiz	Quiz Start		
Question # 23 of 30 ( Start time: 10:41:15 AM, 04 January 2021 )				
When br	eaks are applied to a fast moving car, the passenger will be throws:			
Select th	e correct option			
	Forward			
0	Backward			
0	Downward			
O	Upward			

## PHY101:Grand Quiz Question # 24 of 30 ( Start time: 10:41:30 AM, 04 January 2021 ) In the formula F= Gm1m2/r2, the quantity G: Select the correct option depends on the local value of g is used only when Fart I one of the two masses is greates, at the surface of Earth is a universal constant of nature



PHY10	PHY101:Grand Quiz  Question # 26 of 30 ( Start time: 10:41:59 AM, 04 January 2021 )				
Questio					
Light y	ear is a unit of:				
Select	the correct option				
0	acceleration				
0	velociy				
0	time				
	distance				

PHY101:Grand Quiz				
Question # 27 of 30 ( Start time: 10:42:18 AM, 04 January 2021 )				
Young's	modulus can be used to calculate the strain for a stress that is:			
Select the correct option				
0	just below the ultimate strength			
0	just above the ultimate strength			
	well below the yield strength			
0	well above the yield strength			

### Quiz Start Time PHY101:Grand Quiz Question # 28 of 30 ( Start time: 10:42:32 AM, 04 January 2021 ) A wheel of radius 50 cm having the angular speed of 5 rad/s will have linear speed in m/s? Select the correct option 0.5 1.5 2.5 3.5

PHY101	:Grand Quiz	Quiz Start Time: 10:35 AM, 0			
Question # 29 of 30 ( Start time: 10:42:47 AM, 04 January 2021 )					
An obje	ct moves in a circle at constant speed. The work done by the centrip	etal force is zero because:			
Select th	ne correct option				
0	the displacement for each revolution is z ro				
0	the average force for each revolution is zero				
0	there is no friction				
	the centripetal force is perpendicular to the velocity				

*^^^^* 

PHY101	:Grand Quiz	Quiz Start Time: 10:35 AM, 04 January 2021
Question	n # 30 of 30 ( Start time: 10:43:04 AM, 04 Jan	uary 2021) Total Marks: 1
A ball is During i	thrown upward into the air with a speed that is gr ts flight the force of air resistance is the greatest:	eater than terminal speed. It lands at the place where it was thrown.
Select th	ne correct option	
	just after it is thrown	
0	half way up	
0	at the top of its trajectory	//
0	halfway down	//