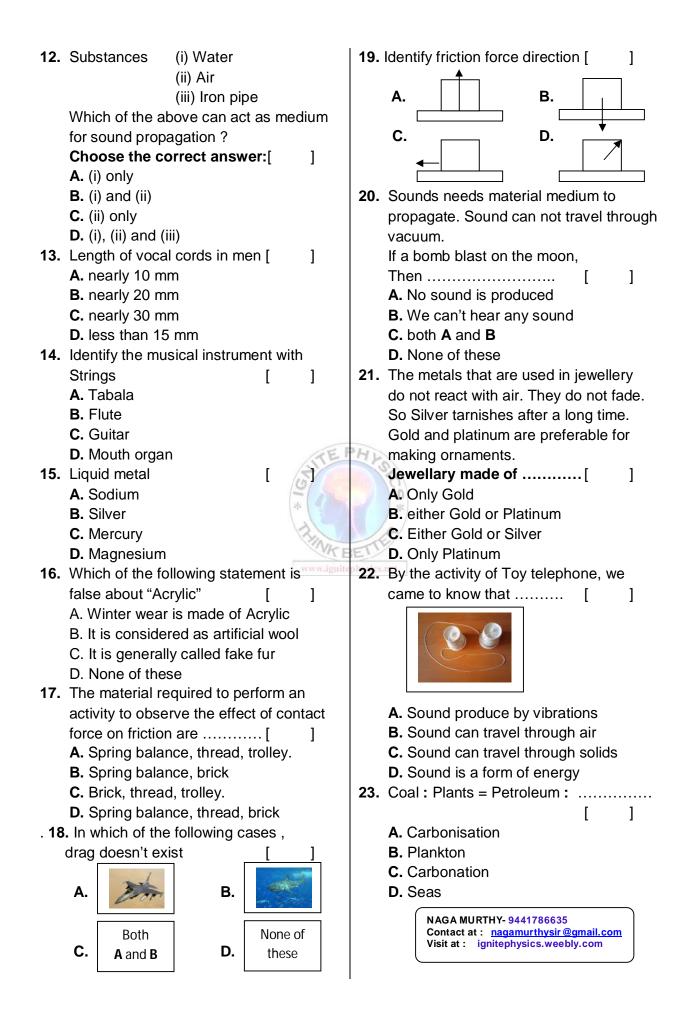
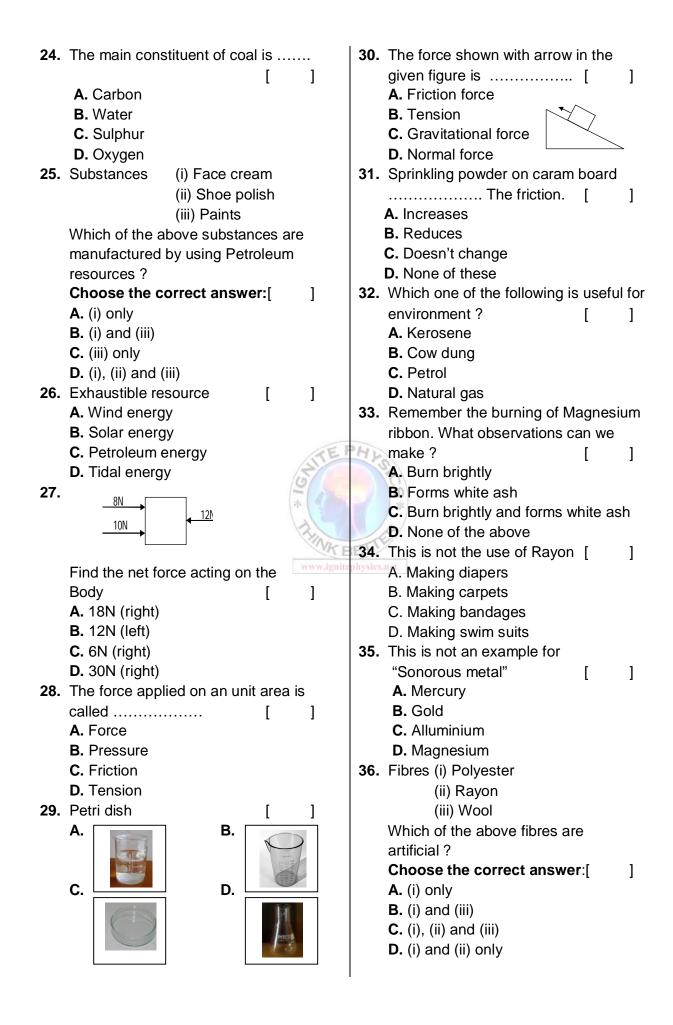
	8E geni	CRAL SCIE (Physical (English	www.ignitephysics.not
	Force always acts vertically A. Normal force B. Friction C. Gravitational force D. Tension Using of lubricants or ball be causes in friction. A. Decrease B. Increase C. Increase or decrease		07. 10 Kg brick with dimensions $50x25x20$ cm placed horizontally on the floor. The static friction is "f". What happened to the static friction when it placed vertically on the floor? [] A. 2f B. 4f C. f D. $\frac{f}{2}$ 08. Abhiram : Force is only pull Jairam : Force is only push Whose statement is correct ?[]]
03.	D. None of these True statement A. Friction α Normal force B. Friction α Area of contact C. Friction $\alpha \frac{1}{Normal force}$ D. Friction $\alpha \frac{1}{Area of contact}$	[]	 A. Abhiram's B. Jairam's C. Both are correct D. Both are wrong 09. Audible frequency range of human beings []
04.	Father of plastic industry A. Leo Hendrik Baekeland B. Hermann Staudinger C. Alexander Parkes D. Alessandro volta	[Www.Jgnite	 A. 20 – 2000 Hz B. 200 – 20000 Hz C. 200 – 2000 Hz D. 20 – 20000 Hz 10. Sailaja : Usage of CNG and LPG instead of petroleum products
05.			minimize the air pollution. Mohini : Usage of Solar energy creates no pollution. Whose words are correct ? Choose the correct answer:[]] A. Sailaja's words B. Mohini's words
06.	 Factors (i) Surface area (ii) Normal force (iii) Nature of surface On which of the above facto friction depends ? A. (i) and (iii) B. (i) and (iii) C. (ii), (ii) and (iii) D. (ii) and (iii) 	e	C. both are correct D. both are wrong 11. Which can produce high Pitch sound ? (Select from the following) [] A. Lion B. adult man C. Infant D. adult woman NAGA MURTHY-9441786635 Contact at : nagamurthysir@gmail.com Visit at : ignitephysics.weebly.com





37. Substances	43. Ur
(i) Handle of cooker	Sc
	A.
(ii) Electric switches	
(iii) Old Telephone Box	B.
Which of the above substances are	C .
made of Bakelite ?	D.
Choose the correct answer:[]	44. Ra
A. (i) only	А.
B. (i) and (iii)	B.
C. (i), (ii) and (iii)	C.
D. (i) and (ii) only	D.
38. Friction produces []	45. Ob
A. Electricity	and
B. Heat	A
C. Sound	
D. Magnetism	В
39. Force : Newton = Pressure :	
	с
A. Newton-meter	D
B. Newton/meter	46 . Fr
C. Newton-meter ²	HYA.
D. Newton/meter ²	В.
40. Which material needed to perform the	C.
activity that finding the limiting force of a	D.
thread?	47. W
A. Simple balance, thread, weights, Pan	ETT
B. Spring balance, thread, weights ^{www.lgnite}	physics.nits
C. Spring balance, weights, Pan	113
D. Spring balance, thread, weights, Pan	
41. We have to look for alternative energy	
resources like solar energy, wind energy.	
Because they are Pollution free and	
renewable energy resources.	In
Identify the energy resource which	ind
do not cause pollution []	Α.
A. Solar energy	В.
B. Wind energy	C.
C. Both A and B	D.
D. None of these	48. Ma
42. In winter season, we have to wear	tha
clothes.	A
A. Wool	В
B. Acrylic	C
C. either wool or acrylic	
D. None of the above	D
	•

3.	Unit for measuring the intens Sound A. Hertz B. centimeter	ity of []
4.	C. deciBel D. No units Rayon is made of A. Coal B. Oxygen	[]
	C. Flax D. Cellulose Observation from burning test and artificial fibres A. If the fibre smells like burn	[]
	it may be cotton or rayon B. If the fibre smells like burn it may be wool or silk C. both A and B	•	•
	 D. None of these Friction depends upon A. Mass of body B. Shape of body 	.[]
7 sics.	 C. Size of body D. None of these While a body is vibrating, the maximum displacement of a its mean position is called an 	•	
	In the above diagram amplitu indicated by A. d B. b C. a	de is []
	 D. c Material required for the activitient that sound has energy A. Water glass, Cell phone B. Water glass, Sugar crysta C. Sugar crystals, Glass, Pa 	[als	rove]
	Cell phone D. Cell phone, Paper		

 49. Petroleum is also called as [] A. White gold B. Black gold C. Liquid gold D. Fake gold 	Now answer the questions: 55. Magnetic force is a
 50. Property of acids [] A. Convert blue litmus in to yellow B. Convert red litmus in to blue C. Convert blue litmus in to red D. Convert red litmus in to yellow 	 D. Neither contact nor field force 56. If a book kept on a table, then Friction acting between table and book is called
 51. This is not a fossil fuel [] A. Petroleum B. Coal C. Natural Gas D. Wind energy 	 B. Field force C. Can't determine D. Neither contact nor field force 57. Electric switches are not made with PET. Guess the reason. []
 52. The direction of friction is[] A. always opposite to normal force B. always along gravitational force C. always opposite to the motion D. always opposite to the weight 	 A. PET is very hard B. PET doesn't conduct electricity C. PET is thermo plastic D. PET is not a bio degradable material 58. Identify true statement []
53. Pressure = [A. Force X Area B. $\frac{Force}{Area}$ C. $\frac{Area}{Force}$	 A. All metals are solids B. All metals are hard C. All metals are react with acids D. None of these 59. Mohan : The reaction between Zinc and
 D. Force + Area 54. Remember the activity: Rubbing the second then balloon with a plastic cover and then bring it towards pepper powder then 	Copper sulphate is possible. Karthik : The reaction between Copper and Zinc sulphate doesn't possible
A. Pepper attract to the balloon B. Pepper do not respond C. We can't say D. This activity is not given in text book	Whose statement is correct ?[] A. Mohan's B. Karthik's C. Both are correct D. Both are wrong
55-56. Read the content in the table. And then answer to the questions 55&56.	60-61. Observe the given diagram. And then answer to the questions 60&61.
Contact forceField forceForce is whichForce is whichthere is a physicalthere is nocontact betweenphysical contacttwo interactingbetween twoobjects is knowninteractingas contact force.objects is knownas force at a	
distance or field force	NAGA MURTHY- 9441786635 Contact at : <u>nagamurthysir@gmail.com</u> Visit at : ignitephysics.weebly.com

A. Jet B. Te C. U-:	st tube	[]	 Answer the questions from 66 - 67 66. Which is recyclable plastic ? [A. HDPE and PVC B. HDPE and LDPE C. PVC only]
A. Co B. Sp	art "Q" indicates al Box irit Burner ater beaker pod	.[]	 D. HDPE, LDPE and PVC 67. Plastic pipes used in house hold electrical wiring is made with [A. HDPE B. PVC]
A. Pa B. Ma C. Ma	s not the use of Sulphur acking food materials aking gun powder aking crackers		 C. LDPE D. either HDPE or PVC 68. Vamsi : Vibrations produce sound Madhav : Sound produce vibrations 	
63 The a in the	making antiseptic ointm	_	Whose statement is correct ?[A. Vamsi's B. Madhav's C. Both are correct D. Both are wrong]
B. Cr C. Ei D. ne	near arrangement ross linked arrangement ther Linear or cross link either Linear or cross link	ed ked	 69. Precautions while doing flame test f identifying thermo plastics [A. Don't inhale fumes B. Wear apron on clothes]
force	ubstances that reduce the are called	he friction	C. Keep our self away from spirit lar D. All the above	-
C. Lul D. Fu 65. If we l tube,	smetics bricants els heat coal powder in a bo then	[]	A. In a empty glass bottle B. In water C. In Lemon juice D. In Kerosene	al]
B. Re C. Bro D. Wh 66-67 Obs	Ilow colour fumes liberated colour gases liberate ownish black colour gase nite colour gases release serve the following Tab	es release e ole :	 71. Which of the following is correct ? A. Static friction < Sliding friction B. Sliding friction < Rolling friction C. Rolling friction > Static friction D. None of the above]
	en answer to the questic Usage	recycled	72. Which is not true []
HDPE	Oil cans Milk packets	or not Yes	 A. Friction is friend B. Friction is enemy C. Friction is friend and enemy 	
PVC	Electric cables Water pipes	No	C. Friction is friend and enemyD. None of these	
LDPE	Dispensing bottles Wash bottles	Yes	NAGA MURTHY- 9441786635	
			Contact at : <u>nagamurthysir@gmail.com</u> Visit at : ignitephysics.weebly.com	

73. The resin code indicates []	77-78. Observe the following Table : And then answer to the questions 77&78 The total power shortage percentage from 1991- 1997.
A. HDPE	SI. No. Year Shortage (%)
B. PETE	1 1991 7.9
C. LDPE	2 1992 7.8
D. PP	3 1993 8.3
74. Metal oxides act as bases. Non metal	4 1994 7.4
oxides act as acids.	Answer the questions from 77 - 78
Identify the base from the following	77. The shortage percentage of power
[]	is in order []
A. Sulphur trioxide	A. Increasing
B. Sulphur dioxide	B. Decreasing
C. Carbon dioxide	C. Unparticular
D. Magnesium oxide	D. Constant
75. Substances :	78. In which year the shortage percentage
(i) Zinc	of power is maximum []
(ii) Gold	A. 1991
(iii) Silver	B. 1992
Which of the above appears in white	C. 1993
shining ?	D. 1994
Choose the correct answer:	79. The most abundant element in Human
A. (i) only	body []
B. (i) and (iii)	A. Nitrogen
C. (iii) only D. (i) and (ii)	B. Calcium
76. Ear structure	C. Oxygen
	D. Phosphorous
	80. Which is used as a decolourising
	agent and also in water purification
In the above diagram the indicated	systems [] A. Sulphur
part is []	B. Red Phosphorous
A. Ear drum	C. lodine
B. Middle bone	D. Activated Carbon
C. Auditory canals	D. Activated Carbon
D. Cochlea	
HITE PHYS	NTE PHYS
HIMA BETTER	THINK BEITTER
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