## T3-Coal And Petroleum Model Question Paper VIII

8th Standard

	Science	Reg.No.:	
1.	I. Answer all the questions		
Tim	ne : 01:30:00 Hrs		Total Marks: 35
	Part-A		5 x 1 = 5
1)	Which type of coal has high content of carbon?		
	(a) lignite (b) peat (c) bituminous coal (d) anthracite coal		
2)	Which type of coal is used in the household?		
	(a) lignite (b) peat (c) bituminous coal (d) anthracite coal		
3)	Naphthalene ball is obtained from		
	(a) coal gas (b) coke (c) coal tar (d) liquor ammonia		
4)	Fuel that is used in jet air craft		
	(a) petrol (b) petroleum gas (c) kerosene (d) diesel		
5)	Which of these is a fossil fuel?		
	(a) wood (b) paper (c) petroleum (d) phosphorus		
	Part-B		5 x 1 = 5
6)	The expansion of LPG is		
7)	The expansion of CNG is		
8)	Natural gas contains mainly		
9)	is the primary source of energy		
10)	The process of separating individual liquids, from the mixture of liquids which differ in their boiling point is called		
	Part-C		5 x 2 = 10
11)	Ram's family cooks food quickly as they use LPG gas. Murugan's family takes a longer time to cook food. What could be the reason?		
12)	What do you understand by the term carbonisation?		
13)	Point out the difference between coal and coke		
14)	The boiling point of three components A, B and C of petroleum are 120°C, 70°C, 250°C respectively. If a mixture of these three is fractionally	y distilled, which of the	se will be
	obtained at the bottom of the distillation column?		
15)	Types of coal and the percentage of carbon in each type is given below. Which type should be used to get high heat energy?		
	Lignite - 25 to 35% carbon		
	Bituminous - 45 to 86% carbon		
	Anthracite - 87 to 97% carbon		
	Part-D		5 x 3 = 15
	Countries like Dubai, Saudi Arabia, Abu Dhabi etc. have become very rich in recent years. What could be the reason?		
17)	You might have read news items such as the one given below What is the reason for the tragedy? List out the precautionary measures		
	Worker dies in septic tank, court		
	ban flouted again		
	Swift Powerpi rev of transfer or up sleft gene Though the government Chemnat: A Switzeld raw class to last schizole care		
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- $18) \ \ Workers in coal mines use battery operated torch lights instead of lanterns. Find out the reason for doing so$
- 19) LPG can be lit with a gas lighter whereas wood can not be lit using a gas lighter, why is it so?
- 20) Collect various petroleum products and display them in your class. (any five)

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