

## **Engineering Chemistry WorkSheet-3: Energy Sources**

<u>Choo</u>	se the co	rrect Answer:				
	The anode of the Zinc-air battery is					
	a. Zi	inc				
	b. Ca	arbon plate				
	c. Li	ithium cobalt oxide				
	d. N	one of the these				
2.	The batteries that are rechargable are called		( )			
	a. P	rimary				
	b. Se	econdary				
	c. R	eserve battery				
		uel cells				
3.	The secondary battery is also called		( )			
	a. St	torage				
	b. N	on rechargable				
	c. N	on reversible				
	d. A	ll the above				
4.	Energy c	Energy can be withdrawn indefinitely as long as outside supply of fuel is maintained (				
	a. P	rimary battery				
	b. Se	econdary battery				
	c. F	uel cell				
	d. R	eserve battery				
5.	The Catalyst used in Moving bed Catalytic Cracking behaves		( )			
	a. As	s a gas				
		s a suspension				
	_	s a fluid				
		s plasma	( )			
6.		the following is used as a jet engine fuel	( )			
	a. Ll	PG ower alcohol				
		ower alconol erosene				
	d. Co					
7	_		( )			
/.		the following fuel gases posses highest calorific value  Vater gas	( )			
		roducer gas				
		atural gas				
	d. B	<u> </u>				
^			( )			
8.		rific value of a fuel depends on the percentage of olatile matter	( )			
	b. As					
		ixed carbon				

d. moisture

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9.	a. Co			( )			
		drogen					
	d. Bio	ater gas ngas					
		- San					
10.	LPG is			( )			
		quid petroleum gas					
		ght petroleum gas					
	d. No	quid plasma gas					
	u. No	THE STATE OF THE S					
Fill in	the Blan	ıks					
11.	The catho	de used in Zn-air battery is					
		attery is also called as					
13.	The batter	ries used in the mobile are					
14. '	The EMF	of the Zn-air battery is					
15.	The Catho	ode in Li ion Battery					
		Formula is					
		ibustible substance which on proper l	ourning in air or Oxyge	n gives large			
		f heat is called					
	18. The process of Converting Higher boiling point fractions to lower boiling point						
	fractions		C . 1 1 1	.1 . 1 .1.			
	_	ess of Separation of various fractions	of petroleum based on	their boiling			
	_	known as					
20.	CNG is _	<del></del>					
Т (	Falsa						
True/		strolyto used in 7n. Air Pattory	, ic VOU	True /Falce			
		trolyte used in Zn -Air Battery de in Li Ion Battery is Carbon Plate	15 KUN	True /False True /False			
		e membrane used in DMFC		True / False			
		osition of Hythane is a Blend of Natural g	as and Hydrogen	True /False			
	_	lrogen is produced by splitting water mol		•			
	electrolysi		, 0	True /False			
<b>Match</b>	the Foll	<u>owing</u>					
	Primary ba		a) DMFC				
	Secondar	y battery	b) Watches				
	Fuel cell		c) Li-ion battery				
	Green Hyd	_	d) Moving bed				
30.	Catalytic	cracking	e) Chemicals and F	ertilisers			