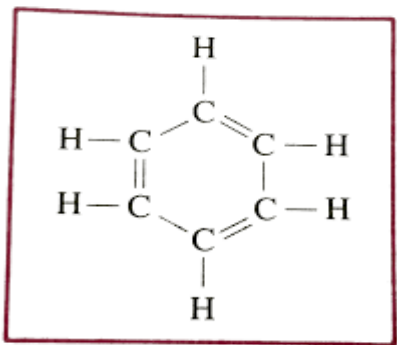


## ANSWER KEY-CHEMISTRY-10TH STD

SLNo	ANSWERS	MARKS
1	Ag	1
2	Chemical equilibrium is not dynamic	1
3	$C_{17}H_{36}$	1
4	Both statements 1 and 2 are correct, statement 2 is the correct explanation of statement 1	1
5	$450^{\circ}C$	1
6	a) electroplating means coating one metal over another with the help of electricity b) $AgNO_3$	1 1
7	a) reactivity b) electricity	1 1
8	a) 1—dehydrating nature 1) oxidising agent b) during the preparation of $SO_2$ , $Cl_2$ etc.	1 1
9	a) calcination and roasting b) calcination means heating in the absence of air whereas roasting will take place in the presence of air	1 1
10	a) benzene b) 	1 1
11	a) $CH_3 - CH - CH_2 - CH_2 - CH_2 - CH_3$   $CH_3$ b) 2-methyl hexane	2 1

12	<p>a)levigation b)gold c)froath flotation process</p>	<p>1 1 1</p>
13	<p>a)17 b)5 c)112L</p>	<p>1 1 1</p>
14	<p>a)product decreases b)product increases c)product increases</p>	<p>1 1 1</p>
15	<p>a)copper b)liquation,because low melting point</p>	<p>1 2</p>
16	<p>a)ammonium chloride and calcium hydroxide b)neutralisation c)concentrated solution of ammonia is liquor ammonia.ammonia gas can be easily liquified by applying pressure,is called liquid ammonia.</p>	<p>1 1 2</p>
17	<p>a)<math>\text{Al}_2\text{O}_3 \cdot 2\text{H}_2\text{O}</math> b) <math>\text{Al}_2\text{O}_3</math> c)anode---<math>2\text{O}_2^- \rightarrow \text{O}_2 + 4\text{e}</math> cathode—<math>\text{Al}^{+3} + 3\text{e} \rightarrow \text{Al}</math></p>	<p>1 1 1 1</p>
18	<p>a)<math>\text{Cu}^{+2}</math> b)Zn c)<math>\text{ZnSO}_4</math> d)<math>\text{Zn} + \text{CuSO}_4 \rightarrow \text{ZnSO}_4 + \text{Cu}</math></p>	<p>1 1 1 1</p>
19	<p>a)<math>\text{C}_5\text{H}_{10}</math> b)alkene c)pent-2-ene d)</p> <div style="text-align: center;"> <p><math>\text{C}_5\text{H}_{10}</math></p> </div>	<p>1 1 1 1</p>

<b>20</b>	<b>a) <math>1s^2 2s^2 2p^6 3s^1</math></b> <b>b) 1</b> <b>c) 11</b> <b>d) <math>1s^2 2s^2 2p^6 3s^2 3p^6</math></b>	<b>1</b> <b>1</b> <b>1</b> <b>1</b>