

**MODEL PAPER CHEMISTRY (OBJECTIVE)**  
**Intermediate Part – II (12<sup>th</sup> Class) Examination Session 2015-17 and onward**  
**Total Marks: 17** **Time Allowed: 20 Minutes**

**Note:** You have four choices for each objective type question as A, B, C and D. The choice which you think is correct; fill the circle in front of that question number. Use marker or pen to fill the Circles, Cutting or Filling two or more circles will result in zero mark in that question.

Q.No	Question	A	B	C	D
1.	What is trend of melting point of halogen group downward:	increases	Decreases	Remains same	First increases then decreases
2.	Which is ore of calcium:	Carnalite	Barite	Epsom salt	Phosphorite
3.	Which acid of boron is stable in solution form:	Metaboric acid	Tetraboric acid	Orthoboric acid	Pyroboric acid
4.	Chemical composition of heavy spar is:	CaSO <sub>4</sub>	BaSO <sub>4</sub>	HgS	Sb <sub>2</sub> S <sub>3</sub>
5.	Which one is strongest acid:	HClO <sub>4</sub>	HClO <sub>3</sub>	HClO <sub>2</sub>	HCl
6.	The colour of transition metal complexes is due to:	d — d excitation of electrons	d — d de-excitation of electrons	Ionization of metal atoms	Loss of s electrons
7.	Which set of hybrid orbitals has planar triangular shape?	sp	sp <sup>2</sup>	Sp <sup>3</sup>	dsp <sup>2</sup>
8.	Synthetic rubber is made the polymerization of:	Chloroform	Acetylene	Divinyl acetylene	Chloroprene
9.	Which one is fused ring polycyclic aromatic compound:	Biphenyl	Toluene	Naphthalene	Ethyl chloride
10.	What product is formed when ethanol reacts with methyl magnesium iodide:	Methane	Ethane	Ethene	Ethyl chloride
11.	What principal product is formed when phenol reacts with concentrated nitric acid:	Picric acid	o - nitrophenol	Nitrobenzene	No reaction takes place
12.	Which substance does not form iodoform when reacts with NaOH and I <sub>2</sub> :	Acetaldehyde	Acetone	2 - propanol	Methanal
13.	Amino acid tryosine was first isolated from:	Goat liver	Sugarcane	Cheese	Urine
14.	Which one of the following nitrogenous base is NOT present in RNA:	Cytosine	Adenine	Thiamine	Uracil
15.	Calcareous material for manufacturing of cement is:	Marine shells	Gypsum	Clay	Blast furnace slag
16.	A single chloride free radical can destroy how many ozone molecules:	10	100	10000	100000
17.	In purification of potable water, the coagulant used is:	Copper sulphate	Potash alum	Rock salt	Washing soda