

Objective
Paper Code
8488

Intermediate Part Second

CHEMISTRY (Objective) GROUP - II

Time: 20 Minutes

Marks: 17



Q.No.1

You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill the relevant circle in front of that question number on computerized answer sheet. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero marks in that question. Attempt as many questions as given in objective type question paper and leave other circles blank.

S.#	Questions	A	B	C	D
1	Preparation of vegetable ghee involves:	Halogenation	Hydrogenation	Hydroxylation	Dehydroge- nation
2	Which is meta-directing group?	- OH	-NH ₂	-NO ₂	- Cl
3	For which mechanism, first step involved is same?	E ₁ and E ₂	E ₂ and SN ₂	E ₁ and SN ₁	SN ₁ and E ₂
4	Ethanol can be converted into ethanoic acid by:	Hydrogenation	Oxidation	Hydration	Halogenation
5	The homologous series of both aldehydes and ketones have the general formula:	C _n H _{2n} O ₂	C _n H _{2n+2}	C _n H _{2n} O	C _n H _{2n-2}
6	Formalin is _____ solution of Formaldehyde in water.	10%	20%	40%	60%
7	Alkane nitrile can be converted into carboxylic acids by:	Hydration	Acidic hydrolysis	Hydrogenation	Oxidation
8	Which reagent is used to convert a carboxylic acid to an alcohol?	H ₂ / Ni	H ₂ / Pt	NaBH ₄	LiAlH ₄
9	All the nitrogen fertilizers except _____ make the soil acidic.	Calcium nitrate	Ammonium nitrate	Potassium nitrate	All these
10	Ionization energy of calcium is lower than _____ element.	Strontium	Magnesium	Barium	Sodium
11	Which compound is added in Down's cell to lower the melting point of sodium chloride?	CaSO ₄	CaCl ₂	Ca(NO ₃) ₂	Na ₂ CO ₃
12	Boric acid cannot be used:	As antiseptic in medicine	For washing eyes	In soda bottles	For enamels and glazing
13	Nitric acid does not react with all metals given, except:	Gold	Platinum	Magnesium	Iridium
14	Chlorine heptoxide (Cl ₂ O ₇) reacts with water to form:	Hypochlorous acid	Chloric acid	Perchloric acid	Chlorine and oxygen
15	Cl ₂ cannot oxidize:	F ⁻	Br ⁻	I ⁻	Na-metal
16	The colour of [Ti (H ₂ O) ₆] ³⁺ ion is:	Red	Yellow	Violet	Green
17	Friedrich Wholer synthesized urea by heating:	NH ₄ Cl	(NH ₄) ₂ CO ₃	NH ₄ CNO	NH ₃

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