FBD-12-G12-19

Objective Paper Code

8488

Intermediate Part Second (New Scheme) CHEMISTRY (Objective) GROUP-II

Time: 20 Minutes

Marks: 17

Rolf No. :

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. Objective type question paper and leave other circles blank.

S.#	Questions	Λ	В	C	D
1	Benzene cannot undergo:	Substitution reactions	Addition reactions	Oxidation reactions	Elimination reactions
2	Vinyl acetylene combines with HCℓ to form	Polyacetylene	Benzene	Chloroprene	Divinyl acetylene
3	In t-butyl alcohol, the tertiary carbon is bonded to:	Two hydroger atoms	Three hydrogen atoms	One hydroger atom	
4	Which is a typical transition metal?	Se	Y	Ra	Co
5	Which halogen occurs naturally in positive oxidation state?	Fluorine	Chlorine	Bromine	lodine
6	Which species has the maximum number of unpaired electrons?	O ₂	0;	O ₂	O ² -
7	Which element is not present abundantly in earth's crust?	Silicon	Aluminium	Sodium	Oxygen
8	Which sulphate is not soluble in water?	Sodium sulphate	Potassium sulphate	Zine sulphate	Barium sulphate
9	Mark the correct statement:	All the lanthanides are present in the same group	All the halogens are present in the same period	All the alkali metals are present in the same group	All the noble gases are present in the
10	In the purification of potable water the coagulant used is:	Nickle sulphate	Copper sulphate	Barium sulphate	Same period Alum
11	Micro-nutrients are required in quantity ranging from:	4 - 40 g	6 - 200 g	6 - 200 kg	4 - 40 kg
12	Which is a monosaccharide?	Fructose	Sucrose	Starch	Cellutose
13	The reaction between fat and NaOH is called:	Esterification	Hydrogenolysis	Fermentation	Saponification
4	Which is not a fatty acid?	Propanoie acid	Acetic acid	Phthalic acid	Butanoic acid
5	Which of the given compounds will not give iodoform test on treatment with l ₂ / NaOH?	Acetaldehyde	Acetone	Butanone	3-pentanone
,	Which compound will have maximum repulsion with H ₂ O?	C ₆ H ₆	C ₂ H ₅ OH	CH ₃ CH ₂ CH ₂ OH	CH ₃ - O - CH ₃
7	Grignard reagent is reactive due to:	The presence of halogen atom	The presence of Mg atom	The polarity of C-Mg bond	The polarity of Mg-X bond

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(ii)

(x)

(i)

(iii)

(v)

6. (a) Describe rules for naming the coordination complexes and give one example. (b)Describe air pollution briefly. 04 7. (a) What is cracking? Discuss its two types.

(b) Write the classification of aromatic hydrocarbons giving one example of each. 04 04

8. (a)Describe Kolbe's method for the preparation of ethyne with reaction mechanism. (b)Describe Lucas test for the identification of primary, secondary and tertiary alcohols with suitable

04 chemical reactions. ()4(a) Differentiate between S_N1 and S_N2 reactions. (b) Write one laboratory and one industrial method for the preparation of acetaldehyde. 04

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