RAWALPINDI BOARD

Chemistry (New Scheme) **(Session: 2023)** **(Group-I / A-2023)**

SSC (Part-II) **Class - 10th** **New Scheme**

Time: 15 Minutes **(OBJECTIVE)** **Marks: 12**

Note:- Write answers to the questions on objective answer sheet provided. Four possible answers A, B, C & D to each question are given. Which answer you consider correct, fill the corresponding circle A, B, C or D given in front of each question with Marker or pen ink on the answer sheet provided.

1- For a certain reaction between PCl_3 and Cl_2 to form PCl_5. The unit of Kc are: **Ch. # 09**

(A) mol dm^{-3} (B) mol^{-1} dm^{-3} (C) mol^{-1} dm^3 (D) mol dm^3

2- Acetic acid is used for **(Ch. # 10)**

(A) Flavouring of Food (B) Making explosive (C) Etching design (D) Cleaning Metals

3- The POH of 0.02 M $Ca(OH)_2$ is. **(Ch. # 10)**

(A) 1.698 (B) 1.397 (C) 12.31 (D) 12.61

4- Petroleum is refined by **(Ch. # 11)**

(A) Destructive distillation (B) Fractional distillation

(C) Simple distillation (D) Dry distillation

5- Which one of these is a saturated hydrocarbon: **(Ch. # 12)**

(A) C_2H_4 (B) C_3H_6 (C) C_4H_8 (D) C_5H_{12}

6- One of the following vitamins is water soluble. **(Ch. # 13)**

(A) Vitamin A (B) Vitamin C (C) Vitamin D (D) Vitamin E

7- Infrared radiation emitted by earth and absorbed by: **(Ch. # 14)**

(A) CO_2 & H_2O (B) N_2 & O_2 (C) CO_2 & N_2 (D) O_2 & CO_2

8- One is a secondary pollutant: **(Ch. # 14)**

(A) CH_4 (B) SO_3 (C) SO_2 (D) HNO_3

9- Temporary hardness in water is because of: **(Ch. # 15)**

(A) $Ca(HCO_3)$ (B) $CaCO_3$ (C) $MgCO_3$ (D) $MgSO_4$

10- Disease caused by Protozoa is. **(Ch. # 15)**

(A) Dysentery (B) Cholera (C) Cryptosporidium (D) Hepatitis

11- The formula of urea is. **(Ch. # 16)**

(A) NH_2COONH_4 (B) NH_2CONH_4 (C) NH_2COONH_2 (D) NH_2CONH_2

12- The nitrogen present in urea is used by plants to synthesize. (Ch. # 16)

(A) Sugar (B) Proteins (C) Fats (D) DNA

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