*Vijay sir preliminary CBSE Papers*

*Class ten*

*MOB -9773203418/9821843764*

*STD MARKS TIME*

*SET 2 pages 1*

Q1] Give the IUPAC name of [2M]

1] CH3-CH-CH2 –----------CH3

CH3 C ----------CH3

CH3

2] CH3—CH2­­­­­­­­­­­­---------------CH2-CH-CH2-CH0

CH3

Q2] Draw electron dot structure of ethane.[2M]

Q3] Name one alcohol which is poisonous [1M]

Q4] Ethyl alcohol on complete oxidation gives a product which is acidic in nature. Write equation for this.[2M]

Q5] Give two uses of ethnic acid [2M]

Q6] Write chemical equation of decarboxylation of ethnic acid [2M]

Q7] what is meant by denatured alcohol? How is it prepared? [2M]

Q8] Give industrial preparation of methanol [2M]

Q9] Explain why soaps are not effective cleansing agents in hard water. [4M]

Q10] Write the chemical equation for the following reactions [3M]

1] Reaction of sodium with ethanol [cont page 2] Vijay sir prelim papers

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2] Reaction of alkaline potassium permanganate solution with ethanol

3] Reaction of chromic anhydride with ethanol

Q11] Ethanol burns with a blue flame. What are the products formed on the burning of ethanol [2M]

Q12] which period is the longest period in the periodic table? [1M]

Q13] what was the chaw back of the law of octaves? [1M]

Q14] an element X is in group 2 o the periodic table

1] What will the formula of its chloride be? [1M]

2] What will be the formula of its oxide? [1M]

Q15] on moving down a group of periodic table what happens to the

A] Atomic size of the elements [1M]

B] Chemical reactivity of the elements [1M]

Q16] which element has? [6M]

A] An atomic mass of 14

B] An atomic number of 16

C] Two energy shell, both of which are filled with electrons

D] The electron structure 2, 8, 2

E] Twice as many electrons in its second shell as in its first

Q17] Nitrogen [atomic no 7] and phosphorus [atomic no 15] belong to the group 15 of the periodic table. Write the electronic configuration of these two elements. Which of these will be more electronegative? Why [3M]

Q18] What is atomic radius? Why does atomic radius decreases across the period? [3M] cont page 3 [Vijay sir prelim papers]

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Q] 19An element X belongs to the group 2 and another element Y belonging to group 15 of the periodic table [4M]

A] What is the number of valence electron in x?

B] What is the valency of x?

C] What is the number of valence electrons in y?

D] What is the valency of y?

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