JSUNIL TUTORIAL, SAMASTIPUR 10TH CARBON AND COMPOUND MCQ

MCQ (PRACTICAL BASED)

- 1. The two colours seen at the extreme ends of the pH charts are:-
- a> red and blue b> red and green c> green and blue d> orange and green
- 2. Carboxylic acids on heating with P2O5 gives:-
- a> ethers b> alcohol c> carbonyl compounds d> anhydrides
- 3. Synthetic flavours contain:-
- a> unsaturated acids b> esters c> dilute carboxylic acids d> hydroxyl acids
- 4. Out of the following which one is used as preservative for pickle and sauces:- a> esters b> acetone c> aldehyde d> acetic acid
- 5.brisk effervescences produced when a pinch of Na2CO3 is added to CH3COOH is due to the formation of :-
- a> H2 gas b> CO2 gas c> CO gas d> CH4 gas
- 6. When an acetic acid reacts with an alcohol in the presence of conc. H2SO4:-
- a> esters are formed b> ketones are formed c> aldehydes are formed d> none of these
- 7. Sodium bi carbonate solution is added to dilute Ethanoic acid. It is observed that:-
- a> a gas evolves

b> a solid settles at the bottom

c> the mixture becomes vapour

d> the colour of the mixture becomes light Yellow

- 8. Ethanoic acid was added to sodium bicarbonate sol. And the gas evolved was tested with a burning splinter. The following four observations were reported:- a> the gas burns with the pop sound and the flame gets extinguished. b>the gas does not burn out but the splinter burns with a pop sound c> the flame extinguishes and the gas does not burn c> the gas burns with a blue flame and the splinter burns brightly. The correct observation is reported in:-
- a> 1
- b> 2
- c > 3
- d > 4
- 9. 2ml of ethanoic acid was taken in each test tube 1 and 2 .A red litmus paper was introduced in test tube 1 and a pH paper was introduced in test tube 2. The experiment was performed by 4 students A, B, C, D and they reported their observation as given in the table. STUDENT ACTION ON RED ACTION ON LITMUS Ph PAPER A Turned blue turned pink B Remains unchanged turned green C Turned blue turned blue D Remains unchanged turned pink The correct observation is reported in a> A

b>B

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c> C

d> D

10. Acetic acid was added to a solid X kept in a Test tube. A colourless, odourless gas Y was evolved. The gas was passed through the lime water, which turned milky. It concludes that:-

a> solid X is NaOH and the gas Y is CO2

b> solid X is Na2CO3 and the gas Y is CO2

c> solid X is sodium acetate and the gas y is CO2

d> solid X is sodium chloride and the gas Y is CO2

ANSWERS PRACTICAL MCQ

1. A)red and blue

2. D) anhydrides

7. D)

3. B) esters

4. D) acetic acid

5. B) CO2

6. A) esters

8. C)

9. D)

10.B