

INTERNAL ASSESMENT

Department of Chemistry
Science College, Kokrajhar

Subject: **CHEMISTRY (GENERAL)**
Semester-IV (Both Regular and Arrear)

Full Marks: 10

*(Students are directed to submit the Answers by e-mail to the mail ID: swarnadey.nlb@gmail.com mentioning their Name, Roll Code and Roll No. **Last Date of submission is 04.08.2020**)*

Q.1. Which of the following is secondary alcohol?

- (a) Ethanol (b) Isopropyl alcohol (c) Butanol (d) 2-Methylbutan-2-ol.

Q.2. Which of the following is secondary amine?

- (a) Ethanamine (b) N-methylethanamine
(c) N,N-dimethylethanamine (d) None of the above.

Q.3. What will formed when ethylmagnesiumchloride is treated with methanal followed by hydrolysis ?

- (a) Methanol (b) Propanol (c) Ethanol (d) Ethanal .

Q.4. What will formed when ethylchloride is treated with KOH(aq)?

- (a) Methanol (b) Ethanol (c) Methanol (d) Ethanal.

Q.5. Hinsberg reaction is a test for the detection of what type of organic compound?

- (a) Alcohol (b) Amine (c) Aldehyde (d) Ketone.

Q.6. What will formed when ethanamine is treated with nitrous acid(HNO₂)?

- (a) Methanol (b) Methanal (c) Ethanol (d) Ethanal.

Q.7. Carbylamine test is used to detect for what types of amine?

- (a) Tertiary amine (b) Secondary amine (c) Primary amine (d) None of the above.

Q.8. Among the following which one is disaccharides?

- (a) Glucose (b) Starch (c) Lactose (d) cellulose.

Q.9. What is range in size of colloidal particles?

- (a) 1nm-10nm (b) 1nm-100nm (c) 1nm-1000nm (d) 1nm-10000nm.

Q.10. Which of the following is the unit of rate constant (K) for second order reaction?

- (a) mol L / S (b) mol/LS (c) L/ mol S (d) mol / L.