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221912

Roll No.

**1st Sem / DMLT, DMLT
(For Speech and Hearing Impaired)**

Subject : Basic Chemistry

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 pH value of acid is

- a) More than 7 b) 7
- c) Less than 7 d) None

Q.2 When triglycerides are breakdown_____are formed

- a) Glycerol+ fatty acids
- b) Glucose + fructose
- c) Amino acids
- d) Fatty acids only

Q.3 pH is function of

- a) OH b) H
- c) CO d) O

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Q.4 Components of carbohydrates

- a) Hydrogen b) Oxygen
- c) Carbon d) All

Q.5 Substance which increase the reaction rate is living beings

- a) Metal b) Catalyst
- c) Enzymes d) Alloy

Q.6 Ethanal is an_____

- a) Ketone b) Aldehyde
- c) Hydrocarbon d) Alcohol

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 What are lipids?

Q.8 What is a universal solvent?

Q.9 Define conjugated proteins.

Q.10 What are laws of photometry?

Q.11 Define density.

Q.12 Give two examples of amino acids.

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SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Write down uses of distilled water.
- Q.14 Write a short note on chemical hazards.
- Q.15 What are applications of photometry?
- Q.16 How does pH level affect the human body?
- Q.17 Why glasswares are more important in the laboratory than plastic wares.
- Q.18 Write down the difference between colloids and solutions.
- Q.19 Write down the safety guidelines of the chemistry lab.
- Q.20 What are the good qualities of water.
- Q.21 Write a note on laws of photometry.
- Q.22 Discuss the uses of methanol and ethanol.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Give the basic chemistry of proteins and their nutritional effect on the human body?
- Q.24 What is GLP? Explain its applications.

Q.25 Write short note on:-

- a) Enzymes
- b) Phospholipid
- c) Triglycerides