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221912

Roll No.

**1st Sem/Branch : 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 pure water is.

- a) 5 b) 7
- c) 6 d) 8

Q.2 When proteins are breakdown _____ are formed.

- a) Ozone b) Molecules
- c) Amino acids d) Current

Q.3 pH means.

- a) Potential of hydrogen
- b) Presence of hydrogen
- c) Presence of hemoglobin
- d) Power of hemoglobin

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Q.4 The most abundant element in the universe is.

- a) Hydrogen b) Oxygen
- c) Carbon dioxide d) Silicon

Q.5 Substance which increase the reaction rate is.

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

Q.6 RBC stands for.

- a) Red Blood Cells b) Blood Cells
- c) White Blood Cells d) Random Blood Cells

SECTION-B

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

Q.7 What is meant by organic compounds?

Q.8 What is a universal solvent?

Q.9 Define Solution.

Q.10 What is photometry?

Q.11 Define Viscosity.

Q.12 Give two examples of inorganic compounds.

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SECTION-C

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

- Q.13 Write a short note on Osmosis
- Q.14 Write a short note on blood collection.
- Q.15 Write a short note on lipids.
- Q.16 Write down the different types of Hazards.
- Q.17 Why cleaning glassware is important in the laboratory.
- Q.18 Write down the difference between hard water and soft water.
- Q.19 What is the importance of Acid and base?
- Q.20 What are the good qualities of water?
- Q.21 Write a note on any one law of photometry.
- Q.22 What are the characteristics of solutions?

SECTION-D

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

- Q.23 Give the classification of carbohydrates and their nutrition effect on the human body?
- Q.24 Explain about the following
- a) Surface Tension
 - b) Luminous Intensity
- Q.25 Write a detailed note on GLP?