

# CHEMISTRY 2023

Max. Marks: 60

Time: 3 Hour

## SECTION "A" MULTIPLE CHOICE QUESTIONS (MCQs)

Marks: 12

**NOTE:** (i) Attempt all the Questions of this Section.

(ii) Do not copy down the part questions. Write only the answer against the proper number of the Question and its part according to the question Paper.

(iii) Each question carries 1 Marks

1. Choose the correct Answer for each from the given question:

1. The system will be stable in equilibrium when:

\*  $K_c = Q_c$  ✓   \*  $K < Q_c$    \*  $K > Q_c$    \* none of these

2. Corrosive effects on skin is caused by:

\* acid ✓   \* base   \* salt   \* all of these

3. If pH value is greater than 7, then solution will be:

\* Acidic   \* Basic ✓   \* Natural   \* Amphoteric

4. The functional group  $-COOH$  is used for:

\* Alkyne   \* Alcohol   \* Phenol   \* Carboxylic acid ✓

5. The branch of Chemistry which deals with the hydrocarbon and their derivatives, is known as:

\* Organic Chemistry ✓   \* Inorganic Chemistry

\* Bio Chemistry   \* Physical Chemistry

6. Glucose is:

\* vitamin   \* protein   \* lipid   \* carbohydrate ✓

7. Amino acids are building block of:

\* nucleic acid   \* protein ✓   \* vitamin   \* lipids

8. The centrifuge machine is used for the separation of:

\* juice   \* pH   \* mud   \* crystal ✓

9. The altitude of stratosphere is:

\* 40 to 45 km   \* 50 to 55 km ✓   \* 60 to 65 km   \* 70 to 75 km

10. Ozone is a gas that is found in the layer of:

\* Troposphere   \* Mesosphere

\* Stratosphere ✓   \* Exosphere

11. Fresh water is present on the surface of earth:

\* 0.3%   \* 3% ✓   \* 0.2%   \* 2%

12. The citric acid is used in the preparation of cold drinks for

\* sweet taste   \* bitter taste

\* sour taste ✓   \* salty taste

# Jan 13 F321 Chemistry Past Paper

**JA Banks**



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