



Code Number:

**A****Aakash****Medical | IIT-JEE | Foundations**

Corp. Office: Aakash Educational Services Limited, 3rd Floor, Incuspaze Campus- 2, Plot No. 13,  
Sector- 18, Udyog Vihar, Gurugram, Haryana - 122015

Time: 3 hrs.

**Mock Test Paper for Class-XII**

Max. Marks: 60

**CHEMISTRY**

Roll No.

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**GENERAL INSTRUCTIONS**

Read the following instructions carefully and follow them:

1. The Question paper consists of section **A, B, and C**
2. Answer all the questions of **Section A**. Answer ANY **SIX** questions out of **eight** in **Section B** and answer **ANY TWO** questions out of **three** "in **Section C**."
3. In **Section A**, questions from Sl. Nos. **1 to 10** are of '**very short answer type**'. Each question carries **TWO** marks. Every answer may be limited to **5** lines. Answer all the questions at one place in the same order.
4. In **Section B**, questions from Sl. Nos. **11 to 18** are of '**short answer type**'. Each question carries **FOUR** marks. Every answer may be limited to **20** lines. Answer any **SIX** questions out of 8 questions..
5. In **Section C**, questions from Sl. Nos. **19 to 21** are of '**long answer type**'. Each question carries **EIGHT** marks. Every answer may be limited to **60** lines. Answer any **TWO** questions out of 3 questions.
6. Draw labelled diagrams, wherever necessary for questions in **Sections B and C**.



## SECTION - C

**III. Answer ANY TWO questions.**

**2 x 8 = 16**

19. Describe the following
- |                        |                                 |
|------------------------|---------------------------------|
| (i) Cannizaro reaction | (ii) Crossed aldol condensation |
| (iii) Decarboxylation  | (iv) Aldol condensation         |
20. (a) How does Ammonia reacted with the following reactions?
- |                                |                                 |                               |
|--------------------------------|---------------------------------|-------------------------------|
| (i) $\text{ZnSO}_4(\text{aq})$ | (ii) $\text{CuSO}_4(\text{aq})$ | (iii) $\text{AgCl}(\text{s})$ |
|--------------------------------|---------------------------------|-------------------------------|
- (b) How is sulphuric acid manufactured by "contact process"
21. Give a detailed account of the collision theory of reaction rates of bimolecular gaseous reactions.



  
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