

XL : LIFE SCIENCES*Duration: Three Hours**Maximum Marks: 100***Read the following instructions carefully.**

1. Do not open the seal of the Question Booklet until you are asked to do so by the invigilator.
2. Take out the **Optical Response Sheet (ORS)** from this Question Booklet **without breaking the seal** and read the instructions printed on the **ORS** carefully.
3. On the right half of the **ORS**, using **ONLY a black ink ball point pen**, (i) darken the bubble corresponding to your test paper code and the appropriate bubble under each digit of your registration number and (ii) write your registration number, your name and name of the examination centre and put your signature at the specified location.
4. This Question Booklet contains **28** pages including blank pages for rough work. After you are permitted to open the seal, please check all pages and report discrepancies, if any, to the invigilator.
5. There are a total of **65** questions carrying **100** marks. All these questions are of objective type. Each question has only **one** correct answer. Questions must be answered on the left hand side of the **ORS** by darkening the appropriate bubble (marked **A, B, C, D**) using **ONLY a black ink ball point pen** against the question number. **For each question darken the bubble of the correct answer. More than one answer bubbled against a question will be treated as an incorrect response.**
6. Since bubbles darkened by the black ink ball point pen **cannot** be erased, candidates should darken the bubbles in the **ORS** **very carefully**.
7. This Question Booklet contains **Seven** sections: **GA** (General Aptitude), **H** (Chemistry), **I** (Biochemistry), **J** (Botany), **K** (Microbiology), **L** (Zoology) and **M** (Food Technology).
8. Section GA (General Aptitude) and Section H (Chemistry) are compulsory. Attempt any **two** optional sections **I** through **M**. Using a **black ink ball point pen**, mark the sections you have chosen by darkening the appropriate bubbles provided on the left hand side of the **ORS**. Also, write the codes of the optional sections in the boxes provided. In case the candidate **does not bubble section codes** corresponding to Optional Section-1 or Optional Section-2 or both, the corresponding sections will **NOT** be evaluated.
9. Questions Q.1 – Q.10 belong to Section **GA** (General Aptitude) and carry a total of **15** marks. Questions Q.1 – Q.5 carry **1** mark each, and questions Q.6 – Q.10 carry **2** marks each.
10. There are **15** questions carrying **25** marks in Section **H** (Chemistry), which is compulsory. Questions Q.1–Q.5 carry **1** mark each and questions Q.6–Q.15 carry **2** marks each. The **2** marks questions include one pair of common data questions and one pair of linked answer questions. The answer to the second question of the linked answer questions depends on the answer to the first question of the pair. If the first question in the linked pair is wrongly answered or is unattempted, then the answer to the second question in the pair will not be evaluated.
11. Each of the other sections (Sections **I** through **M**) contains **20** questions carrying **30** marks. Questions Q.1–Q.10 carry **1** mark each and questions Q.11–Q.20 carry **2** marks each.
12. Unattempted questions will result in zero mark and wrong answers will result in **NEGATIVE** marks. For all **1** mark questions, **%** mark will be deducted for each wrong answer. For all **2** marks questions, **%** mark will be deducted for each wrong answer. However, in the case of the linked answer question pair, there will be negative marks only for wrong answer to the first question and no negative marks for wrong answer to the second question.
13. Calculator is allowed whereas charts, graph sheets or tables are **NOT** allowed in the examination hall.
14. Before the start of the examination, write your name and registration number in the space provided below using a black ink ball point pen.

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