

Observation Examination Planetarium Round Instructions

- At the entrance of the Planetarium Dome the following items were handed over to you:
 1. An envelope marked [B].
 2. A pouch containing a stopwatch, a head torch and a green pen.
 3. A writing board
- Please verify the Contestant Code printed on envelope marked [B].
- The Question Paper, two Sky Maps, and Summary Answersheets are kept inside the smaller envelope [S]. **You are allowed to open this envelope ([S]) only when the whistle is blown to mark the start of the examination.** The exam time (1 hour) starts from this point.
- There are two questions in this exam: OP01 and OP02. You will have **15 minutes** to read the question paper, and make any preliminary plans for your observation. During this time, lights in the planetarium dome will be on.
- Time for question OP01 is **15 minutes**:
 - Dark adaptation and familiarisation with the sky: 3 minutes
 - Main task: 12 minutes
- Time for question OP02 is **10 minutes**.
- A whistle will be blown at the start and at the end of each question.
- There will be a break of **2 minutes** between the questions.
- The time remaining for each question will be displayed on the dome at one minute intervals. Please pay attention.
- At the end of the projection, lights will be turned on again, and you will have **18 minutes** to finalise your answers.
- If you use a pencil to mark or trace something, please overwrite by the green pen (supplied in your pouch) before submission to improve clarity.
- At any time during the examination, you may stand up at your place and/or turn around. However, you are not allowed to move out of your place.
- You must maintain strict silence throughout the examination.
- The flow of the examination is as follows:

| | | |
|-----------------------|-----------------|---|
| Lights ON | 15 min | Question reading and observation planning |
| Lights OFF: | 27 mins 20 sec | Projection on dome |
| Time (min:sec) | Duration | Projection |
| 00:00 – 00:10 | 10 sec | Question OP01 text message on dome |
| 00:10 – 15:10 | 15 min | Projection for Question OP01 |
| 15:10 – 17:10 | 2 min | Break |
| 17:10 – 17:20 | 10 sec | Question OP02 text message on dome |
| 17:20 – 27:20 | 10 min | Projection for Question OP02 |
| Lights ON | 18 min | Calculation and finalisation |

Observation Examination Planetarium Round Instructions

- **At the end of the examination:**

- Check that you have correctly written your Contestant Code and page numbers on all used sheets.
- Arrange your sheets in the following order:
Summary Answersheet of (OP01), sky map Map-OP01, Working Sheet(s) used for (OP01),
Summary Answersheet of (OP02), sky map Map-OP02, Working Sheet(s) used for (OP02).
- Place the bunch of the above sheets inside the smaller envelope **[S]**. Both Summary Answersheets must be placed inside the envelope **[S]** irrespective of whether you have used them or not.
- **Only the contents of the smaller envelope **[S]** will be evaluated. Any sheet that is not placed inside this envelope will not be evaluated.**
- Place the smaller envelope **[S]** inside the bigger envelope **[B]**.
- All other sheets, namely, Instruction Sheet(s), Question Paper(s), Data Sheet(s) and unused Working Sheet(s) should be placed directly inside the bigger envelope **[B]**.
- Tie the thread seal on the envelope **[B]**.
- Place the head torch, stopwatch, and the green pen inside the pouch.
- Carry the envelope **[B]**, the writing board, and the pouch to the exit and drop them in the designated boxes.