

State Level Aryabhat Astronomy Quiz

Scheme of the examination : Secondary Level

Date of examination : Saturday 22nd December 2018

The secondary level examination of Astronomy Quiz is a practical test. It is meant to evaluate the aptitude of the contestants for practical Astronomy. The examination consists of the following sections :

1 Solar Activity :

15 marks

Contestants shall show their skill in Solar Observation by way of activities offered in the examination.

2 Paper Presentation :

15 marks

All the participants are required to make a presentation on a topic of their choice. The topic should be related to Astronomy or Space Science. Every participant will be allowed a time-slot of 2 minutes 30 seconds to speak on the topic. The judges may put queries related to the topic after the presentation. The participant shall answer those queries in brief and precise manner.

3 Identification :

25 marks

The test is generally based on astronomical objects with a magnitude of +5 or brighter. The participant will be offered to pick-up three slips from the bowl and identify the objects written on the slips in the open sky. If any of the picked-up slips indicates an object, which is not in the sky for the moment, the contestant shall inform the examiner about it. If the statement of the contestant is correct, the examiner will offer him to pick-up another slip from the bowl. The maximum time allowed for identification of the objects should be less than 2 minutes.

4 Aligning the Telescope :

15 marks

The contestants have to align the Telescope at the object(s) indicated by the examiner. The contestant shall align the Telescope at the given object such that the object appears in the centre of the view. If the contestant aligns the telescope in less than 10 seconds, full marks will be awarded. Slab-wise deduction of marks will be applied where the contestant takes more time for alignment.

5 Viva-voce :

20 marks

All contestants shall be facing a viva-voce. This section has a specific motif of examining the depth of knowledge of the contestants. Conceptual questions related to Astronomy, Space and Basic Science would be put to the participants individually for oral reply.

As mentioned in the intimation letter, 10 marks will be provided for *sessional*, that is the conduct of the participant in the training and secondary level camps, his/her willingness to learn, positive attitude and other such factors.