

# Aryabhat Astronomy Quiz 2018 – 19

## Details of the Quiz

### ☛ The Organisation :

Aryabhat foundation is a special endeavor for promotion of Astronomy and Basic Science. The movement had started in 1995, which has now taken a shape of a duly registered social service organisation. Backed by a group of people dedicated to their duties towards the society, the organisation is committed to serving the Basic Science to the youngsters in a tasty way, thereby urging them to develop a science based temperament.

### ☛ The Program :

Astronomy is not only a constructive hobby for the children but can also prove to be a pathway to bright future for youngsters aspiring of a challenging career in space technology.

The Astronomy Quiz is aimed at developing the interest of the school students in this field through practical exposure. The quiz is a two-tier competition consisting of a preliminary test followed by practical test. The preliminary test is a *cream separation* exercise conducted on computers through specially designed software, which offers a unique set of questions to each participant.

Selected participants will qualify for the secondary level by merit in the preliminary test. These participants will be given free study kit & training in sky reading, telescope operation and practical Astronomy. The secondary level test is held in the month of December every year, for the children qualifying in the preliminary level. This test is meant to examine the ability of the participants in practical Astronomy.

Final winners will be selected on the basis of their overall performance. The software and necessary technical support will be provided *free of cost* to interested educational institutes on receipt of entries in requisite format. Contestants will not be paid Traveling Expenses or DA at any stage.

### ☛ Eligibility :

Students from class 6 to class 9 (both inclusive) from any school situated in Madhya Pradesh are eligible to take part in the quiz. However, students who had participated in the Secondary Level of Aryabhat Astronomy Quiz last year will be allowed to participate till they pass out class 10.

### ☛ Entry Fee :

A nominal entry fee of Rs 50/- (Rupees fifty only) per student is applicable for the preliminary level. No separate fee will be charged for secondary level. Students from SOS Children's Village, Navoday Vidyalay, Kendriya Vidyalay and Government Schools are exempted from the fee. 30% of the fee amount will be paid to the school conducting the test.

### ☛ Preliminary Test :

The Astronomy Quiz consists of questions on basic Astronomy & Space Science, which can be a part of general awareness of a school student.

Preliminary test consists of 20 objective type questions for each participant, to be attempted in 150 seconds. Five marks will be awarded for a correct answer and two marks will be deducted for a wrong one. The score will be displayed on-screen upon finishing the test. Preliminary test can be conducted within the school in presence of our official.

### ☛ System Requirement :

The quiz software can run on all normal computers. *Schools not having computers shall contact us for common centre accommodation.*

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## ☛ The Prizes :

Winners of the quiz shall visit the observatory of their choice from those at Dongla, GMRT & IUCAA Pune, Kavalur, Kodaikanal, Nainital and Udaipur & Mount Abu in small groups, during the next summer vacations. The allotment of observatories will be on the basis of overall merit. The school with largest participation in preliminary level and has paid the entry fee shall get one Astronomical Telescope from Aryabhat.

## ☛ How to prepare :

The questions in the quiz are based on Astronomy, Space & related science. Participants must acquire a good knowledge of the Solar System, Deep Sky Objects & General Astronomy. Participants must operate the Demo Quiz to get an idea of the pattern of the quiz. The **Study Material** compiled by our senior students and **Demo Quiz** software are available on our website, to acquaint the participants with the quiz.

## ☛ How to participate :

Educational institutes shall feed the names of participants in the MS-Excel format and send them to us, giving three dates of their preference.

The dates shall be within the following span :

Starting date	1 Aug 18	Open on Sundays and all Holidays
Ending date	3 Sep 18	

The entries will be accepted ONLY as soft data in the requisite format. This format can be downloaded from our website. The MS-Excel file containing all particulars shall be sent by email IDs given below. Upon receiving the data, Aryabhat shall process the roll numbers for the concerned school and provide the software pack to the school fixing up a date for the quiz. The fee collected shall be handed over to the Aryabhat official against printed receipt, after the quiz is conducted at the school.

Children interested to take part in the quiz shall contact their school administration to get their names enrolled. However, *if any student faces difficulty in participation, he/she can directly contact **Aryabhat** for help.*

## ☛ Contact information :

### **Aryabhat**

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### **Quiz Coordinator**

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