

## MARKS DISTRIBUTION FOR ASTRONOMY FOR PRACTICALS

Long experiments – 10mks

Short experiments – 07 marks

Journal - 03 marks

Total – 20mks

Sr. No	Name of the experiments	Marks distribution	Marks
1.	<b>Understand colours in Stars</b>	Set correct date, time and location	2mks
		Click on Prominent star	1mk
		Name, colour of constellation of star	3mks
		Observation of table	2mks
		Conclusion	2mks
2.	<b>Understand brightness of star</b>	Set correct time, date and location	2mks
		Click on star and write info	2mks
		Name, Magnitude and constellation	3mks
		Find magnitude of brightest object	2mks
		Conclusion	1mk
3.	<b>Make planet visibility chart</b>	Set correct time, date and location	2mks
		Find time when planet rises	2mks
		Find max height of planet	2mks
		Find the constellation	2mks
		Observation and conclusion	2mks
4.	<b>To find time to observe Venus</b>	Set correct time, date and location	2mks
		Look for Venus	3mks
		Note date, time of visibility of planet	2mks
		Note when planet is at high altitude	1mk
		Conclusion	2mks
5.	<b>To find best time to observe Mercury</b>	Set correct time, date and location	2mks
		Identify planet	3mks
		Writing date when planet is close to the horizon	2mks
		Highest altitude	1mk
		Conclusion	2mks
6.	<b>To observe revolution of Galilean moons of Jupiter</b>	Set correct time, date and location	2mks
		Search for planet	2mks
		Identify 4 moons	1mk
		Write location of moon and Jupiter	2mks
		Drawing a sketch	2mks
		Conclusion	1mk
7.	<b>To observe the phases of planet Venus</b>	Set correct time, date and location	2mks
		Search Venus	2mks
		Date and phase of Venus	2mks
		Date of crescent Venus	2mks
		Conclusion	2mks
8.	<b>To observe phase of Mercury</b>	Set correct time, date and location	2mks
		Search Venus	2mks
		Date and phase of Venus	2mks
		Date of crescent Venus	2mks
		Conclusion	2mks
			Total 80 mks

**SHORT EXPERIMENTS**

1.	<b>11. To measure diameter of the moon</b>	Measuring diameter of crater	2mks
		Measuring diameter of moon	2mks
		Observation Table	2mks
		Conclusion	7mks
2.	<b>12. To measure the depth of Lunar Crater</b>	Measuring Length 'l'	1mk
		Measure the distance of crater on image	1mk
		Depth of crater	1mk
		Observation table	3mks
		Conclusion	7mks



List of external examiners for Astronomy.

1. Deepa Fernandes - Shri Nirakar Vidyalaya, Mashem
2. Vishwanath Pai - St. Sebastian's High School, Loliem
3. Nipti Kankonkar - M.E.F's Fatima High, Ponda
4. Deepali Savant-Balbharati Vidyamandir Raibandar
5. Manisha Sarmalkar
6. Chandani Sawal Desai- Dr. K. B. Hedgewar High School, Cujira.
7. Kanchan Naik Bholnekar - Shri Mallikarjun vid.High School Conacona.
8. Prasad Shetgaonkar Harmal Panchakroshi High school Harmal
9. Avita Rodrigues- Holy Cross High School Bastora.
10. Bonita Rodrigues Mushtifund High School
11. Nancy Rodrigues
12. Deepak Gaonkar St Aloysius High School
12. Santosh Dhargalkar L.D.Samant memo.high schoo

*A*