OBSERVATIONAL QUESTIONS

Naked Eye

1. In the blank square given in the answer sheet, you should assume that Nova Sagittarii 2 is in the center. (marked by green star)
   RA(J2000) : 18h 36m 56.84s
   Dec(J2000) : -28° 55' 39.8"
   Draw Declination and Right Ascension lines passing through Nova Sagittarii. Also draw parallel gridlines at convenient interval and label the accordingly. (The field of view is 45°) (10 points)
2. Mark with filled circle, the five brightest stars in the field of view on the answer sheet along with their names. You can add several other stars for your orientation. (25 points)
3. Draw an unfilled circle representing the Moon's position tomorrow night (on 29 July 2015). (10 points)
4. Mark the position of any five Messier Objects in the field of view by cross (x), and write down their names beside their marks. (25 points)
5. Draw a line representing the galactic plane. (10 points)
6. Mark the positions of Nunki (σ Sgr) and Shaula (λ Sco) by star (*). Draw a line connecting the two stars. Estimate the angular distance between these stars and write it on the line connecting both stars. (20 points)

Naked Eye Observational Round Answer Sheet

Student ID :

Chart

