

HomeWork #1

Name: Leslie Looney (Preview)

Number of Questions: 10

Finish Help

Question 1: (10 points)

Coming to class is important because:

- ☐ 1. Leslie will impart knowledge to the class.
- ☐ 2. Class participation in the form of questions will count as 5% of the class grade.
- ☐ 3. It can be helpful to hear the explanations of the material.
- ☒ 4. All of the above.

Save answer

Question 2: (10 points)

Solar Observing will occur at the

- ☐ 1. Biggest dorms
- ☐ 2. At the Planetarium
- ☒ 3. At the Campus Observatory
- ☐ 4. At the Astronomy Department

Save answer

Question 3: (10 points)

The main objective of this course is:

- ☐ 1. To get the highest grade so I can finally get into Law School.
- ☒ 2. Understand the big picture of the Universe
- ☐ 3. Score some dates
- ☐ 4. To enjoy the air conditioned classroom

Save answer

Question 4: (10 points)

If I have a question I should

- ☒ 1. Come to Leslie's Office hours at MTF 10:30 to 11:30 or make an appointment
- ☐ 2. Wait until midnight before the exam and email Leslie
- ☐ 3. Give up and cry
- ☐ 4. Go have a burger

Save answer

Question 5: (10 points)

The Nighttime observing of Astro 100 is performed where?

- ☐ 1. At the Parkland College Planetarium.
- ☐ 2. In the BackYard.
- ☒ 3. At the Campus Observatory.
- ☐ 4. On Mauna Kai on the Big Island of Hawaii.

Save answer

Question 6: (10 points)

1 arc second is equal to

- ☒ 1. 1/3,600 degree.
- ☐ 2. 1/60 degree.
- ☐ 3. 1/360 of a full circle.
- ☐ 4. 1/60 of a full circle.

Save answer

Question 7: (10 points)

The length of the Earth's year at the present time

- ☐ 1. is exactly 365 days.

- ☐ 2. varies between 365 and 366 days over a period of about 400 years.
- ☐ 3. is exactly $365\frac{1}{4}$ days.
- ☒ 4. is approximately $365\frac{1}{4}$ days.

Save answer

Question 8: (10 points)

Over the duration of a given night, some stars will be observed to pass through (from one side to the other of)

- ☐ 1. the zodiac.
- ☐ 2. the celestial equator.
- ☒ 3. the zenith.
- ☐ 4. the vernal equinox.

Save answer

Question 9: (10 points)

The constellation whose stars are used as pointers to the north celestial pole in the northern hemisphere at this time in history is

- ☐ 1. Ursa Minor, the Little Bear, containing the bright star, Polaris.
- ☐ 2. Leo, the lion, containing the bright star, Regulus.
- ☐ 3. Bootes, the shepherd, containing the bright star, Arcturus.
- ☒ 4. Ursa Major, the Big Dipper.

Save answer

Question 10: (10 points)

The most readily observed east-to-west motion of objects in the night sky is caused by

- ☐ 1. the relative motions of stars with respect to each other in the sky.
- ☒ 2. the rotation of the Earth on its axis.
- ☐ 3. the rotation of the whole universe around a fixed Earth.
- ☐ 4. the revolution of the Earth in its orbit around the Sun.

Save answer

Finish

Help