

Name:

Astronomy 2010: Example First Section of Final
Chapters 23-28+Update
Real Final date 4 May 1999
Each question is worth 2 points.

1. State the Equivalence Principle of General Relativity.
2. What is the Event Horizon?
3. How do we detect the presence of a black hole?
4. Who first realized that the Milky Way was a bunch of very feint stars?
5. How big across is the Milky Way?
6. Describe what Population I and Population II stars are.

21. What determines if the universe will end in the Big Crunch or the the Big Chill?

22. What do we think were the first things to break free from the Big Bang?

23. How long after the Big Bang do we think nuclei formed?

24. How long after the Big Bang do we think the universe became transparent to EM radiation?

25. What were the important observations of the COBE satellite?