**Year 10 Science – Test 1 Revision Sheet**

1. What is the big bang theory?
2. Briefly describe the evidence that supports the Big Bang Theory.
3. Explain the process that produces the tremendous amount of heat and light generated by the Sun.
4. Place the letters next to the correct terms in the life cycle of a low mass star.

LOW MASS STAR

Machine generated alternative text:
.0—o
D E
A
1. Reo giant 6. ‘n stage the Sun’S ifl
_2. Where fusion begins 6. White dwarf
3. Nebula 7. Planetary Nebula
4. Black dwarf

1. Place the letters next to the correct terms in the life cycle of a high mass star.

HIGH MASS STAR

Machine generated alternative text:
1. Black Hole
2. Supenìovo
3. Protostor
4. Gravity couses this to condense
into a protostar
5. Main sequence star
_6. When o star begins to run out 01
fuel and grows larger
_7. Neutron stor
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G

1. Explain how our solar system was formed.
2. How does the Sun affect our skin?
3. What can we do to reduce the damage from the Sun?
4. What is the ozone layer and why is it important to life on Earth?