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| **10 LET THERE BE LIGHT 1 - ANSWERS** | | | |
| **Questions** | |  | **Answers** |
| 1. | Oil lamps have been found in the Lascaux caves. When were the paintings created? a) 7000 years ago b) 12000 years ago c) 17000 years ago |  | C. 17,000 years ago |
| 2. | What was the name of the part of a gas light which gave off the light when heated by the flame? |  | The Mantle |
| 3. | When an oxyhydrogen flame is directed at a cylinder of calcium oxide, what is produced? |  | Limelight |
| 4. | Which British inventor installed the electric lighting in D'Oyley Carte's Savoy Theatre in 1881? |  | Joseph Swan |
| 5. | What metal was used to make the filament in old-fashioned incandescent lamps? |  | Tungsten |
| 6. | Many street lamps give out yellow light. What element gives this colour? |  | Sodium |
| 7. | When describing the base of a lamp, what do the letters ES stand for? |  | Edison Screw |
| 8. | What gas was first used by the advertising industry to create colourful illuminated signs? |  | Neon |
| 9. | The early low-energy light bulbs were CFL. What do these letters mean? |  | Compact Fluorescent Lamp |
| 10. | Where is the least light-polluted spot in England? |  | East Kielder Moors in the Northumberland National Park. |