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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Dental Assistant

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| **Across**  **2.** What is the negative elctron in the xray tube  **4.** The science or study of of radiation as used in medicine  **9.** Effects of radiation that cause illness and are resposible for poor health  **10.** The concept of radiation protection that all exposures be kept as low as reasonably possible  **14.** An electrically charged particle  **16.** A negatively charged particle in the atom  **17.** The positive electrode in the xray tube  **19.** The ability to work  **20.** Digitally produced recordings of anatomic structures  **21.** This is what it is called when it is trasparent to xrays  **22.** Process by which electrons are removed from atoms | **Down**  **1.** Time between exposure to ionizing radiation and appearance of symptoms  **3.** The process of recording images of the teeth  **5.** One one thousandth of an ampere  **6.** Anything that occupies space  **7.** The highest voltage on an xray tube used during exposure  **8.** Tooth enamel, dense areas of bone and metal restorations are examples of  **11.** The blurred area that surrounds an image  **12.** Effects of radiation that are passed on to future generations through cells  **13.** A tiny bundle of pure energy that has no weight or mass  **15.** The difference in the degree of blacknes of an image  **18.** The overall darkness of an image |