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Chapter 22 Life in the Industrial Age

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| **Across****2.** discovered the connection between magnitism and electricity **4.** in 1908 he announce, "I will build a motor car for the great multitude." He did it. Using mass-production methods in modern factories, this man built a line of affordable cars called the Model T.**8.** credidted with inventing the telegraph in 1837**10.** a persons name that starts with a P that helped discover polonium and radium**18.** developed the special theory of relativity; was a now famous for the formula E=mc2**19.** an artistic and literary movement at the beginning of the 1800s which rejected the rationalism of the Enlightenment in favor of emotion, intuition, and imagination**21.** a brother with a name that starts with an o that succeeded in flying a powered airplane in sustained flight**22.** a machine that sent messages instantly over wires**23.** expressed the definition of poetry as "the spontaneous overflow of powerful feelings from emotions recollected in transquility"**24.** involved forcing air through molten metal to burn out carbon and other impurities that make metal brittle | **Down****1.** a drug that reduces pain and in large doses makes the patient unconscious**3.** celebrated human freedom in his work**5.** used the discoveries to build a wireless telegraph, or radio **6.** tried to create a way to send multiple telegraph messages at a time**7.** showed the link between microbes and disease**9.** by heating liquids and foods to high temperatures, this killed the the bacteria and prevented fermentation **11.** a processes in which certain elements constantly break down and release energy **12.** argued that an unconscious part of the mind contains thoughts of which one is unaware**13.** studied variations amoung plants and animals**14.** the growth in the proportion of people living in towns and cities **15.** a brother with a name that starts with a w that succeeded in flying a powered airplane in sustained flight**16.** a person with a name that starts with a M that helped discover polonium and radium**17.** used dogs as research subjects to prove that animals could br conditioned, ot taught, to have certain reflex actions**20.** developed the first usable and practible lightbulb  |