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Ch. 12 &13 Test Review

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|  |  |  |  | 1  E | L | I | W | H | I | T | N | E | Y |  | 2  T |  | 3  S | A | M | U | E | L | F | B | M | O | R | S | E |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 4  F | R | A | N | C | I | S | C | A | B | O | T | L | O | W | E | L | L |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | N |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 5  S | A | M | U | E | L | S | L | A | T | E | R |  | 6  S |  |  |  |  |  |  |  |
| 7  I |  |  |  |  |  |  |  |  |  |  |  |  |  |  | P |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
| 8  N | O | R | T | H | E | A | S | T |  |  | 9  G | I | B | B | O | N | S | V | O | G | D | E | N |  |  |  |  |  |  |
| D |  |  |  |  |  |  |  |  |  |  |  |  |  |  | R |  |  |  |  |  |  | E |  |  |  |  |  | 10  R |  |
| U |  |  |  |  |  | 11  L | O | W | E | L | L | S | Y | S | T | E | M |  |  |  |  | L |  |  |  |  |  | I |  |
| S |  |  |  |  |  |  |  |  |  |  |  |  |  |  | A |  |  |  |  |  |  |  |  |  |  |  |  | C |  |
| T |  |  | 12  T |  |  |  |  |  |  |  |  |  |  |  | T |  |  | 13  I |  | 14  R |  |  |  |  |  | 15  M |  | H |  |
| R |  |  | E |  | 16  G | R | E | A | T | B | R | I | T | A | I | N |  | S |  | A |  |  |  |  |  | A |  | A |  |
| I |  |  | C |  |  |  |  |  |  |  |  |  |  |  | O |  |  | S |  | I |  |  |  |  |  | S |  | R |  |
| A |  |  | H |  |  |  | 17  I | N | T | E | R | 18  C | H | A | N | G | E | A | B | L | E | P | A | 19  R | T | S |  | D |  |
| L |  |  | N |  |  |  |  |  |  |  |  | L |  |  | R |  |  | C |  | R |  |  |  | H |  | P |  | A |  |
| R |  | 20  C | O | A | L |  |  | 21  A | L | F | R | E | D | L | E | W | I | S | V | A | I | L |  | O |  | R |  | R |  |
| E |  |  | L |  |  | 22  G |  |  |  |  |  | R |  |  | V |  |  | I |  | O |  |  |  | D |  | O |  | K |  |
| V |  |  | O |  |  | O |  |  |  | 23  J |  | M |  |  | O |  |  | N |  | D |  | 24  M |  | E |  | D |  | W |  |
| O |  |  | G |  |  | V |  |  |  | O |  | O |  |  | L |  |  | G |  |  |  | I |  | I |  | U |  | R |  |
| L |  |  | Y |  |  | E |  |  |  | H |  | N |  |  | U |  | 25  T | E | X | T | I | L | E | S |  | C |  | I |  |
| U |  |  |  |  |  | R |  |  |  | N |  | T |  |  | T |  |  | R |  |  |  | L |  | L |  | T |  | G |  |
| T |  |  |  |  |  | N |  |  |  | D |  |  |  |  | I |  |  |  |  |  |  | S |  | A |  | I |  | H |  |
| I |  |  |  |  |  | M |  |  | 26  P | E | T | E | R | C | O | O | P | E | R |  |  |  |  | N |  | O |  | T |  |
| O |  |  |  |  |  | E |  |  |  | E |  |  |  |  | N |  |  |  |  |  |  |  |  | D |  | N |  |  |  |
| N |  |  |  |  |  | N |  |  |  | R |  |  |  |  |  |  |  |  |  |  |  |  |  | S |  |  |  |  |  |
|  |  |  |  |  | 27  S | T | R | I | K | E | S |  | 28  S | A | R | A | H | G | B | A | G | L | E | Y |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | S |  |  |  |  |  |
| 29  W | A | R | O | F | 1 | 8 | 1 | 2 |  | 30  T | R | A | D | E | U | N | I | O | N | S |  |  |  | T |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | E |  |  |  |  |  |
|  | 31  R | O | B | E | R | T | F | U | L | T | O | N |  | 32  C | Y | R | U | S | M | C | C | O | R | M | I | C | K |  |  |

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| **Across**  **1.**  first used interchangeable parts  **3.** perfected the first telegraph  **4.** New England business man whose mills did multiple steps  **5.** British mechanic who built the new textile machines in the U.S.  **8.** area in the U.S. where most textile mills where located  **9.** supreme court case regarding interstate commerce and reinforcing federal  **11.** hiring young, unmarried woman from far,s to work in textile mills  **16.** where did the Industrial Revolution first began in this country  **17.**  pieces of products that are exactly the same  **20.** replaced wood as the main source of power for loco motives  **21.** developed the Morse code  **25.**  cloth items  **26.** he built a small locomotive called the tom thumb  **27.** protests of work refusals staged by union members to meet their demands  **28.** founder of the Lowell Female Labor Reform Association  **29.** event that led American manufacturing to be less dependent on foreign goods  **30.** groups that tried to improve pay and working conditions for their members  **31.** he invented the steamboat  **32.** developed the mechanical reaper | **Down**  **2.** period of rapid growth in speed and convenience or travel  **6.** used to make railroads  **7.** period of rapid growth in the use of machines in manufacturing  **10.**  invented the water frame  **12.**  tools used to do work or produce items  **13.** improved and marketed the sewing machine  **14.** industry with some of the most powerful businesses in the U.S.  **15.** productions of large numbers of identical goods  **18.** name of the first U.S. steamboat built by Robert Fulton  **19.** Samuel Slater's strategy of hiring families to divided factory work  **22.** power over the states  **23.** designed the steel plow  **24.** built along streams to use water for power |