## Industrial\_Revolution version D

1. A major change in the metal industries during the era of the Industrial Revolution was the replacement of wood and other bio-fuels with coal. Compared to wood, coal required

|  |  |
| --- | --- |
|  | a) about the same labour to mine, but was more abundant than wood. |
|  | b) less labour to mine and was also more abundant. |
|  | c) less labour to mine, but was less abundant (until the Rineland coal fields were discovered). |

2. What impact did the industrial revolution have on living standards of ordinary people, *according to Wikipedia?*

|  |  |
| --- | --- |
|  | a) the question is a subject of controversy |
|  | b) little or no growth until much later (19th and 20th centuries) |
|  | c) sustained growth, for the first time in history |
|  | d) little or no growth in the first half, but enormous growth in the second half of the industrial revolution. |

3. According to Wikipedia, the first large machine tool was used to

|  |  |
| --- | --- |
|  | a) shape plates for ship hulls |
|  | b) bore cylinders for steam engines steam engines. |
|  | c) plane rails for railroads |
|  | d) drill coal mines |

4. Manchester acquired the nickname \_\_\_\_\_\_\_\_\_\_ during the early 19th century owing to its sprawl of \_\_\_\_\_\_

|  |  |
| --- | --- |
|  | a) Cokopolis, coke processing plants |
|  | b) Coalopolis, coal mines |
|  | c) Weavopolis, Weaving factories |
|  | d) Cottonopolis, textile factories |

5. For most of the period of the Industrial Revolution, the majority of industrial power was supplied by

|  |  |
| --- | --- |
|  | a) water and steam. |
|  | b) water and wind. |
|  | c) steam and wind. |

6. Early uses for sulphuric acid included

|  |  |
| --- | --- |
|  | a) producing dyes and making cement |
|  | b) removing rust and making cement |
|  | c) making cement and bleaching cloth |
|  | d) producing dyes and bleaching cloth |
|  | e) removing rust and bleaching cloth |

7. The purpose of Eli Whitney's cotton gin was to

|  |  |
| --- | --- |
|  | a) spin cotton |
|  | b) weave cotton |
|  | c) pick cotton |
|  | d) clean cotton |
|  | e) remove seeds |

8. During the Industrial Revolution, the best Chemists were trained in

|  |  |
| --- | --- |
|  | a) Germany |
|  | b) Italy |
|  | c) United States |
|  | d) Sweden |
|  | e) Great Britain |

9. Cartwright built two textile factories. One of them

|  |  |
| --- | --- |
|  | a) two of these are true |
|  | b) was transported to Germany |
|  | c) was sabotaged by workers |
|  | d) is still in use today |
|  | e) burned down |

10. The dominant industry of the Industrial Revolution in terms of employment, output and invested capital was

|  |  |
| --- | --- |
|  | a) railroads |
|  | b) military spending |
|  | c) ship building |
|  | d) textiles |
|  | e) farm equipment |

11. Which is NOT one of the three areas of development that helped initiate the industrial revolution?

|  |  |
| --- | --- |
|  | a) assembly lines |
|  | b) textiles |
|  | c) iron making |
|  | d) steam power |

12. The Industrial Revolution began shortly before

|  |  |
| --- | --- |
|  | a) the American revolution (1776) |
|  | b) World War I (1914) |
|  | c) the American civil war (1861) |

13. The industrial revolution began in

|  |  |
| --- | --- |
|  | a) simultaneously in Europe and the United States |
|  | b) Germany |
|  | c) United States |
|  | d) Great Britain |
|  | e) simultaneously in a variety of European nations |

14. The *Miner's Friend*

|  |  |
| --- | --- |
|  | a) transported miners |
|  | b) was electrical lighting |
|  | c) pumped water |
|  | d) provided ventilation |

15. Puddling involved

|  |  |
| --- | --- |
|  | a) stirring with a long rod and was never successfully mechanised. |
|  | b) the use of coke instead of coal greatly reduced the cost of producing pig iron |
|  | c) stirring with a long rod and became much cheaper when steam engines replaced manual stirring |
|  | d) the use of coke instead of coal and led to much strong iron |

16. The Calico Acts were initially designed to protect

|  |  |
| --- | --- |
|  | a) large manufacturers |
|  | b) domestic cotton production |
|  | c) small manufacturers |
|  | d) the woollen industry |

17. On the eve of the Industrial Revolution, when the textile industry was largely a cottage industry, men did the \_\_\_\_\_\_ and women did the \_\_\_\_\_\_\_. If a loom was used, the work done by the men required \_\_\_\_\_\_ person hours.

|  |  |
| --- | --- |
|  | a) weaving, spinning, more |
|  | b) spinning, weaving, more |
|  | c) spinning, weaving, fewer |
|  | d) weaving, spinning, fewer |

18. Henry Cort developed rolling, which is 15 times \_\_\_\_\_ than \_\_\_\_\_\_

|  |  |
| --- | --- |
|  | a) cheaper, puddling |
|  | b) faster, puddling |
|  | c) faster, hammering |
|  | d) cheaper, hammering |

19. On the eve of the Industrial Revolution, when the textile industry was largely a cottage industry, women did the \_\_\_\_\_\_ and men did the \_\_\_\_\_\_\_. If a loom was used, the work done by the women required \_\_\_\_\_\_ person hours.

|  |  |
| --- | --- |
|  | a) spinning, weaving, fewer |
|  | b) spinning, weaving, more |
|  | c) weaving, spinning, more |
|  | d) weaving, spinning, fewer |

20. During the Industrial Revolution, the cost of producing sulfuric acid greatly improved by

|  |  |
| --- | --- |
|  | a) replacing lead containers with glass containers |
|  | b) replacing glass containers with iron containers |
|  | c) replacing iron containers with glass containers |
|  | d) replacing glass containers with lead containers |

21. The Industrial Revolution lasted just under \_\_\_\_\_ years

|  |  |
| --- | --- |
|  | a) 600 |
|  | b) 50 |
|  | c) 200 |
|  | d) 1000 |
|  | e) 400 |