

Industrial_Revolution version B

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

2. The Industrial Revolution lasted just under _____ years

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

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

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

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

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

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

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

6. The dominant industry of the Industrial Revolution in terms of employment, output and invested capital was
- a) farm equipment
 - b) ship building
 - c) railroads
 - d) textiles
 - e) military spending
7. Early uses for sulphuric acid included
- a) making cement and bleaching cloth
 - b) removing rust and bleaching cloth
 - c) producing dyes and bleaching cloth
 - d) producing dyes and making cement
 - e) removing rust and making cement
8. Puddling involved
- a) stirring with a long rod and became much cheaper when steam engines replaced manual stirring
 - b) the use of coke instead of coal greatly reduced the cost of producing pig iron
 - c) the use of coke instead of coal and led to much strong iron
 - d) stirring with a long rod and was never successfully mechanised.
9. Cartwright built two textile factories. One of them
- a) was transported to Germany
 - b) was sabotaged by workers
 - c) is still in use today
 - d) burned down
 - e) two of these are true
10. The industrial revolution began in
- a) Great Britain
 - b) simultaneously in Europe and the United States
 - c) simultaneously in a variety of European nations
 - d) Germany
 - e) United States
11. For most of the period of the Industrial Revolution, the majority of industrial power was supplied by
- a) water and wind.
 - b) steam and wind.
 - c) water and steam.

12. Henry Cort developed rolling, which is 15 times _____ than _____

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

13. 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) spinning, weaving, more
- b) weaving, spinning, fewer
- c) spinning, weaving, fewer
- d) weaving, spinning, more

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

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

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- c) spinning, weaving, more
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16. The Calico Acts were initially designed to protect

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

17. The Industrial Revolution began shortly before

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

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

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

19. The *Miner's Friend*

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

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

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

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

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