

How things work college course/Computer quiz/Testbank/mirror

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ComputerWikipedia

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This document contains either a study guide OR pairs of exams taken from the same exam bank

If two exams have the same s-number, then v1 and v2 have the same questions, presented in different (random) order.

Exams with different s-numbers have different questions and may not have the same difficulty.

Click items in the table of contents and appropriate page should be reached. This feature should allow you to print only those pages that you need.

At the end of this document

Attribution for the quizzes identifies where the questions were obtained

Study guide links reading materials and/or relevant equations.

ComputerWikipedia-v1s1

1. The Turing machine could not have been invented until after the halting problem was solved.

a) true

b) false

2. The chronological order by which electronic computers advanced is:

a) tubes, integrated circuits and then transistors

b) tubes, transistors, and then integrated circuits

c) transistors, integrated circuits, and then tubes

d) integrated circuits, tubes, and then transistors

3. Babbage's account of the origin of the difference engine in the 1820s was that he was working to satisfy the Astronomical Society's desire to predict lunar eclipses

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5. The Turing machine permitted a solution to the halting problem

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9. The first English-language usage of the word "computer" referred to

- a) Roman numerals
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- a) control a textile mill
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11. The Turing machine was a(n) _____ device

- a) prototype
- b) digital
- c) analog
- d) conceptual
- e) electromechanical

12. The Bombe was a(n) _____ device used (circa 1940) to defeat the Enigma machine in World War II.}

- a) Turing-complete
- b) electric digital programmable
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13. Babbage's use of punch cards in the 1930s to solve a problem posed by the Astronomical Society was later adopted to the Jacquard loom.

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14. Babbage's account of the origin of the difference engine in the 1820s was that he was working to satisfy the Astronomical Society's desire to improve The Nautical Almanac.

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15. This algorithm halts if it starts at 0:

- * Add 3
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16. The Colossus, used to defeat the German Enigma machine during World War II in 1944, was

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How_things_work_college_course/Computer_quiz

Study guide

Wikipedia:Computer

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