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Grade	15.00 out of 16.50 (90.91%)

Question 1

Correct

Mark 1.50 out of 1.50

What is, in Turing's opinion, the storage capacity sufficient to show good results in the imitation game?

Select one or more:

- ☒ a. Smaller, than the estimated human brain capacity ✓
- ☐ b. Similar to the average estimate of the human brain capacity
- ☒ c. Similar to the capacity of Encyclopedia Britannica ✓
- ☐ d. Larger than the estimate of the human brain capacity
- ☐ e. Significantly larger than the capacity of Encyclopedia Britannica

The correct answers are:

Similar to the capacity of Encyclopedia Britannica,

Smaller, than the estimated human brain capacity

Question 2

Partially correct

Mark 1.20 out of 1.50

The Mathematical Objection by Turing has to do with Gödel's theorem because:

Select one or more:

- ☒ a. The limitation of computing machines apply to the human intellect ✗
- ☐ b. The Gödel's theorem describes limitations of Finite State Automata
- ☐ c. Turing and Gödel worked together
- ☒ d. The Gödel's theorem can be used to show that there are limitations to the powers of discrete-state machines ✓

The correct answer is:

The Gödel's theorem can be used to show that there are limitations to the powers of discrete-state machines

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Question 3

Complete

Not graded

Are you a human?

Select one:

- ☒ True
- ☐ False

The correct answer is 'True'.

Question 4

Partially correct

Mark 1.20 out of 1.50

What is the process suggested by Turing for enabling the computers to play the imitation game well?

Select one or more:

- ☒ a. To simulate a child's mind and train ✓
- ☐ b. To simulate emotions
- ☒ c. To play the imitation game a large amount of times ✗
- ☐ d. To simulate an adult's mind

The correct answer is:

To simulate a child's mind and train

Question 5

Correct

Mark 1.50 out of 1.50

According to Turing a digital computer can usually be regarded as consisting of three parts:

- ☐ a. Disk, Operating system, Control
- ☒ b. Store, Executive unit, Control ✓
- ☐ c. Store, Processor, Control
- ☐ d. Memory, Processor, Bus

The correct answer is:

Store, Executive unit, Control

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Question 6

Correct

Mark 1.50 out of 1.50

Which ideas are stated by Turing in the article?

Select one or more:

- ☒ a. A machine can learn ✓
- ☐ b. A machine can only do whatever we know how to order it to perform
- ☒ c. By the year of 2000 a machine might be able to win the imitation game ✓
- ☐ d. A machine is not able to compete with a person with extra-sensory abilities

The correct answers are:

A machine can learn,

By the year of 2000 a machine might be able to win the imitation game

Question 7

Correct

Mark 1.50 out of 1.50

Which of the following are objection(s) presented by Turing in the Article?

Select one or more:

- ☐ a. The Thermodynamic objection
- ☒ b. The Theological objection ✓
- ☒ c. The Mathematical objection ✓
- ☐ d. The Finite Memory objection

The correct answers are:

The Theological objection,

The Mathematical objection

Question 8

Correct

Mark 1.50 out of 1.50

According to Turing, initial state of the mind and education to which it has been subjected could be responsible for the evolution of the adult human mind

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question 9

Partially correct

Mark 0.90 out of 1.50

Turing stated the following about a digital computer:

Select one or more:

- ☒ a. It consists of a Control Unit which carries out all the operations efficiently ✖
- ☒ b. It has a store of information, and corresponds to the human computer's paper ✔
- ☒ c. There is an Executive Unit which ensures that instructions are performed in accordance with the rules and in the correct order ✖
- ☒ d. The information in the store is usually broken up into packets of moderately small size ✔

The correct answers are:

It has a store of information, and corresponds to the human computer's paper,

The information in the store is usually broken up into packets of moderately small size

Question 10

Correct

Mark 1.50 out of 1.50

What is the Imitation Game

Select one or more:

- ☒ a. A game played with three parties, a computer, a woman, and an interrogator ✔
- ☐ b. A game played with three parties, a computer, a Turing Machine, and an interrogator
- ☐ c. A game played with three parties, a man, a woman, and a computer
- ☐ d. A game played with three parties, a man, a woman, and a Turing Machine

The correct answer is:

A game played with three parties, a computer, a woman, and an interrogator

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Question 11

Partially correct

Mark 1.20 out of 1.50

Turing stated that:

Select one or more:

- ☐ a. A computer will never be able to regularly win the imitation game
- ☒ b. Eventually, there will be no difference between a machine and a human ✖
- ☒ c. Eventually, there will be computers that regularly win the imitation game ✔
- ☐ d. At best, computers will be able to win the imitation game half the time

The correct answer is:

Eventually, there will be computers that regularly win the imitation game

Question 12

Correct

Mark 1.50 out of 1.50

When the imitation game was suggested?

Select one:

- ☐ a. 1936
- ☐ b. 1960
- ☒ c. 1950 ✔
- ☐ d. 1943

The correct answer is:

1950

