

# Artificial Intelligence

Dashboard / My courses / ECS302\_7 / UNIT-V UNCERTAIN KNOWLEDGE & LEARNING / AI MODULE V TEST

## Question 11

Not yet answered

Marked out of 2.00

Flag question

How many entries are in the full joint distribution table for four Boolean variables?

- ☐ a. 32
- ☐ b. 16
- ☐ c. 8
- ☐ d. 4

## Question 12

Not yet answered

Marked out of 2.00

Flag question

In the conditional probability  $P(a|b)$ , if  $b$  is independent of  $a$ , then  $P(a|b)$  is equivalent to:

- ☐ a. 1
- ☐ b.  $P(b)$
- ☒ c.  $P(a)$
- ☐ d. 0

Clear my choice

## Question 13

Not yet answered

Marked out of 2.00

Flag question

Learning discrete-valued function is called \_\_\_\_\_ whereas continuous-valued functions are called \_\_\_\_\_.

- ☒ a. Classification, regression
- ☐ b. Discretization, regression
- ☐ c. Classification, discretization
- ☐ d. Regression, classification

Clear my choice

## Question 14

Not yet answered

Marked out of 2.00

Flag question

Interpret the meaning: " $P(\text{cavity} | \text{toothache}) = 0.7$ "

- ☒ a. Given toothache the probability of having a cavity is 0.7
- ☐ b. Given cavity the probability of having a toothache is 0.7
- ☐ c. Probability of a patient with both cavity and toothache is 0.7
- ☐ d. Wrong representation

Clear my choice

## Question 15

Not yet answered

Marked out of 2.00

Flag question

Probability provides a way of summarizing the uncertainty that comes from our \_\_\_\_\_.

- ☒ a. laziness and ignorance
- ☐ b. Propositional theory and ignorance
- ☐ c. laziness and degree of belief
- ☐ d. Degree of belief and propositional theory

Clear my choice

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## 2 MARKS MCQs

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## Descriptive Questions-2Marks

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Finish attempt ...

Time left **0:37:10**

UNIT-V PART-2

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