Unit 2 - Week 0

Course outline

How does an NPTEL online course work?

Week 0

- Quiz : Assignment 0

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Assignment 0

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-01-27, 23:59 IST.

Note : This assignment is for practice and it will not be graded.

1) Lottery tokens are numbered from 1 to 25. What is the probability that a token drawn is multiple of 5 or 7? *1 point*

- 12/25
- 14/25
- 8/25
- 17/25

No, the answer is incorrect.
Score: 0
Accepted Answers:
8/25

2) Which of the following event(s) is/are mutually exclusive? *1 point*

- Drawing a card from a deck and getting a king or queen
- Tossing a coin once and getting a head or a tail
- Rolling a die and getting 5 or 6
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of the above

3) In a non-leap year what is the probability of getting 53 Saturdays? *1 point*

- 1/7
- 52/208
- 53/365
- 6/7

No, the answer is incorrect.
Score: 0
Accepted Answers:
1/7

4) Which of the following value does not represent the probability of an event? *1 point*

- 0.1
- -0.2
- 0.5
- 1

No, the answer is incorrect.
Score: 0
Accepted Answers:
-0.2

5) From the expression, **X= a+bc,** '**a**' is called --- *1 point*

- Operator
- Special character
- Value
- Operand

No, the answer is incorrect.
Score: 0
Accepted Answers:
Operand

6) Which of the following control statement is used to terminate the loop? *1 point*

- next
- switch
- break
- with

No, the answer is incorrect.
Score: 0
Accepted Answers:
break

7) In general, which is not a valid data type? *1 point*

- Numeric
- Alpha numeric
- Character
- Integer

No, the answer is incorrect.
Score: 0
Accepted Answers:
Alpha numeric

8) Total number of ASCII characters used for programming are:- *1 point*

- 256
- 127
- 128
- 150

No, the answer is incorrect.
Score: 0
Accepted Answers:
256

9) Consider the code below and identify the datatype of the variable '**X**' *1 point*
X = "cust-45963"

- complex
- string
- integer
- boolean

No, the answer is incorrect.
Score: 0
Accepted Answers:
string

10) According to the BODMAS rule, which of the following will be given the highest precedence? *1 point*

- exponential (^^)
- addition (+)
- parentheses ()
- multiplication (*)

No, the answer is incorrect.
Score: 0
Accepted Answers:
parentheses ()

11) Which of the following variable(s) is/are character data type? *1 point*

- X="1"
- X= "Hello"
- X= "3"
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of the above

12) Which of the following is not a numeric datatype? *1 point*

- integer
- float
- double
- boolean

No, the answer is incorrect.
Score: 0
Accepted Answers:
boolean

13) Consider two matrices **M1** & **M2**, the product of **M1** and **M2** is an identity matrix. Which of the following statement is correct? *1 point*

- M2 is equal to transpose of M1
- M2 is equal to square of M1
- M2 is equal to inverse of M1
- M2 is an identity matrix

No, the answer is incorrect.
Score: 0
Accepted Answers:
M2 is equal to inverse of M1

14) Consider the if-elseif-else statement. Between the if and the else statement, how many blocks of 'elseif' statements are possible? *1 point*

- 4
- 3
- 2
- Multiple

No, the answer is incorrect.
Score: 0
Accepted Answers:
Multiple

15) What does the extension "*.csv*" mean? *1 point*

- command separated value
- comma separated value
- comma separated variable
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
comma separated value

16) Which of the following operator is a relational operator? *1 point*

- AND (&)
- Not (!)
- Greater than (>)
- OR (|)

No, the answer is incorrect.
Score: 0
Accepted Answers:
Greater than (>)

17) Which of the following statement(s) is /are **True**? *1 point*

(I) Functions take multiple inputs
(II) Functions can return only one output

- I-True, II-False
- I-False, II-True
- I-True, II-True
- I-False, II-False

No, the answer is incorrect.
Score: 0
Accepted Answers:
I-True, II-False

18) Which of the following operators return a boolean output? *1 point*

- AND
- NOR
- NOT
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of the above

19) Which of the following symbol can convert any values to string? *1 point*

- ( )
- " "
- { }
- #

No, the answer is incorrect.
Score: 0
Accepted Answers:
" "

20) Output for the bitwise operation **3&5** is: - *1 point*

- 3
- 1
- 5
- 7

No, the answer is incorrect.
Score: 0
Accepted Answers:
1