Unit 11 - Week 9: Cool Ideas(Part 7)

Assignment 9

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

Due on 2019-04-03, 23:59 IST.

1) What should be the output of the following program? ***1 point***

```
import network as nx
G=nx.Graph()
for i in range(3):
      G.add_node(i)
G.add_edge(1,2)
G.add_edge(2,3)
G.add_edge(1,3)
nx.draw()
```

- A triangle graph
- A graph with 3 edges and an isolated node
- A graph with 3 edges and no isolated node
- Error

No, the answer is incorrect.
Score: 0

Accepted Answers:
Error

2) In network, in order to draw Erdos Renyi graph there is a function 'gnp_random_graph(n,p)'. What are n and p here? ***1 point***

- n is the number of edges and p is the probability of edge creation.
- n is the number of nodes and p is the probability of edge creation.
- n is the number of edges and p is the probability of node creation.
- n is the number of nodes and p is the probability of node creation.

No, the answer is incorrect.
Score: 0

Accepted Answers:
n is the number of nodes and p is the probability of edge creation.

3) What does the function G.nodes() in networkx return? ***1 point***

- It returns the number of nodes present in the graph G.
- It returns the list of nodes present in the graph G.
- It returns the tuple of nodes present in the graph G.
- It returns the number of edges present in the graph G.

No, the answer is incorrect.
Score: 0

Accepted Answers:
It returns the list of nodes present in the graph G.

4) What does the function scipy.misc.read() return? ***0 points***

- Image in the form of pixels
- A matrix of RGB values
- Image as Numpy array
- All of the above.

No, the answer is incorrect.
Score: 0

Accepted Answers:
Image as Numpy array

5) What is Stylometry? ***1 point***

- Stylometry is qualitative study of literary style.
- Stylometry is quantitative study of literary style.
- Both
- None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Stylometry is quantitative study of literary style.

6) Which of the following statements is correct about tokenisation in Python? ***1 point***

- Tokenisation involves splitting words from the text.
- Tokenisation involves splitting sentences from the text.
- Both
- None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Both

7) What is Project Gutenberg? ***1 point***

- It is a repository comprising of free images.
- It is a repository comprising of free music.
- It is a repository comprising of free ebooks.
- None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
It is a repository comprising of free ebooks.

8) Which of the following is a Graph visualisation software? ***1 point***

- Gephi
- Visual Graph
- Graph Plot
- None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Gephi

9) Is the Graph constructed by the following networkx program connected? ***1 point***

```
import networkx
G = networkx.Graph()
G.add_node(1)
G.add_node(2)
G.add_node(3)
G.add_node(4)
G.add_node(7)
G.add_node(9)
G.add_edge(1,2)
G.add_edge(3,1)
G.add_edge(2,4)
G.add_edge(4,1)
G.add_edge(9,1)
G.add_edge(1,7)
G.add_edge(2,9)
networkx.draw(G)
```

- Yes
- No

No, the answer is incorrect.
Score: 0

Accepted Answers:
Yes

Previous Page   End