Assignment 9

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

Due on 2019-10-02, 23:59 IST.

1) In networkx, 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

2) Which of the following is NOT a Graph visualisation software/tool? ***1 point***

- Gephi
- Cytoscape
- Networkx
- Eclipse

No, the answer is incorrect.
Score: 0

Accepted Answers:
Eclipse

3) What is the output of the following code snippet? ***1 point***

```
import networkx as nx
G=nx.Graph()
print(G.nodes())
```

- [A]
- [ ]
- None
- Null

No, the answer is incorrect.
Score: 0

Accepted Answers:
[ ]

4) What is the output of the following program? ***1 point***

```
import networkx as nx
G=nx.path_graph(4)
print(G.nodes())
```

- [0,1,2,3]
- [1,2,3,4]
- [A,B,C,D]
- None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
[0,1,2,3]

5) If the area of India is 10400 km^2 , calculate the area of Maharashtra. (If points are placed randomly in the map of India, then number of points in India(except Maharashtra) is 90 and number of points in Maharashtra is 23.) ***1 point***

- $2657.77m^2$
- $2657.77Km^2$
- $2500.33km^2$
- $2500.33m^2$

No, the answer is incorrect.
Score: 0

Accepted Answers:
$2657.77Km^2$

6) Sentence tokenisation is possible through NLTK in Python. ***1 point***

- Yes
- No

No, the answer is incorrect.
Score: 0

Accepted Answers:
Yes

7) Stylometry is based on the observation that authors tend to write in unique ways ***1 point***

- Yes
- No

No, the answer is incorrect.
Score: 0

Accepted Answers:
Yes

8) 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

9) What should be passed as an argument in the function given below? ***1 point***

```
G.add_nodes_from(*)
```

- Dictionary
- Set
- List
- All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the above