## Quiz #4

Total points 15

1.Question 1

Which OSI layer delivers digital bits into network media?

1 point

Data Link

Network

**Physical**

2.Question 2

In the OSI stack, reading from top (Layer 7) to bottom (Layer 1), which layer sits below the Application layer?

1 point

Session

**Presentation**

Transport.

3.Question 3

True or False. The Network layer incorporates Physical ( MAC ) addressing values into the packet header.

1 point

**False**

True

4.Question 4

True or False. The TCP/IP network model specifies 7 individual layers.

1 point

**False**

True

5.Question 5

Which OSI layer incorporates sequencing, error checking, acknowledgements and the three way handshake?

1 point

**Transport**

Presentation.

Session

6.Question 6

True or False. Frame captures and packet analysis will reveal information about OSI layer processes and protocols.

1 point

**False.**

True.

7.Question 7

True or False. TCP/IP is a proprietary networking implementation, and has vendor specific configuration requirements.

1 point

True.

**False.**

8.Question 8

True or False. The TCP/IP "Network Interface" layer is the matching equivalent of the OSI "Network" layer.

1 point

True

**False**

9.Question 9

Which layer of the OSI model does Project 802 divide into sublayers?

1 point

Transport

Session

Physical

**Data Link**

10.Question 10

Which of the following is the most significant core difference between routing protocols OSPF and RIP?

1 point

Voltage

Layer 2 functionality

**Route Cost**

11.Question 11

Select the tools that you could use to troubleshoot IPv4 and routing connectivity issues

1 point

**PING**

**TRACERT or TraceRoute**

SNMP - Simple Network Management Protocol

12.Question 12

True or False. Routing Information Protocol v2 - RIPv2 - is the most commonly employed routing protocol on the Internet.

1 point

**False**

True

13.Question 13

True or False. Both IPv4 and IPv6 are routable protocols.

1 point

False

**True.**

14.Question 14

Select the items below that are managed at the TCP/IP transport layer?

1 point

Encoding

**Flow Control**

**Acknowledgements**

15.Question 15

Which of the following is true about x?

1 point

**Performance values should be monitored from time to time to verify they are still valid and meeting baseline expectations.**

**Resetting or restarting a device could be a good practice when you are trying to accurately measure performance values and compare them against expected baselines.**

**Baseline values and performance expectations should be set to match vendor publications.**

I, **Rishikesh Shukla**, understand that submitting work that isn’t my own may result in permanent failure of this course or deactivation of my Coursera account.