**WEEK 6 MCQ QUESTION BANK**

1.EIGRP metric is \_\_\_\_\_\_\_\_  
a) **K-values**  
b) Bandwidth only  
c) Hop Count  
d) Delay only

2)  EIGRP can support \_\_\_\_\_\_\_\_\_\_\_\_  
a) VLSM/subnetting  
b) Auto summary  
c) Unequal cast load balancing  
d) **All of the mentioned**

**3.** The EIGRP metric values include:  
a) Delay  
b) Bandwidth  
c) MTU  
d) **All of the mentioned**

**4.** EIGRP uses the \_\_\_\_\_\_\_\_\_\_\_\_ algorithm for finding shortest path.  
a) SPF  
b**) DUAL**c) Linkstat  
d) Djikstra’s

5.  In EIGRP best path is known as the successor, where as backup path is known as \_\_\_\_\_\_\_\_\_\_  
a) **Feasible successor**  
b) Back-up route  
c) Default route  
d) There is no backup route in EIGRP

6.………….. supports the simultaneous use of multiple unequal cost paths to a destination.  
A. OSPF  
B**. EIGRP**  
C. BGP  
D. RIP

7. Which of the following is/are the benefits provided by EIGRP?  
i) Faster convergence  
ii) partial routing updates  
iii) High bandwidth utilization  
iv) Route summarization  
A. i, iii and iv only  
B. i, ii and iii only  
C. ii, iii and iv only  
**D. i, ii and iv only**

**8.**  A ………. AS has connections to two or more autonomous systems and carries both local and transit traffic.  
A. Stub  
B. Multi-homed  
C. **Transit**  
D. All of the above

9. ………. was originally developed to provide a loop-free method of exchanging routing information between autonomous systems.  
A. OSPF  
B. EIGRP  
**C. BGP**D. RIP

**10.Which command is entered to establish and verify BGP connection to a remote device?**

**a)show ip bgp summary**

b)show ip community-list

c)show ip bgp paths

d)show ip routes