**Multiple-Choice Test**

**Chapter 04.02**

**Vectors**

1. A set of equations







can also be written as

1. 
2. 
3. 
4. 
5. The magnitude of the vector,  is
6. 4
7. 10
8. 
9. 
10. The rank of the vector



is

1. 1
2. 2
3. 3
4. 4
5. If and , then is
6. 
7. 
8. 
9. 
10. The dot product of two vectors  and 





most nearly is

1. 14.80
2. 33.00
3. 56.00
4. 217.0
5. The angle in degrees between two vectors  and 





most nearly is

1. 8.124
2. 11.47
3. 78.52
4. 81.88