**Solved : M2.R4(Jan-15)**

**Multiple Choice**

1.1 : C

1.2 : A

Explanation: Shortest Seek Time First

1.3 : D

Explanation:

**Seek time:** Say you're reading some data from the (0,4). You receive instructions to read from track (2,5). The time it takes for you to move from track 0 to track 2 is seek time.

**Latency:** Once you reach track 2, you realize the head is above the 1st sector you'll have to wait till the disk rotates to the 5th sector so that you can start reading from (2,5). The time you wait for the sector to be accessible by your head here is known as latency.

1.4 : C

1.5 : D

1.6 : A

1.7 : C

1.8 : D

1.9 : A

1.10 : A

**True False**

2.1 : T

2.2 : T

2.3 : T

2.4 : F

2.5 : F

2.6 : F

2.7 : F

2.8 : T

2.9 : T

2.10 : T

**Match The columns**

3.1 : B

3.2 : D

3.3 : E

3.4 : D

3.5 : A

3.6 : K

3.7 : H

3.8 : M

3.9 : L

3.10 : J

**Fill in the Blanks**

4.1 : B  
4.2 : H  
4.3 : J  
4.4 : C  
4.5 : K  
4.6 : A  
4.7 : F  
4.8 : I  
4.9 : L  
4.10 : E