

ASSIGNMENT 11

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SUBJECT: MAT1011 L4

Registration no.:19BCI7005

SLOT : L4

- **RANDOM SAMPLING**

Q a]

```
sample(c(1:40),5)
```

```
[1] 22 28 17 24 18
```

Q b]

```
sample(c('H','T'),size=10,replace =TRUE,prob=c(0.5,0.5) )
```

```
[1] "H" "T" "T" "T" "T" "T" "T" "H" "H" "H"
```

Q c]

```
sample(c('S','F'),size=10,replace =TRUE,prob=c(0.9,0.1) )
```

```
[1] "F" "S" "S" "S" "S" "S" "S" "S" "S" "S"
```

Q d]

```
sample(c(1:40),5)
```

```
[1] 21 34 33 31 4
```

Q e]

```
sample(c(1:5),5)
```

```
[1] 1 4 2 5 3
```