

### **Test Case 1**

- Round-1: P=467, Q=479, Random Number 'r'=11, Private Key 's'=223694, Challenge 'c'= 0.
- Round-2: P=467, Q =479, Random Number 'r' = 60, Private Key 's' = 223694, Challenge 'c'= 0.
- Round-3: P=467, Q=479, Random Number 'r' =40, Private Key 's' =223694, Challenge 'c'= 1.

### **Test Case 2**

- Round-1: P=929, Q =937, Random Number 'r'=15, Private Key 's'=22, Challenge 'c'= 0.
- Round-2: P=929, Q =937, Random Number 'r' = 16, Private Key 's' = 22, Challenge 'c'= 0.
- Round-3: P=929, Q =937, Random Number 'r' =41, Private Key 's' =22, Challenge 'c'= 1

### **Test Case 3**

- Round-1: P=727, Q=733, Random Number 'r'=101, Private Key 's'=36, Challenge 'c'= 1.
- Round-2: P=727, Q=733, Random Number 'r' = 60, Private Key 's' = 36, Challenge 'c'= 1.
- Round-3: P=727, Q=733, Random Number 'r' =40, Private Key 's' =36, Challenge 'c'= 1.

### **Test Case 4**

- Round-1: P=727, Q=733, Random Number 'r'=532893, Private Key 's'=6, Challenge 'c'= 1.
- Round-2: P=727, Q=733, Random Number 'r' = 532895, Private Key 's' = 6, Challenge 'c'= 0.
- Round-3: P=727, Q=733, Random Number 'r' =532897, Private Key 's' =6, Challenge 'c'= 1.

### **Test Case 5**

- Round-1: P=89, Q=97, Random Number 'r'=53, Private Key 's'=8635, Challenge 'c'= 1.
- Round-2: P=89, Q=97, Random Number 'r' = 52, Private Key 's' = 8635, Challenge 'c'= 0.
- Round-3: P=89, Q=97, Random Number 'r' =532, Private Key 's' =8635, Challenge 'c'= 0.