**Question 1 - multiple choice, shuffle**

W​hat term is used to describe encryption methods which preserve addition and (potentially) multiplication

A: H​olomorphic

B: H​omeomorphic

C: H​eteromorphic

\*D: H​omomorphic

**Question 2 - checkbox, no shuffle, no partial credit**

A​ partially homomorphic encryption preserves

\*A: a​ddition

B: m​ultiplication

C: e​xponentiation

D: a​ll of the above

**Question 3 - multiple choice, shuffle**

Federation is the process of:

\*A: p​artial computation at source to protect privacy

B: d​ata perterbation to protect privacy

C: data encoding to protect privacy

D: d​ata redaction to protect privacy

**Question 4 - multiple choice, no shuffle**

F​ederation guarantees​ that the privacy of individuals is maintained

A: T​rue

\*B: F​alse

**Question 5 - checkbox, shuffle, no partial credit**

W​hat benefit does federation have over randomised response?

\*A: M​aintains accuracy of results

B: E​nsures individual privacy

C: E​nsures privacy both at source and in transit

**Question 6 - checkbox, no shuffle, no partial credit**

O​ne main challenge of homomorphic encryption is:

\*A: The c​omputational cost

B: The data c​annot be decrypted by intended user

C: The d​ata are vulnerable to leaks while "in transit"