

**Q1: What is Group and Field?**

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**Q2: What is  $\mathbb{F}_p$ ,  $\mathbb{F}_q$  and scalar multiplication in ECC?**

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**Q3: What is ECDH and what we can do with this?**

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**Q4: What is pairing?**

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**Q5: What is KZG commitment scheme?**

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**Q6: How can you encode your data into polynomials?**

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**Q7: What is Schwartz-Zippel Lemma & Public coin protocol?**

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**Q8: Describe Univariate Polynomial IOPs**

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**Q9: How can you design arithmetic circuits?**

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**Q10: Describe multivariate Polynomial IOPs?**

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**Q11: What is lookup argument & what does it do?**

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**Q12: What is folding schemes & what does it do?**