Q1. Simple googling, B

Q2. Simple googling, C

Q3. Simple googling, C

Q4. RSA is and always will be breakable, however time-consuming, B

Q5. There are multiple websites currently, however factordb.com is the biggest one of them all.

Q6. Use https://www.dcode.fr/rsa-cipher (integer number)

Q7. In theory, n is not factorizable, so no (even though it is actually)

Q8. Use https://www.dcode.fr/rsa-cipher (integer number)

Q9. In theory, you cannot decode a ciphertext only knowing the publiv key (which how knowing e and n is called), so no

Q10. Use https://www.dcode.fr/rsa-cipher (integer number)

Q11. Use https://www.dcode.fr/rsa-cipher (as plaintext, and submit CTF{decoded_ciphertext})

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