

[ **Note:** Students, since the assignments are related to the video, let us call them video assignments. It will be easier for all of us to identify the assignments. Thank you.]

Q1. What is K-map? Name the person who developed it.

Q2. What is Gray Code? What is its speciality?

Q3. Draw a properly labeled 2 and 4 variable K-map for SOP expression.

Q4. Draw a properly labeled 3 and 4 variable K-map for POS expression.

Q5. Explain how grouping is done in K-maps.