

11.01.2016 / T. Tuuva

## BM30A0601 Optoelectronics

Calculator is allowed, but no other material. You can also answer in finnish.

1. Describe structure and operation of a Photovoltaic Device.
2. Explain the operation of Dielectric Waveguides.
3. Describe structure and operation of a photodiode.
4. What are the different noise sources in a photo diode?