No 2.2
Firstly ask yourself what key factors may lead to different employee opinions; employee's sex, employee's salary level, employee's location, employee's number of vacation days, ...

Assuming the key factors which would influence employee’s decision are salary level and location, I would recommend sampling employees' opinions at (i) different salary levels, and (ii) different plant locations.
— stratified sampling approach.

No 2.7 (b)
(a) Factors: Treatment (i.e., what the experimenter is interested in investigating)
(b) Factor levels: Treatment = 2 (T1, T2)
(c) Blocks: Hospitals (Note all treatments must occur within each "block").
(d) Experimental unit: patient
(e) Measurement unit: patient
(f) Replications: 8 (8 patients within each hospital receive same treatment).
(g) Treatments: 2.