Benha University Faculty of Engineering- Shoubra Civil Engineering Department السنة الدراسية : رابعة مدنى عام



Date: 30 / 9 / 2014 اسم المادة: .خرسانة مسلحة كود المادة: .CVG 313 Duration 3 hours.

• Any missing data can be reasonably assumed.

• No. of questions: 1

- Answer all the following questions.
- Illustrate your answers with sketches when necessary.
- The exam consists of one page.

For the shown elevated tank, it is required to:

- 1. Draw the load diagrams for sections (1-1), (2-2) and (3-3).
- 2. Draw the N.F.D and B.M.D for section (2-2)
- 3. Design the critical sections, and draw all details of reinforcement for section (2-2).
- 4. Design WALL (XOYZ).
- 5. Draw a detailed sectional elevation for WALL (XOYZ).



