



Benha University - Benha Faculty of Engineering.

Construction Eng. and Management Program. (Credit Hours System)

Spring Semester 2019-2020.



**Subject:** Computer Applications in Civil Engineering

**Subject Code:** CMC502

**Examiner:** Dr. Ahmed Youssef.

Fifth Level

**Time Allowed:** Open Time

### Using Excel software:

Design a control sheet taking into consider the following rules:

- The maximum degree for each subject 100 marks.
- First exam scored for 20 marks, second exam scored for 20 marks, final exam 60 marks.
- Summation of first and second exam must be not less than 15 marks to consider the statant pass otherwise fail.
- Student can get 5 marks to success.
- Sheet contain 5 subjects for each student.
- Calculate the grad for each subject, and for the summation of the five subjects (if the student pass in all subjects).
- The grad of the student is according to the given table.
- Use conditional formatting to alarm that the score in each cell exceeds the maximum.
- Calculate the percentage of passing for each subject for 5 students, then draw it.

Grade	percentage %
Fail	<50
pass	50 to < 65
Good	65 to < 75
V.good	75 to < 85
Excellent	85 to 100