

## Benha University - Benha Faculty of Engineering. **Electro-Mechanical Engineering Program.** (Credit Hours System)

**Subject:** Codes and Specifications of Spring Semester 2020-2021 Electro-Mechanical Systems

**Subject Code: EME508 First Exam** 

Lecturer: Dr. Ayman Soliman **Date:** 17/5/2021 Total Marks: 30 Time: 1 Hrs.



Answer the following questions	
1. Compare between code, standard and Specification?	(3 marks)
2. Explain why there is not a unique code for all countries?	and who are write
the code?	(2 marks)
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3. What means the following abbreviations?	
BS, IEC, NEC	(3 marks)
4. List 8 of tasks of the supervisor of implementati	اذكر 8 من مهام المشرف على on (4 marks)
اذكر ستة من متطلبات رسومات التنفيذ . 5	(3 marks)

كيف يتم حماية الاشخاص داخل الموقع 6.	(3 marks)
7. What are the Low-Voltage Contact Limit during design Pools, Spas, Hot Tubs, Fountains, and Similar Installation	tions according to
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8. Compare between Overhead Power Conductors and Communications
Systems clearance required according to NEC ARTICLE 680? (6 marks)