**KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS**

**DEPARTMENT OF PHYSICS**

**PHYS 422-222**

**Nuclear and Partcile Physics**

**HW-4 Solutions**

**Due on Saturday 18 Feb. 2022**

**Problems are from Ch.5 of Textbook and are equally weighted (5 pts each)**

**Attempt the problems by yourself first, and then seek help if needed.**

**If you use a reference/solution manual, mention it and you will get full credit for a correct answer.**

**Please submit good PDF copy by email to khiari@kfupm.edu.sa**

**Q1. Pb # 2**

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**Solution**

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**Q2. Pb # 10**

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**Solution**

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**Q2. Pb # 13**

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**Solution**

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