**KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS**

**DEPARTMENT OF PHYSICS**

**PHYS 422-222: Nuclear and Particle Physics**

**Major-2 Exam Solutions**

**Sunday 02-04-2023**

**07:30-09:30 pm**

**Show details of your calculations**

**Name:**

**ID#**

**Pb # 1 (5 pts)**

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**Solution:**

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**Pb # 2 (5 pts)**

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**Solution:**

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**Pb # 3 (5 pts)**

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**Solution:**

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**Pb # 4 (5 pts)**

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**Solution:**

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