**SHAH ABDUL LATIF UNIVERSTY KHAIRPUR**

**INSTITUTE OF CHEMISTRY**

**Class:** B.S. VI / M. Sc.(Final) **Subject:** Radio & Nuclear Chemistry

**Semester:** 2nd **Test:**  Mid term

**Session:** 2019 **Date:** 25- 10 - 2019

**Maximum Marks** 30  **Time allowed:** 1hr

**Note: Attempt all Questions**

Q. No. 1 Differentiate between Natural and Artificial radioactivity; Give examples of each type of radiations.

Q. No. 2 Nuclear and chemical reactions how differ; Give the scope of nuclear chemistry in various fields specially in energy medicines.

Q. No. 3 Give all decay series with Parent and daughter elements; Compare fission and fusion with examples energy required.

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