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| 1075717_549909255068252_805887821_n.jpg | **http://upload.wikimedia.org/wikipedia/commons/9/9c/Inu_peshawar_logo.gifIqra National University, Peshawar**  **Department of Civil Engineering**  **Mid-Term Examination Summer 2020**  **Date:20/08/2020** |

**Course Title: Introduction to Earthquake engineering.**

**Program: B-Tech Civil**

**Module: 6th**

**Instructor: Mr.Ihsan Ul Mulk**

**Note: Attempt all questions.**

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| Q1  Q2 |  | Write the classifications of earthquakes on the basis of;  1)Cause of origin  2)Depth of Focus  3)Intensity and magnitude of Earthquake.  Write a comprehensive note on plate Tectonics. | Marks |
| (10) |
|  |  | Write a detail note on Tuned Mass Damper. | Marks |
| (05+05) |
| Q3 | (a) | Write down the 10 intensity of Rossi Forrel’s Scale.  Discuss the anatomy of earthquake through Diagram. | Marks  (10) |