**Annexure No. SA/14**

**School of Aeronautics (Neemrana)**

**I-04, RIICO Industrial Area, Neemrana, Dist. Alwar, Rajasthan**

**FORMAT FOR QUESTION PAPER OF INTERNAL ASSESSMENT EXAMINATION (THEORY)**

IAE – 1 Date: 30.01.2019

Subject: Aircraft Electronics System Batch: 10 & 11

Faculty Name: Mr. R.N. JHA Semester: VI

**(Answer any FOUR Questions. All Questions carry equal marks)**

**Total No. of Questions : 08 Total Marks: 30**

1. Explain the constructional details of aircraft DC Generator.
2. Describe the operation of a typical aircraft AC alternator.
3. Explain the performance characteristics of measuring instruments.
4. Explain the construction and operation of translational of and seismic of motion measuring devices.
5. Explain the fuel flow measurement system.
6. Explain the operation of fuel quantity indicating system.
7. Explain the engine temperature measurement system based of thermoemt.
8. Describe the construction of magnetic compass and explain its operation.