**SET-A**

**Rajasthan Institute of Engineering & Technology, Jaipur**

**University Roll No. \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

4th -Year B. Tech. ..7th..Semester…Ist Mid Term Exam Sept– 2018

Branch:- EE & EEE Subject: - AI-Techniques

Time: 2hr [Maximum Marks:-20]

Instructions to Candidates: -

Attempt all four questions. All questions carry equal marks.Schematic diagrams must be shown wherever necessary. Any data you feel missing suitably be assumed and stated clearly.

1. What is artificial intelligence? Explain with suitable example.

**OR**

1 Define the important parameters of a good Knowledge representation scheme.

1. Define the Characteristics of artificial intelligence.

**OR**

1. Explain the tasks of artificial intelligence, with details.
2. Write a short note on :
3. Declarative Knowledge.
4. Procedural Knowledge.

**OR**

1. Explain the Properties for knowledge representation systems?
2. What is Knowledge representation? Explain Representation and mapping with diagram?

**OR**

4. What is Expert System? Explain Expert system building tools and shells?

**SET-B**

**Rajasthan Institute of Engineering & Technology, Jaipur**

**University Roll No. \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

4th -Year B. Tech. ..7th..Semester…Ist Mid Term Exam Sept– 2018

Branch:- EE & EEE Subject: - AI-Techniques

Time: 2hr [Maximum Marks:-20]

Instructions to Candidates: -

Attempt all four questions. All questions carry equal marks.Schematic diagrams must be shown wherever necessary. Any data you feel missing suitably be assumed and stated clearly.

1. What is artificial intelligence and natural intelligence? Explain with suitable example.

**OR**

1 What are the application areas of artificial intelligence?

1. Define the Characteristics of artificial intelligence.

**OR**

1. Explain the tasks of artificial intelligence, with details.
2. Write a short note on :

a)Data and Information with example.

b)Turing test.

**OR**

1. Write a short note on :

a)Declarative Knowledge .

b)Procedural Knowledge.

1. What is Knowledge? Explain knowledge based system?

**OR**

4. What is Expert System? Explain Expert system building tools and shells?