** Asian School of Management**

(Affiliated to Tribhuvan University)

Samakhusi, kathmandu

**Pre-Board Examination 2070**

**Course : B.Sc. CSIT 4th semester**

Full Marks: 60 Time : 3 hrs

**Subject : Introduction to Cognitive Science (CSC 255)**

Attempt any TEN questions

1. What is cognitive science? Compare it with other sciences with examples.
2. Describe about Marr’s three level of information processing with suitable example.
3. Define AI. How can you represent knowledge? Explain with examples.
4. What is expert system? Explain it with its block diagram.
5. Which one is better, depth first search or breadth first search, Explain?
6. Explain about the basic models of computation.
7. Explain the Chomsky hierarchy of grammar with examples.
8. Describe about Hebbian Learning with example.
9. Why do we need NLP? What are the issues of NLP?
10. Why neural network is important? Explain its types.