

Department of Computer Science and Engineering
Semester: Spring 2019
Section – A (Day)
Class Test - 1

Course Code: CSE 412

Course Title: Artificial Intelligence

Full Marks: 15

Time: 15 Minutes

Answer all questions:

1. Fill up the following blanks: **2**

(a) AI (Artificial Intelligence) is a branch of _____ concerned with the study and _____ of computer systems that exhibit some form of _____:

- systems that learn new _____ and tasks,

(b) Most real situations for environment types are **6**

- | | |
|---|---|
| <ul style="list-style-type: none"> ▪ _____ ▪ _____ ▪ _____ | <ul style="list-style-type: none"> ▪ _____ ▪ _____ ▪ _____ |
|---|---|

2. Write **true/false** for the following sentences. **2**

- (a)** AI and Cybernetics are widely understood to be the same subject.
- (b)** The assertion that machines could act as if they were intelligent is called the weak AI hypothesis by philosophers.
- (c)** Philosophers are interested in the problem of comparing two architectures—human and machine.
- (d)** Turing conjectured that, by the year 2010, a computer with a storage of 10^{10} units could be programmed well enough to pass the test.

3. Complete the following figure: **5**

