# MA410 Artificial Intelligence - Introductory Lecture

1. **Define Intelligence**

   *Intelligence is the* _____ *part of the ability to achieve* _____.

2. **Define Artificial Intelligence**

   *The study of how* _____ *can* _____
   *such as learning, reasoning, and understanding symbolic information in context.*

3. **What have the Computer and Brain in common?** _____

   _____.

4. **Which is faster at doing calculations?** _____

5. **Which is better at interpreting the outside world?** _____

6. *Representation of knowledge is important so that we can relate* _____
   *to something a* _____.

7. **From a set of facts & rules, what can an intelligent agent do?** _____

8. **Give 3 reasons why knowledge may be uncertain.** _____

9. **Name 2 approaches to uncertainty.** _____

10. **Are logical rules and axioms enough for intelligence?** _____

11. **What does NLP stand for?** _____

12. *In order for a computer to pass the Turing test, a human judge must not be able to reliably* _____ *between* _____.

13. *Procedural programming languages tell a computer* _____.

14. *Prolog says* _____.

15. **What does Prolog use to store grammatical structure?** _____

16. **Give a simple sentence breakdown.** _____

17. **What type of algorithms did Deep Blue use?** _____

18. _____*are interesting in that they appear all over AI.*

19. **Give three examples of CSPs.** _____

20. **Name the three techniques discussed for solving CSPs.** _____

    _____.