#### Ex Machina

#### 0.00 - 17.04

- 1. How well/poorly does Ava perform in the first of the Turing Test sessions?
- 2. What does Nathan's misunderstanding of Caleb's "History of Gods" tell us about him?
- 3. How is this Turing Test different from the standard version and why?

## 17.04 - 31.00

- 4. What is the OMD song "Enola Gay" about and what significance might this have in the film?
- 5. Why does Caleb say that testing Ava through conversation is like a "closed loop"?
- 6. How well/poorly does Ava do in the second session of the Turing Test?

### 31.00 - 44.38

- 7. What's the jibe in the line "I used to think it was death and taxes you couldn't avoid, but actually it's death and shit?"
- 8. What utterance of Ava's does Caleb cite as evidence of Ava's awareness of her own mind, and his? Do you agree with his view?
- 9. What does Nathan mean when he compares the information made available through the internet to oil in a world without the internal combustion engine? What analogy is he drawing with the development of an AI?
- 10. How does Ava do in her third TT session?

# 44.38 - 58.35

- 11. Why has Ava been endowed with sexuality?
- 12. Why does Caleb suspect Nathan has given Ava a sexual dimension?
- 13. In what way does Nathan claim that Caleb, and by implication all human beings, are programmed?
- 14. What point is Nathan making when he talks about the Jackson Pollock painting?
- 15. Do you agree with Nathan that it is possible to "find an action that is not automatic"?
- 16. What point does the "Black and White Room" thought experiment intend to make about human experience/consciousness?
- 17. Why do the black and white scenes of Caleb and Ava together in the landscape outside imply?

# 58.35 - 01.25.00

- 18. What does Session 5 tell us about Ava's development and the possible nature of her intelligence?
- 19. What does the Robert Oppenheimer quote and the Prometheus reference imply about the technology?
- 20. How would you characterize Ava's behaviour in session 6?
- 21. What was the plan all along? Why was Caleb selected and used in the Turing Test trial?

### **Concluding Questions**

- 1. How does Nathan's social and empathetic dysfunctionality affect his creations?
- 2. How could this film be seen as a feminist critique of a particular kind of patriarchal culture?
- 3. How does Caleb's empathy make him vulnerable to Nathan and Ava's manipulation?
- 4. Why are there six TT sessions?
- 5. Why is the film called "Ex Machina"?