

ENGINEERING

DISCUSSION QUESTIONS



A2

1. What is engineering?
2. Can you name different types of engineering?
3. What does a mechanical engineer do?
4. What does an electrical engineer work on?
5. Why is civil engineering important?
6. What do chemical engineers make?
7. Can you think of something built by an engineer?
8. Why do we need engineers?
9. What tools do engineers use?
10. What would you build if you were an engineer?
11. How do engineers help people?
12. What is the biggest thing an engineer has built?
13. Do you know any famous engineers?
14. What subjects do engineers study?
15. Can girls be engineers?
16. What kind of problems do engineers solve?
17. Why is engineering important in our lives?
18. What kind of buildings do engineers design?
19. How do engineers use math?
20. Would you like to be an engineer? Why?

B1

1. Discuss the role of engineering in society.
2. How has engineering changed our world?
3. What are the challenges faced by engineers?
4. How do different types of engineering work together?
5. What are the latest innovations in engineering?
6. How does engineering impact the environment?
7. Why is teamwork important in engineering?
8. Discuss a famous engineering project.
9. How do engineers use science in their work?
10. What skills are important for an engineer?
11. How does engineering affect daily life?
12. What are some ethical considerations in engineering?
13. How do engineers solve complex problems?
14. Discuss the future of engineering.
15. What is the role of creativity in engineering?
16. How has technology changed engineering?
17. What are the educational requirements for becoming an engineer?
18. Discuss the importance of safety in engineering.
19. How do engineers contribute to medical advancements?
20. What role does engineering play in space exploration?

B2

1. Analyze the impact of engineering on global development.
2. Discuss the evolution of engineering over the centuries.
3. How do engineers address sustainability?
4. Evaluate the role of engineering in disaster management.
5. Discuss the intersection of engineering and technology.
6. Analyze the ethical dilemmas faced by engineers.
7. Evaluate the impact of engineering on economic growth.
8. Discuss the role of engineering in renewable energy.
9. How do engineers innovate to solve new challenges?
10. Debate the importance of engineering standards and regulations.
11. Discuss the impact of artificial intelligence on engineering.
12. Analyze the role of engineers in addressing climate change.
13. Evaluate the balance between functionality and aesthetics in engineering design.
14. Discuss the challenges of engineering education and training.
15. How has engineering shaped urban development?
16. Analyze the role of engineers in healthcare advancements.
17. Discuss the future trends in engineering.
18. Evaluate the impact of globalization on engineering practices.
19. How do engineers contribute to transportation advancements?
20. Debate the role of engineers in policy-making.

C1/C2

1. Critique the role of engineering in shaping modern society.
2. Analyze the relationship between engineering and scientific research.
3. Evaluate the role of engineers in ethical decision-making.
4. Discuss the implications of engineering solutions on social equity.
5. Examine the challenges of intercultural communication in engineering projects.
6. Analyze the impact of engineering on the digital revolution.
7. Evaluate the role of engineers in sustainable urban planning.
8. Discuss the influence of engineering on global health initiatives.
9. Examine the challenges in balancing innovation and tradition in engineering.
10. Critically assess the role of engineering in environmental conservation.
11. Debate the ethical responsibilities of engineers in society.
12. Analyze the role of engineering in shaping geopolitical landscapes.
13. Critically evaluate the impact of engineering advancements on privacy and security.
14. Examine the interdependency between engineering and global economic systems.
15. Discuss the philosophical implications of engineering practices.
16. Analyze the role of engineers in navigating complex global challenges.
17. Evaluate the impact of engineering on cultural heritage preservation.
18. Debate the influence of engineering on governmental policies.
19. Examine the future role of engineers in space exploration.
20. Critically assess the role of engineers in mitigating the effects of climate change.