

**GEOGRAPHIC INFORMATION SYSTEMS  
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**\*\*\* EXAMINATION \*\*\***

**PROFESSIONAL ETHICS FOR MANUFACTURING ENGINEERS  
USING THE FUNDAMENTAL CANONS OF ENGINEERING PRACTICE**

1. **In Case Study 1, the ethical violation of ABC Manufacturing Design**
  - a) is addressed in Section 1 of the Fundamentals Canons
  - b) is addressed in Section 2 of the Fundamentals Canons
  - c) is addressed in Section 3 of the Fundamentals Canons
  - d) is addressed in Section 5 of the Fundamentals Canons
  
2. **In Case Study 2, the ethical violation by Carby Freque**
  - a) is addressed in Section 1 of the Fundamentals Canons
  - b) is addressed in Section 2 of the Fundamentals Canons
  - c) is addressed in Section 3 of the Fundamentals Canons
  - d) is addressed in Section 5 of the Fundamentals Canons
  
3. **In Case Study 3, the ethical violation by JJQ Manufacturing Partners**
  - a) is addressed in Section 1 of the Fundamentals Canons
  - b) is addressed in Section 2 of the Fundamentals Canons
  - c) is addressed in Section 3 of the Fundamentals Canons
  - d) is addressed in Section 5 of the Fundamentals Canons
  
4. **In Case Study 4, the ethical violation by RPX Manufacturing Associates**
  - a) is addressed in Section 2 of the Fundamentals Canons
  - b) is addressed in Section 3 of the Fundamentals Canons
  - c) is addressed in Section 4 of the Fundamentals Canons
  - d) is addressed in Section 5 of the Fundamentals Canons
  
5. **In Case Study 5, the ethical violation by XXY Manufacturing Experts**
  - a) is addressed in Section 1 of the Fundamentals Canons
  - b) is addressed in Section 2 of the Fundamentals Canons
  - c) is addressed in Section 3 of the Fundamentals Canons
  - d) is addressed in Section 5 of the Fundamentals Canons
  
6. **In Case Study 6, the ethical violation by QQY Manufacturing Engineers**
  - a) is addressed in Section 1 of the Fundamentals Canons
  - b) is addressed in Section 2 of the Fundamentals Canons
  - c) is addressed in Section 3 of the Fundamentals Canons
  - d) is addressed in Section 5 of the Fundamentals Canons

7. **In Case Study 7, the ethical violation by RQF Manufacturing Consultants**
  - a) is addressed in Section 1 of the Fundamentals Canons
  - b) is addressed in Section 2 of the Fundamentals Canons
  - c) is addressed in Section 3 of the Fundamentals Canons
  - d) is addressed in Section 5 of the Fundamentals Canons
8. **In Case Study 8, the ethical violation by the president**
  - a) is addressed in Section 1 of the Fundamentals Canons
  - b) is addressed in Section 2 of the Fundamentals Canons
  - c) is addressed in Section 3 of the Fundamentals Canons
  - d) is addressed in Section 5 of the Fundamentals Canons
9. **In Case Study 9, the ethical violation by RVQ Manufacturing Designers**
  - a) is addressed in Section 1 of the Fundamentals Canons
  - b) is addressed in Section 2 of the Fundamentals Canons
  - c) is addressed in Section 3 of the Fundamentals Canons
  - d) is addressed in Section 5 of the Fundamentals Canons
10. **In Case Study 10, the ethical violation by AQQ Manufacturing Consulting**
  - a) is addressed in Section 1 of the Fundamentals Canons
  - b) is addressed in Section 2 of the Fundamentals Canons
  - c) is addressed in Section 3 of the Fundamentals Canons
  - d) is addressed in Section 5 of the Fundamentals Canons
11. **In Case Study 11, the ethical violation by YQX Manufacturing Associates**
  - a) is addressed in Section 1 of the Fundamentals Canons
  - b) is addressed in Section 2 of the Fundamentals Canons
  - c) is addressed in Section 4 of the Fundamentals Canons
  - d) is addressed in Section 5 of the Fundamentals Canons
12. **In Case Study 12, the ethical violation by YYF Manufacturing Design**
  - a) is addressed in Section 1 of the Fundamentals Canons
  - b) is addressed in Section 2 of the Fundamentals Canons
  - c) is addressed in Section 4 of the Fundamentals Canons
  - d) is addressed in Section 5 of the Fundamentals Canons
13. **In Case Study 13, the ethical violation by ZXT Manufacturing Consultants**
  - a) is addressed in Section 1 of the Fundamentals Canons
  - b) is addressed in Section 2 of the Fundamentals Canons
  - c) is addressed in Section 3 of the Fundamentals Canons
  - d) is addressed in Section 5 of the Fundamentals Canons
14. **In Case Study 14, the ethical violation by CQM Manufacturing Constructors**
  - a) is addressed in Section 2 of the Fundamentals Canons
  - b) is addressed in Section 3 of the Fundamentals Canons
  - c) is addressed in Section 4 of the Fundamentals Canons
  - d) is addressed in Section 5 of the Fundamentals Canons

15. **In Case Study 15, the ethical violation by RQI Manufacturing Contractors**

- a) is addressed in Section 1 of the Fundamentals Canons
- b) is addressed in Section 2 of the Fundamentals Canons
- c) is addressed in Section 3 of the Fundamentals Canons
- d) is addressed in Section 5 of the Fundamentals Canons

16. **In Case Study 16, the ethical violation by the city engineer**

- a) is addressed in Section 1 of the Fundamentals Canons
- b) is addressed in Section 2 of the Fundamentals Canons
- c) is addressed in Section 3 of the Fundamentals Canons
- d) is addressed in Section 5 of the Fundamentals Canons

17. **In Case Study 17, the ethical violation by BBQ Manufacturing Engineering**

- a) is addressed in Section 1 of the Fundamentals Canons
- b) is addressed in Section 2 of the Fundamentals Canons
- c) is addressed in Section 3 of the Fundamentals Canons
- d) is addressed in Section 5 of the Fundamentals Canons

18. **In Case Study 18, the ethical violation by AQQ Manufacturing Group**

- a) is addressed in Section 1 of the Fundamentals Canons
- b) is addressed in Section 2 of the Fundamentals Canons
- c) is addressed in Section 3 of the Fundamentals Canons
- d) is addressed in Section 5 of the Fundamentals Canons

19. **In Case Study 19, the ethical violation by QXQ Manufacturing Consultants**

- a) is addressed in Section 1 of the Fundamentals Canons
- b) is addressed in Section 3 of the Fundamentals Canons
- c) is addressed in Section 4 of the Fundamentals Canons
- d) is addressed in Section 5 of the Fundamentals Canons

20. **In Case Study 20, the ethical violation by QXQ Manufacturing Consultants**

- a) is addressed in Section 1 of the Fundamentals Canons
- b) is addressed in Section 2 of the Fundamentals Canons
- c) is addressed in Section 4 of the Fundamentals Canons
- d) is addressed in Section 5 of the Fundamentals Canons

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<b>*** ANSWER SHEET *** U355</b>  <b>PROFESSIONAL ETHICS FOR          MANUFACTURING ENGINEERS USING THE          FUNDAMENTAL CANONS OF ENGINEERING          PRACTICE</b>	<u>STATE BOARD</u>	<u>COURSE NO.</u>	<u>VALUE</u>
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