# Waves Vocabulary 1. medium 2. transverse wave

- 3. Longitudinal(compression) wave
- 4. amplitude
- 5. wavelength
- 6. frequency
- 7. Hertz
- 8. reflection
- 9. Refraction
- 10. compression/rarefaction
- 11. destructive interference
- 12. constructive interference
- 13. Resonance
- 14. electromagnetic spectrum
- 15. pitch
- 16. Diffraction
- 17. Concave
- 18. Convex

# Ch 17 Questions

# Chapter 17.1 page 503

|   | I have read the question. | I have found the answer in the book. | I understand this answer to this question at a basic level. | I understand this question and answer totally. |
|---|---------------------------|--------------------------------------|---|--|
| 1 |                           |                                      |   |  |
| 2 |                           |                                      |   |  |

4.

# Chapter 17.2 questions, page 507

|   | I have read the question. | I have found the answer in the book. | I understand this answer to this question at a basic level. | I understand this question and answer totally. |
|---|---------------------------|--------------------------------------|---|--|
| 1 |                           |                                      |   |  |
| 2 |                           |                                      |   |  |
| 3 |                           |                                      |   |  |

9.

10.

# Chapter 17.3 questions, page 512

|   | I have read the question. | I have found the answer in the book. | I understand this answer to this question at a basic level. | I understand this question and answer totally. |
|---|---------------------------|--------------------------------------|---|--|
| 1 |                           |                                      |   |  |
| 2 |                           |                                      |   |  |
| 3 |                           |                                      |   |  |
| 4 |                           |                                      |   |  |

7.

8.

# Chapter 17.4 questions, page 521

|   | I have read the question. | I have found the answer in the book. | I understand this answer to this question at a basic level. | I understand this question and answer totally. |
|---|---------------------------|--------------------------------------|---|--|
| 1 |                           |                                      |   |  |
| 2 |                           |                                      |   |  |
| 3 |                           |                                      |   |  |

9.

#### Ch 18 Questions

Chapter 18.1 Preread questions page 538

|   | I have read the question. | I have found the answer in the book. | I understand this answer to this question at a basic level. | I understand this question and answer totally. |
|---|---------------------------|--------------------------------------|---|--|
| 1 |                           |                                      |   |  |
| 2 |                           |                                      |   |  |
| 3 |                           |                                      |   |  |
| 4 |                           |                                      |   |  |
| 5 |                           |                                      |   |  |

| 0 |    |
|---|----|
| У | ١. |

10.

#### Chapter 18.2 questions, page 545

|   | I have read the question. | I have found the answer in the book. | I understand this answer to this question at a basic level. | I understand this question and answer totally. |
|---|---------------------------|--------------------------------------|---|--|
| 1 |                           |                                      |   |  |
| 2 |                           |                                      |   |  |

| .1 |  |
|----|--|

4.

5.

7.

#### Chapter 18.3 questions, page 549

|   | I have read the question. | I have found the answer in the book. | I understand this answer to this question at a basic level. | I understand this question and answer totally. |
|---|---------------------------|--------------------------------------|---|--|
| 1 |                           |                                      |   |  |
| 2 |                           |                                      |   |  |

5.

# Chapter 18.4 questions, page 585

|   | I have read the question. | I have found the answer in the book. | I understand this answer to this question at a basic level. | I understand this question and answer totally. |
|---|---------------------------|--------------------------------------|---|--|
| 1 |                           |                                      |   |  |
| 2 |                           |                                      |   |  |
| 3 |                           |                                      |   |  |

#### Chapter 18.5 questions, page 562

|   | I have read the question. | I have found the answer in the book. | I understand this answer to this question at a basic level. | I understand this question and answer totally. |
|---|---------------------------|--------------------------------------|---|--|
| 1 |                           |                                      |   |  |

1.

#### Ch 19 Questions

# Chapter 19.1 page 573

|   | I have read the question. | I have found the answer in the book. | I understand this answer to this question at a basic level. | I understand this question and answer totally. |
|---|---------------------------|--------------------------------------|---|--|
| 1 |                           |                                      |   |  |
| 2 |                           |                                      |   |  |
| 3 |                           |                                      |   |  |

#### Chapter 19.2 questions, page 578

|   | I have read the question. | I have found the answer in the book. | I understand this answer to this question at a basic level. | I understand this question and answer totally. |
|---|---------------------------|--------------------------------------|---|--|
| 1 |                           |                                      |   |  |
| 2 |                           |                                      |   |  |
| 3 |                           |                                      |   |  |
| 4 |                           |                                      |   |  |

#### Chapter 19.3 questions, page 585

|   | I have read the question. | I have found the answer in the book. | I understand this answer to this question at a basic level. | I understand this question and answer totally. |
|---|---------------------------|--------------------------------------|---|--|
| 1 |                           |                                      |   |  |

# Chapter 19.4 questions, page 592

|   | I have read the question. | I have found the answer in the book. | I understand this answer to this question at a basic level. | I understand this question and answer totally. |
|---|---------------------------|--------------------------------------|---|--|
| 2 |                           |                                      |   |  |

3.