

NCC Electronic Fetal Monitoring Certification Exam

(Verified Answers)

1. Which of the following factors can have a negative effect on uterine blood flow?

- a. Hypertension
- b. Epidural
- c. Hemorrhage
- d. Diabetes
- e. All of the above

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ANS All of the above

2. How does the fetus compensate for decreased maternal circulating volume?

- a. Increases cardiac output by increasing stroke volume.
- b. Increases cardiac output by increasing it's heart rate.
- c. Increases cardiac output by increasing fetal movement.

ANS Increases cardiac output by increasing it's heart rate.

3. Stimulating the vagus nerve typically produces:

- a. A decrease in the heart rate
- b. An increase in the heart rate
- c. An increase in stroke volume
- d. No change

ANS A decrease in the heart rate

4. What initially causes a chemoreceptor response?

- a. Epidurals
- b. Supine maternal position
- c. Increased CO₂ levels
- d. Decreased O₂ levels
- e. A & C
- f. A & B
- g. C & D: **ANS** g. C & D

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5. The vagus nerve begins maturation 26 to 28 weeks. Its dominance results in what effect to the FHR baseline?

- a. Increases baseline
- b. Decreases baseline

ANS Decreases baseline

6. T/F: Oxygen exchange in the placenta takes place in the intervillous space **ANS** True

7. T/F: The parasympathetic nervous system is a cardioaccelerator

ANS False

8. T/F: Baroreceptors are stretch receptors which respond to increases or decreases in blood pressure

ANS True

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9. T/F: There are two electronic fetal monitoring methods of obtaining the fetal heart rate: the ultrasound transducer and the fetal spiral electrode

ANS True

10. T/F: Variability can be determined with the fetoscope **ANS** False

11. T/F: Because the ultrasound transducer and toco transducer are sealed units, they can be dipped in warm water to make cleaning easier **ANS**

False

12. T/F: The most common artifact with the ultrasound transducer system for fetal heart rate is increased variability **ANS** True

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13. T/F: All fetal monitors contain a logic system designed to reject artifact.-
: True

14. T/F: The monitor should always be tested before starting a tracing, either external or internal mode and labeled a test **ANS** True

15. T/F: The paper speed on the fetal monitor should always be set at 1cm/min **ANS** False