

1.

Which of the following is the hormone released by the brain in high-stress situations?

Student Response	Correct Answer
1. Insulin	
2. Melatonin	
3. Oxytocin	
<input checked="" type="radio"/> 4. Cortisol	<input checked="" type="checkbox"/>
Score: 2.5/2.5	

2.

By the time she is 8 years old, a child's brain has reached about what percentage of its adult size?

Student Response	Correct Answer
1. 60%	
<input checked="" type="radio"/> 2. 90%	<input checked="" type="checkbox"/>
3. 75%	
4. 50%	
Score: 2.5/2.5	

3.

At about what age do children's eyes reach their full adult weight?

Student Response	Correct Answer
1. 5	
<input checked="" type="radio"/> 2. 7	<input checked="" type="checkbox"/>
3. 9	
4. 11	
Score: 2.5/2.5	

4.

Which of the following is the most important reason that highly competitive sports can be dangerous in middle childhood?

**Student Response**

**Correct Answer**

1. Children's hearts are underdeveloped relative to other parts of the body.
2. Children need to develop increased muscle strength to be good at most sports.
3. Children do not have motor coordination to handle competitive sports.
4. Children's lungs still have a limited oxygen capacity.

Score: 0/2.5

**5.**

Overweight children tend to

**Student Response**

**Correct Answer**

1. be rejected or abused by other children.
2. develop excellent cognitive skills as coping mechanisms.
3. develop excellent senses of humor as coping mechanisms.
4. be happier and more popular than thin children.

Score: 2.5/2.5

**6.**

Based on what is currently known about childhood obesity, which of the following children is most at risk?

**Student Response**

**Correct Answer**

1. Vasile, who buys breakfast and lunch in the school cafeteria
2. Bela, who plays in a youth soccer league
3. Elena, who eats mostly home-cooked meals
4. Olga, who lives next door to a city playground

Score: 2.5/2.5

**7.**

Why is Type 2 diabetes becoming more common in school-age American children?

**Student Response**

**Correct Answer**

1. Sugar has been replaced by high-fructose corn syrup in most foods.
2. Rates of infection by antibiotic-resistant bacteria are rising.
3. There are more genetic anomalies caused by industrialization.
4. More children are becoming overweight and obese.



Score: 2.5/2.5

**8.**

Which of the following is the most likely underlying problem in children with attention-deficit disorder with hyperactivity (ADHD)?

**Student Response**

**Correct Answer**

- A. poor parental discipline
- B. lack of motivation
- C. a neurological difficulty
- D. poor schooling



Score: 2.5/2.5

**9.**

All of the following are true about the 5-to-67 shift EXCEPT

**Student Response**

**Correct Answer**

1. Children's cognitive skills show important improvements during this time.
2. Advances in children's thinking happen across many different cultures.
3. Children become capable of thinking logically and rationally.
4. Children are able to reason about abstract concepts such as freedom.



Score: 0/2.5

**10**

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Fred and Ricky are identical twins. Lucy and Ethel are fraternal twins. If intelligence is primarily a genetic trait, we would expect that