Pediatric HIV Cure Assessment

1. Latent cells are cells that are “resting” but still have HIV and can be reactivated
   a. true
   b. false

2. Infection transmitted during delivery is
   a. In utero transmission
   b. Post-partum transmission
   c. Intrapartman transmission
   d. In vivo transmission

3. Breast feeding whilst the mother is on ART is
   a. Not advisable
   b. Prevents further exposure
   c. Is safe depending on the ART
   d. Encouraged by WHO

4. Which of these is NOT a challenge with curative strategies in infants
   a. Research funding
   b. Lack of point of care diagnostics
   c. Low blood volumes
   d. Reservoirs in hard to access tissue

5. What is an ethical concern of strategies designed to achieve functional in neonates
   a. Aggressive treatment can have toxic side effects
   b. Can lead to drug resistance
   c. Can lead to increased reservoir size
   d. All the above

6. How can Mother-to-Child transmission (MTCT) be prevented?
   a. Testing during pregnancy
   b. ART during pregnancy
   c. Antiretroviral drugs
   d. ART during pregnancy
   e. All of the above
7. Everything except one of the following is a potential reason for the Mississippi Child’s long term remission?
   a. Mother’s ART adherence
   b. Mother’s viral load
   c. Viral strain
   d. Genetic differences in the child’s immune system

8. The earlier ART is initiated the smaller the child’s viral reservoir
   a. True
   b. False

9. Long-term remission is synonymous to cure.
   a. True
   b. False

10. What happens when an infant stops taking ART?
    a. Virus particles can re-ignite HIV infection
    b. It has no effect
    c. Memory cells replicate
    d. Size of reservoirs increase
## Answer Key

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. A</td>
<td>Answer can be found on slide 8</td>
</tr>
<tr>
<td>2. C</td>
<td>Answer can be found on slide 4</td>
</tr>
<tr>
<td>3. B</td>
<td>Answer can be found on slide 5</td>
</tr>
<tr>
<td>4. A</td>
<td>Answer can be found on slide 31</td>
</tr>
<tr>
<td>5. D</td>
<td>Answer can be found on slide 28</td>
</tr>
<tr>
<td>6. E</td>
<td>Answer can be found on slide 5</td>
</tr>
<tr>
<td>7. A</td>
<td>Answer can be found on slide 22</td>
</tr>
<tr>
<td>8. A</td>
<td>Answer can be found on slide 15</td>
</tr>
<tr>
<td>9. B</td>
<td>Answer can be found on slide 20</td>
</tr>
<tr>
<td>10. A</td>
<td>Answer can be found on slide 21</td>
</tr>
</tbody>
</table>