

SCENARIO ANSWER KEY

1. What percent of all brain injuries are considered severe like John's?
 - a. 90%
 - b. Between 2-3%
 - c. Between 5-25%**
 - d. Between 10-30%

2. Whether mild, moderate, or severe, traumatic brain injuries are more common in:
 - a. Males**
 - b. Females
 - c. Females and males equally
 - d. Statistics for this are not tracked

3. "Transportation-related" injuries such as John's account for what percent of all brain injuries
 - a. 90%
 - b. 80%
 - c. 70%
 - d. 20%**

4. The correlation between alcohol involvement and injury as in John's case is approximately:
 - a. 24%
 - b. 36%
 - c. 56%**
 - d. 86%

5. TBI is an insult of the brain, not of a degenerative or congenital nature, but caused by:
 - a. Strokes
 - b. Toxic poisonings
 - c. An external physical force**
 - d. Lack of oxygen

6. Impairments following a traumatic brain injury:
 - a. May either be temporary or permanent**
 - b. Are always temporary
 - c. Are never permanent
 - d. Dissipate after a few weeks



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7. The 1997 GAO report of Traumatic Brain Injury determined that Medicaid and Home and Community Based Waiver programs covered an estimated 2,478 individuals and spent:
 - a. 10 million dollars
 - b. 75 million dollars
 - c. 118 million dollars**
 - d. 250 million dollars

8. In what ways might John and others who have sustained a TBI be stigmatized and devalued?
 - a. They may be labeled
 - b. They may be segregated
 - c. They may be stereotyped
 - d. All of the above**

9. If John's rehabilitation is based on a medical model, what would be the treatment team's perspective on John and his injury?
 - a. John's condition is the problem**
 - b. John has no responsibility for his actions
 - c. John is the "power person"
 - d. John's deficits cannot be changed

10. Which of the following would describe John's rehabilitation if it were based on a model of interdependence?
 - a. Physician driven
 - b. Therapist driven
 - c. Relationship driven**
 - d. Case management driven

11. Those who interact with John are encouraged to adopt which of the following perspectives with regards to "blame?"
 - a. Convince John to accept blame for his injury
 - b. Avoid blaming John**
 - c. Convince John to accept blame for his injury, but not his behaviors
 - d. Convince John to accept blame for his behaviors, but not his injury



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12. The term that captures the ultimate goal of rehabilitation is:
- a. **Inclusion**
 - b. Integration
 - c. Segregation
 - d. Institutionalization
13. Which of the following best describes “active treatment interaction?”
- a. Providing custodial care
 - b. Using restraints to avoid harm to the patient and others
 - c. Punishing to eliminate negative behaviors
 - d. **Looking for situations to facilitate independence**
14. Since John’s injury was severe and his coma lasted for ten days, what would his Glasgow Scale most likely be in the first ten days?
- a. 20-25
 - b. 13-15
 - c. 9-12
 - d. **8 or below**
15. A “coup-countercoup” injury is caused by:
- a. Bullet wound
 - b. Blunt trauma to top of head
 - c. **Bouncing of the brain within the skull**
 - d. Oxygen deprivation
16. The prefrontal cortex is responsible for:
- a. Memory
 - b. Vision
 - c. **Emotional responses**
 - d. Sensation
17. The occipital lobe is responsible for:
- a. **Primary visual abilities**
 - b. Balance and coordination
 - c. Body awareness
 - d. Working memory



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18. The medulla, pons, and mid-brain are parts of the:
- a. Cerebellum
 - b. Brain stem**
 - c. Limbic system
 - d. Hippocampus
19. Injury to the limbic system can produce serious problems with:
- a. Breathing
 - b. Heart rate
 - c. Emotional perceptions and feelings**
 - d. Higher level thinking
20. During initial assessment at the rehabilitation facility, which of the following information should be gathered upon intake?
- a. How the injury happened, i.e., circumstances of the injury
 - b. Family history
 - c. Health problems prior to injury
 - d. All of above**
21. John is probably on what medication to control his seizures?
- a. Dilantin**
 - b. Tylenol
 - c. Ritalin
 - d. Demerol
22. As many as _____ of individuals with an acquired (traumatic and non-traumatic) brain injury will return to using drugs and alcohol post-injury.
- a. 20%
 - b. 50%**
 - c. 70%
 - d. 10%



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23. John's immediate rehabilitation program will probably include which disciplines?
- a. Speech-language pathology
 - b. Physical and occupational therapy
 - c. Psychology and social work
 - d. All of the above**
24. A tracheotomy is often needed following a brain injury to help with what function?
- a. Bowel
 - b. Breathing**
 - c. Heart rhythm
 - d. Feeding
25. An increase in muscle tone tension is called:
- a. Cramping
 - b. Contracture
 - c. Spasticity**
 - d. Ossification
26. To help John remember his daily routine, the treatment team may suggest:
- a. Written diary or planner**
 - b. Relying on his mother
 - c. Allowing frequent mistakes until he learns
 - c. Negative reinforcement when he forgets
27. Which of the following describes the significance of substance abuse counseling for John's rehabilitation?
- a. Of no value now since the accident already happened
 - b. Will not work for John because of his cognitive impairments
 - c. Should only be provided if he requests it
 - d. Should definitely be integrated into his rehabilitation plan**
28. Which of the following is most true of rehabilitation "outcomes?"
- a. Cannot usually be determined
 - b. Can be measured by objective data**
 - c. Needed only when required by insurance company
 - d. Should be directed solely by the attending physician



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29. Which of the following is true regarding an individual's preferences with respect to living arrangements?
- a. **The individual's preferences are a primary driver in considering living options**
 - b. The individual's choice is not a fundamental element of the treatment plan
 - c. The individual is too cognitively impaired to have input on his living arrangements
 - d. The individual has no legal right toward deciding where to live
30. To manage John's inappropriate language, a behavior plan would probably include which of the following strategies?
- a. Immediately reprimanding John
 - b. Nonverbal display of dissatisfaction
 - c. **Ignoring the behavior**
 - d. Applying punishment
31. Which of the following conclusions is true if John is having difficulty meeting his goals?
- a. He is not trying hard enough
 - b. The team must never change a goal once established
 - c. The team must stop treatment
 - d. **The treatment plan needs to be assessed**
32. Public Law 101-476 IDEA, provides funding for special education and applies to:
- a. College
 - b. High school
 - c. Elementary school
 - d. **b & c only**
33. The brain continues to develop through approximately 21 years of age. The region that is the last to mature is the:
- a. **Frontal lobe**
 - b. Sensory and motor systems
 - c. Temporal lobe
 - d. Occipital lobe



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34. Teenagers 15-19 years old are most susceptible to
- a. Non-accidental trauma
 - b. Physical abuse
 - c. Sports and auto occupant accidents**
 - d. Pedestrian/motor vehicle accidents
35. A student returning to school after a BI may need accommodation for:
- a. Attention/concentration
 - b. Memory/organization
 - c. Following directions
 - d. All of the above**
36. To qualify for a 504 accommodation in a school that receives federal funding, the student is only required to have a:
- a. Presumed disability**
 - b. Physician's note
 - c. Emergency room discharge
 - d. None of the above
37. The greatest percentage of brain maturation occurs:
- a. Birth to age 5**
 - b. Age 5-7
 - c. Pre-teen years
 - d. Late teen years
38. Which is the best approach to family involvement in rehabilitation?
- a. Minimize involvement at all times
 - b. Minimize involvement unless they insist
 - c. Encourage visits but minimize involvement in treatment
 - d. Encourage involvement in all aspects of rehab**
39. Family members of TBI survivors:
- a. Learn to adapt to the situation easily
 - b. Frequently experience isolation, depression, or guilt**
 - c. Are best left to cope in their own way
 - d. Are not the responsibility of the rehab team



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40. Family members may experience which of the following?
- a. **Post traumatic stress disorder**
 - b. Post injury amnesia
 - c. Medical complications
 - d. Heart attacks
41. Which of the following symptoms of Posttraumatic Stress Disorder (PTSD) are accurate?
- a. Vigilance and aggressive behavior
 - b. Depression and substance abuse
 - c. Suicidal ideation and survivor guilt
 - d. **All of the above**
42. When working with families, staff must be aware of the multiple needs of families and understand:
- a. The devastation associated with the physical injury
 - b. The emotional instability of the family
 - c. The financial burdens associated with care
 - d. **All of the above**
43. There are many stages of recovery for a family when dealing with a loved one who is brain injured. John has been in a hospital/rehab setting for 12 months. It may be expected that his family may be beginning to enter which of the following stages?
- a. **Realism**
 - b. Annoyance
 - c. Helplessness
 - d. Denial
44. When a family member has a brain injury, working family members may have to leave their current career, which often strains:
- a. **Their finances as well as the emotional stability of the family**
 - b. Their finances and friendships
 - c. Their religious beliefs and hobbies
 - d. Their emotions and fears



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45. Staff started screening John's mail since he became more noticeably agitated and angry after receiving mail from his drinking buddy. Which of the following is true?
- a. This is an acceptable practice
 - b. This is a violation of privacy**
 - c. Screening is permitted only for third class mail
 - d. John should not react that way
46. To help manage John's behavior, staff would frequently withhold his dinner. This is:
- a. Good behavior management
 - b. Neglect**
 - c. Exploitation
 - d. Advocacy
47. Which of the following is true of guardianship?
- a. It may be granted if client's IQ is low
 - b. A court must establish it**
 - c. If established, client gives up all legal rights
 - d. Must be approved by the rehabilitation team
48. Competency or capacity is:
- a. A person's ability to complete all self care tasks independently
 - b. A person's ability to go back to school or work
 - c. A person's ability to understand the effect of one's decisions**
 - d. A term to describe a person's level of physical independence
49. Informed consent is:
- a. Always required**
 - b. Optional in a rehabilitation facility
 - c. Needed only if the insurance company requires it
 - d. Required only in government facilities (i.e. VA hospitals)
50. HIPAA standards for BI patients:
- a. Are automatically waived
 - b. Are optional
 - c. Must be followed**
 - d. Are required only if doctor orders

