Dyslexia Test problems set

We are going to building questions set to test whether the patient get dyslexia or not, and the problem set will involve to Language vocab, memory, visual discrimination, audio discrimination and the score obtained from survey.

1. **Language vocabulary test: (each have 0.1 points)**

* **Sentence Completion:**

He bought flowers for his mother to \_\_\_\_\_ her on her birthday.

* A. annoy
* B. ignore
* C. celebrate
* D. surprise

The novel's plot twist was so \_\_\_\_\_ that readers were left in shock.

* A. obvious
* B. predictable
* C. unexpected
* D. ordinary
* **Synonym Identification:**

***Word: Quick***  
Which words are the close synonym?

* A. Slow
* B. Careful
* C. Swift
* D. Loud
* E. Soft
* F. Heavy
* G. Fast
* H. Weak
* I. Tough
* **Answer: C. Swift, G. Fast**

*Word: Resilient*  
Which word is the closest synonym?

* A. Fragile
* B. Durable
* C. Heavy
* D. Destructive
* E. Flexible
* F. Temporary
* G. Strong
* H. Insensitive
* I. Unstable
* Answer: B. Durable

***Word: Calm***  
Which words are the close synonym?

* A. Nervous
* B. Angry
* C. Scared
* D. Relaxed
* E. Loud
* F. Energetic
* G. Confused
* H. Busy
* I. Wild
* Answer: D. Relaxed

Word: *Reclusive*  
Which word is the closest synonym?

* A. Sociable
* B. Outgoing
* C. Isolated
* D. Friendly
* E. Introverted
* F. Reserved
* G. Active
* H. Shy
* I. Distant
* Answer: C. Isolated
* **Antonym Identification:**

Word: *Friendly*  
Which word is the closest antonym?

* A. Kind
* B. Helpful
* C. Angry
* D. Rude
* E. Loud
* F. Calm
* G. Polite
* H. Generous
* I. Happy
* **Answer:** D. Rude

Word: *Sparse*  
Which word is the closest antonym?

* A. Abundant
* B. Thin
* C. Scanty
* D. Minimal
* E. Dense
* F. Plentiful
* G. Ample
* H. Bare
* I. Limited
* **Answer: A. Abundant**

Word: *Bright*  
Which word is the closest antonym?

* A. Shiny
* B. Dull
* C. Clear
* D. Warm
* E. Colorful
* F. Radiant
* G. Dark
* H. Glowing
* I. Vibrant
* J. Sharp
* **Answer: B. Dull**

Word: *Conceal*  
Which word is the closest antonym?

* A. Reveal
* B. Hide
* C. Suppress
* D. Cover
* E. Uncover
* F. Disclose
* G. Mask
* H. Screen
* I. Bury
* J. Withhold
* **Answer: A. Reveal**

1. **Memory:**

* **Immediate Recall: (0.2 points)**

Listen carefully to the following list of words:

*Apple, Lecttuce, House, River, Dog, Book, Cooking, friendship.*

After hearing them, please write down all the word in corrected order:

* Answer:
* **Number Sequence Recall: (0.1)**

Observe this sequence of numbers for 10 seconds:

*7 2 9 4 6 1*

Now, write down the sequence from memory:

* Answer:
* **Story Remarking: (each for 0.1)**

“John went to the market for fresh vegetables and picked up carrots, tomatoes, and lettuce. On his way home, he met his friend Mary, who invited him to dinner. He offered to bring his vegetables, and together they cooked a colorful stir-fry, laughing and sharing stories as they prepared the meal. Their simple dinner turned into a warm evening of good food and friendship, and they decided to make these dinners a regular tradition.”

Please answer follow questions:

* What kinds of vegetables did John buy ?
* Who did John meet on his way home ?
* What kind of meal did they end up making with the vegetables?
* Fill the blank of missing words of the sentence appeared:

“Their simple dinner turned into a warm evening of \_\_\_\_\_ and \_\_\_\_\_,” (each for 0.1)

A. laughter and joy

B. peace and silence

C. good food and friendship

D. kindness and generosity

* **Delayed Recall of Words: (0.1)**

please recall the list of words from question 1:

1. **Visual Discrimination:**

**Letter Identification:** (0.1 for each correct, max is 0.3 for 3 “d”)

On the following line of letters, Count the number of the "d" letters:

*b p q d b d p q b d p q*

* **Spot the Differences: ( 0.4)**

*b p q d*

* **Odd One Out: (0.3)**

1. **○  
   b) ○  
   c) ○  
   d) ■**
2. **Audio Discrimination:**

* **Phoneme Discrimination: (0.1 for each)**

Indicate whether the following word pairs sound the **same** or **different**:

a) "Bat" and "Pat"

b) "Ship" and "Sheep"

c) "Cat" and "Cat"

d) "Light" and "Right"

e) "Thin" and "Tin"

* **Rhyming Words:**

**Rhyming Words: (0.1)**

* Which of the following words rhyme with **"Bake"**?  
  a) Take  
  b) Back  
  c) Lake  
  d) Bike
* **Stress Pattern Identification: (0.1)**

Which syllable is stressed in the word "Photography"?

a) First  
b) Second  
c) Third  
d) Fourth

* **Sentence Repetition: (0.3)**

Listens and writedown following sentence:

*"The quick brown fox jumps over the lazy dog."*

**5. Survey Score:**

**Answer Format:**

For each of the following questions, please select one of the following responses:

* **Yes** (5)
* **Often** (4)
* **Sometimes** (3)
* **Not Often** (2)
* **No** (1)

**Problem Set:**

1. **Reading Difficulty:**
   * Do you often find it difficult to read words or letters in the correct order?
2. **Spelling Challenges:**
   * Do you have trouble spelling common words correctly?
3. **Letter Confusion:**
   * Do you frequently mix up similar-looking letters like **"b"** and **"d"**?
4. **Concentration Issues:**
   * Do you find it hard to concentrate when reading or writing?
5. **Memory of Sequences:**
   * Do you have difficulty remembering sequences such as phone numbers?

**Grading Policy (0 to 1 Scale):**

* **Answer Scoring:**
  + **Yes**: **4 points**
  + **Often**: **3 points**
  + **Sometimes**: **2 points**
  + **Not Often**: **1 point**
  + **No**: **0 points**
* **Total Possible Points:** 20 points (5 questions × 4 points per question)
* **Scaled Score Calculation:**
  + **Raw Score:** Sum of points from all answers (Maximum of 20 points)
  + **Scaled Score (0 to 1):** Divide the raw score by 20