



A Quest Diagnostics Company

# WAHLU CASE CLINIC CHALLENGE



IntelliScript



Hank George, INC.

# THE GROUND RULES

- 10 questions
- Each correct answer = **1 point**
- **1<sup>st</sup> place** – table with highest score
- **2<sup>nd</sup> place** – table with 2<sup>nd</sup> highest score
- **3<sup>rd</sup> place** – table with 3<sup>rd</sup> highest score
- Tiebreaker questions as needed

# THE PAY-OFF

## ***BARNES & NOBLE*** **GIFT CARDS**

- **1<sup>ST</sup> place = \$50 cards**
- **2<sup>nd</sup> place = \$35 cards**
- **3<sup>rd</sup> place = \$20 cards**

**After we have gone through all 10 questions and each table has recorded its answers, we will exchange score cards between tables, review the questions, identify the correct answer and you will check off the correct answers for the folks at the other table.**

# 1

Your applicant has a 1.3 mm cutaneous melanoma.

Which of these aspects of his melanoma is LEAST **SIGNIFICANT** in terms of his insurability?

- A. Ulceration present
- B. Clark Level III
- C. Nodular subtype
- D. Excised from his scalp

**# 2**

Your applicant tests cotinine-positive but claims he uses a nicotine patch for a reason unrelated to smoking.

Which of these explanations is the **LEAST** **CREDIBLE** for using the nicotine patch?

- A. Ulcerative colitis
- B. Tourette syndrome
- C. Crohn disease
- D. Trying to stop using chewing tobacco

# 3

Your 30-year old applicant's father and brother both died of thyroid cancer. He has just been diagnosed with thyroid cancer.

Which kind of thyroid carcinoma is he **MOST LIKELY** to have?

- A. Follicular
- B. Anaplastic
- C. Medullary
- D. Papillary

# 4

Your applicant says he has no medical history. However, he admits to using a herbal remedy called milk thistle (silymarin).

Which of these disorders did he **MOST LIKELY NOT** disclose?

- A. Diabetes
- B. Mild Cognitive Impairment
- C. Hepatitis C
- D. Major Depression



**# 5**

Your applicant has a long history of generalized social anxiety disorder. She was recently diagnosed with a personality disorder.

Which of these personality disorders does she **MOST** **LIKELY** have?

- A. Avoidant
- B. Paranoid
- C. Schizotypal
- D. Antisocial

**# 6**

**Your 46 year old applicant had surgery for coarctation of the aorta when he was young. He also has a second medical condition.**

**Which one of these does he MOST LIKELY have?**

- A. Peyronie Disease**
- B. Tricuspid Stenosis**
- C. Bicuspid Aortic Valve**
- D. Hypoplastic Left Ventricle**

**# 7**

**Your applicant has a history of depression and suicidal ideation. She is now trying to quit smoking.**

**Which of these potential interventions would MOST CONCERN YOU in this context?**

- A. Bupropion (Zyban)**
- B. Varenicline (Chantix)**
- C. Nortriptyline (Pamelor)**
- D. Switch to E-cigarettes**

**# 8**

**Your applicant is a thin 22 year woman with bilateral parotiditis and dental enamel erosion. She also had an acute upper GI bleed caused by a Mallory-Weiss tear.**

**Which of these is her MOST LIKELY diagnosis?**

- A. Alcoholism**
- B. Nighttime Eating Disorder**
- C. Anorexia nervosa**
- D. Bulimia Nervosa**

**# 9**

**Your 31 year old applicant complains of morning stiffness in her hands and has enlarged proximal interphalangeal joints bilaterally.**

**Which of these is the MOST LIKELY diagnosis?**

- A. Osteoarthritis**
- B. Scleroderma**
- C. Rheumatoid Arthritis**
- D. Dupuytren Contractures**

**# 10**

**You applicant confesses to drinking 12 to 16 cups of black caffeinated coffee each day.**

**Which of the following substances is MOST LIKELY to be found in her urine?**

- A. Sugar**
- B. Cotinine**
- C. Creatinine**
- D. White Blood Cells**

# *Answer Key*

- #1 – B
- #2 – C
- #3 – C
- #4 – C
- #5 – A
- #6 – C
- #7 – B
- #8 – D
- #9 – C
- #10 – C

# **Extra Questions for Tiebreakers**



**Tiebreaker # 1**

**In the absence of more information,  
which of these applicants is  
LEAST LIKELY to have a  
positive cotinine test?**

- A. Daily betel nut user**
- B. 5 cigarettes/day “ultra light” smoker**
- C. 3 times per week water pipe user**
- D. Moist snuff user**

## Tiebreaker # 2

**Congratulations!**

You approved 4 applicants with metastatic cancer 😊

Which of them is **LEAST LIKELY** to be cured?

- A. Infant with stage IV-S neuroblastoma
- B. Female with choriocarcinoma and bilateral pulmonary metastases, discovered after evacuating a hydatidiform mole
- c. Male with metastatic cutaneous basal cell carcinoma
- D. Female with Stage IV-A Hodgkin lymphoma

### Tiebreaker # 3

Your 44 year old applicant had an hepatic ultrasound showed a “bright liver.”

Which condition does he **MOST LIKELY** have?

- A. Hepatocellular adenomatosis
- B. Biliary cirrhosis
- C. Focal nodular hyperplasia
- D. Steatosis of unknown etiology

## Tiebreaker # 4

Your 73 year old applicant was told she is at increased risk for a diagnosis of leukemia over the next decade.

Which of these hematological disorders does she **LEAST LIKELY** have at this time?

- A. Myelodysplastic syndrome
- B. Essential thrombocythemia
- C. Monoclonal gammopathy of uncertain significance
- D. Monoclonal B-cell lymphocytosis

## Tiebreaker # 5

Your applicant had a biopsy of what appeared to be a solitary benign skin tumor. However, an opinion from an expert pathologist determined it is malignant.

The doctor said the applicant's odds of 5-year survival are < 50%.

Which of these was **MOST LIKELY** diagnosed?

- A. Merkel cell carcinoma
- B. Mycosis fungoides
- C. Squamous cell carcinoma
- D. 0.44 mm superficial-spreading melanoma

## Tiebreaker # 6

Your applicant is a 58 year old businesswoman who recently cleared a long bankruptcy. She went to the ER with severe substernal chest pain arising during a heated conversation with the IRS.

The ECG was abnormal. Troponin T was slightly elevated. CK-MB was negative. She was admitted to the hospital but claims she was told 3 days later that she did not have a heart attack.

Which of these diagnoses is **MOST LIKELY** in this case?

- A. Plummer-Vinson syndrome
- B. Endocarditis
- C. Takotsubo cardiomyopathy
- D. Right atrial myxoma

**Tiebreaker # 7**

Which of these factors is likely to be **MOST** **SIGNIFICANT** if an applicant has just seen his doctor because of an enlarged lymph node?

- A. It is painful
- B. It is located at the elbow
- C. It is 0.50 centimeters in diameter
- D. Your applicant says it appeared quite suddenly

# *Tiebreaker Answer Key*

- #1 – A
- #2 – C
- #3 – D
- #4 – C
- #5 – A
- #6 – C
- #7 – B