



Sarasas Witaed Chiang Mai School  
6<sup>th</sup> QC Study Questions (Bilingual)  
Semester 1 Academic Year 2017  
Grade 11

**TOEIC:**

- How many waiters should we schedule for the banquet?  
a. **We'll need 25.**  
c. I have to go to the bank.  
b. They shouldn't have to wait long.  
d. Yes, we will.
- How soon will these shirts be ready?  
a. They don't fit you well.  
c. These are very dirty.  
b. **You can pick them up next Tuesday.**  
d. I'm ready now
- How heavy is the package?  
a. It doesn't have enough postage.  
c. Packages are heavy sometimes.  
b. It arrived this morning.  
d. **It weighs too much for one person to lift.**
- How did you find the error?  
a. **I had our accountant go over everything.**  
c. The airline is very small.  
b. I found it in the closet.  
d. In the statements.
- How high is the building?  
a. It has very nice offices.  
c. **It's 18 stories tall.**  
b. It's on Main Street.  
d. He is about 1.75 meters tall.

**Mathematics:**

- The two row matrices  $A = (4 \ 5)$  and  $B = (y \ x+1)$  are equal. What is the value of  $x$ ?  
a. 3                      b. **4**                      c. 5                      d. 6
- Find the sum :  $1011_2 + 11_2$  ( $1011_2$  is read as "one-zero-one-one base 2")  
a.  $1101_2$               b.  $1001_2$               c.  $1110_2$               d.  $1011_2$
- The two column matrices  $C = (x+2 \ 6)$  and  $D = (5 \ 6)$  are equal. What is the value of  $x$ ?  
a. **3**                      b. 4                      c. 5                      d. 6
- Find the sum :  $27_8 + 35_8$   
a.  $52_8$                       b.  $56_8$                       c.  $62_8$                       d.  $64_8$
- Write 35 in base 5?  
a.  $100_5$                       b.  $110_5$                       c.  $115_5$                       d.  $120_5$

### Science :

1. Electrical resistance is measured in \_\_\_\_\_.  
a. ampere                      **b. ohms**                      c. voltage                      d. decibel
2. Which of the following is not a role of a resistor?  
a. limit current flow in a circuit                      b. lower voltage levels in circuits  
c. a sensor                      **d. allow free flow of current**
3. Resistors can be made of \_\_\_\_\_.  
a. gold                      b. silver                      **c. carbon film**                      d. copper
4. Which of the following will make a poor resistor?  
a. ceramic                      b. carbon powder                      c. metal oxides                      **d. gold**
5. The current through a resistor is directly proportional to the \_\_\_\_\_ across it.  
**a. voltage**                      b. resistance                      c. heat                      d. purity

### Social Studies :

1. Consciousness is defined as our subjective awareness of ourselves and our environment. Which of the following is a synonym of the word subjective?  
**a. personal**                      b. political                      c. objective                      d. truthful
2. Present-day psychologists distinguish between *automatic* and *controlled* behaviors. Which of the two behaviors is said to be the conscious one?  
a. automatic                      **b. controlled**                      c. a and b                      d. none of a and b
3. The French philosopher René Descartes was a proponent of \_\_\_\_\_.  
a. psychoanalysis                      **b. dualism**                      c. functionalism                      d. structuralism
4. Because the brain varies in its current level and type of activity, consciousness is transitory. The word transitory means \_\_\_\_\_.  
a. permanent                      b. frequent                      **c. temporary**                      d. abnormal
5. Which of the following may alter our consciousness?  
a. food                      b. alcohol                      c. medicine                      **d. a, b and c**