

## EXAMPLE EXAMINATION

### Philosophy:

**1. Our conscience tells us something is wrong:**

- a. Because we feel uneasy.
- b. Because other people don't like it.
- c. Because of the consequences.

**d. When we do it.**

**2. "Legal" is a synonym of:**

- a. Good.
- b. Fair.
- c. **Juridical.**
- d. Natural.

**3. Which expression is not related to Nietzsche?:**

- a. The will to power.
- b. Superman.
- c. Man is social by nature.
- d. **Morality raises life to a higher level.**

### Language:

**1. Which of the following sentences is grammatically incorrect?:**

- a. Lucharemos porque todo salga bien.
- b. No sé el por qué de su actitud.

**c. Si no vienes no iremos ninguno.**

d. ¡Conque esas tenemos!

2. In the sentence, “My friend Laura is a painter,” what is the syntactical function of the word “painter”?:

- a. **Predicative expression.**
- b. Circumstantial adverb.
- c. Direct object.
- d. Predicate.

3. A synonym of “unprecedented” is:

- a. Intolerable.
- b. Indestructible.
- c. Atrocious.
- d. **Unheard of.**

**Literature:**

1. Composite verse has:

- a. Two hemistichs.
- b. A caesura.
- c. Twelve or more syllables.
- d. **All of the above answers are correct.**

2. One of the lyrical innovations of the Spanish Renaissance is:

- a. **The use of the eleven-syllable line.**
- b. The discontinuation of the use of clichés such as Beatus ille.
- c. The theme of romantic love.
- d. None of the above.

3. What is another name for natural rhyme in Medieval Spanish literature?:

- a. **Feminine rhyme.**
- b. Masculine rhyme.
- c. Total rhyme.
- d. Homogeneous rhyme.

## Mathematics:

1. A young boy has to buy white T-shirts, which cost 2 euros, and black T-shirts, which cost 3 euros. He has only 20 euros to spend and has to buy more white T-shirts than black shirts. Also, the number of white T-shirts plus one has to be less than twice the number of black T-shirts. Which of the following options meets the terms indicated?:

  - a. 5 white and 4 black.
  - b. 3 white and 4 black.
  - c. 4 white and 3 black.
  - d. 7 white and 2 black.
2. How many real solutions does this equation have:  $x^3 - x^2 + 3x - 3 = 0$ ?:

  - a. None.
  - b. One.
  - c. Two.
  - d. Three.
3. Calculate the percentage increase of oil for Europeans if oil is paid for in dollars and it was initially 40 dollars a barrel, but is now 90 dollars and the previous exchange rate was one euro to the dollar and now one euro is worth 1.5 dollars.

  - a. 133%.
  - b. 33%.
  - c. 150%.
  - d. 50%.