Module 1

Name:

(1) Which one of the following color systems is subtractive? (10 pts)

1. HSV
2. CMYK
3. RGB
4. None of the above

Answer:

(2) OpenCv stores RGB color images in an array with how many dimensions? (10 pts)

1. Three dimensional
2. One dimensional
3. Two dimensional
4. None of the above

Answer:

(3) Image data is imported by OpenCv in what data type? (10 pts)

1. Signed 16 bit integer
2. 64 bit floating point number
3. Unsigned 8 bit integer
4. None of the above

Answer:

(4) The following pixel grid is stored in a 3D array, what is the array position of the number 60? (10 pts)

55,100,200	74,124,100	89,210,10
124,74,191	174,43,34	201,142,60
191,50,10	215,111,84	245,139,81

1. [2][2][2]
2. [1][2][3]
3. [1][2][2]
4. [2][2][1]
5. None of the above

Answer: