Worksheet 1

Name: ....

Roll No: .... Class: .... Section: ....

Date: ....

COMPUTER VISION

1. Choose the correct option.

(a) .... means giving the ability to the computer to see the world just like humans.

   (i) Computer Vision   (ii) Artificial Intelligence

   (iii) Human Vision   (iv) All of these

(b) Which of the following is not an example of Computer Vision?

   (i) Facial Recognition   (ii) Face Filters

   (iii) Surveillance Cameras   (iv) Siri

(c) Which of the following is the process of finding out the class/category of the input image?

   (i) Object Detection   (ii) Localisation

   (iii) Classification   (iv) Instance Segmentation

(d) Which of the following is the smallest unit of information in a digital image?

   (i) Pixel   (ii) Megapixel

   (iii) Both (i) and (ii)   (iv) None of these

2. Define the following:

(a) Instance Segmentation

....

....

(b) OpenCV

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....

(c) imread() Function

....

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Class -10   Part B

Grade: ★ ★ ★ ★ ★

Teacher's Signature: ....