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| Student: _____ | Name: _____ | Section: _____ |

Q1: A software project named vehicle detection & classification using CNN is assigned to students for detecting vehicles from a given image. The identified tasks are input image, extract features, generate feature maps, generate region boundaries, perform pooling, and detect an object. The requirements of the system may change, for example a module could be added in future which says the objects should be classified whether it's a car or a truck or any other vehicle.
What do you think which process model would be used to develop this solution. [3]

Q2.
- Elaborate the working of the Scrum technique. [2]
- ABC Co. is an organization that design Smart Gadgets to make life easier. They are said to be the pioneers of Smart fit bands and Smart Air Purifiers. They have an organized working Environment having proper teams for different kind of projects that provides smart home solutions. At what level of Capability Maturity Model is ABC Co. operating. Give valid reasons for your answer. [2]

Q3. Give brief answers:
- Why pair programming is not a practical solution & not adopted by the organizations. [1]
- How user stories & task cards approach for requirements' elicitation is advantageous or disadvantageous. [2]