

My CS504 paper on dated 17-5-2011

Question: A vehicle has several parts such as the set of wheels and the engine. Busses and Cars are examples of same vehicles found on the road, consider the following classes.

- (i) engine and vehicle
- (ii) vehicle and car
- (iii) vehicle and road

Name then the (i), (ii), (iii) with composition, inheritance, association. Marks 2

Question: Provide at least two (2) example attributes that may be expected in "Student" objects? Marks 2

Question: What is the purpose of collaboration diagram? Marks 3

Question: What is the difference between Aggregation and Association? Marks 3

Question: What activities are performances at software design stage? Marks 5

Question: Discuss the comparison between sequence and collaboration diagrams? Marks 5