Exercise 8- Suspension and Chassis

Read and refer to Chapter 9 Suspension and Chassis, Pages 152-163 to help you answer the questions below.

Select a front and rear suspension for your concept. Look at the functional objectives and prioritize the following: (*1 the most important, 7 the least*):

On-road handling: _____ Off-road capability: _____ High GVW: _____
Package efficiency: _____ Ride Comfort: _____ Exterior Design: _____
Cost: _____

Based on the priorities, choose the appropriate systems and describe the following:

Front- system name or mechanism and Spring type:

_____
_____
_____

Rear- system name or mechanism and Spring type:

_____
_____
_____

Suspension travel dimension front and rear (curb attitude to full jounce):

_____
_____
_____

Steering System::

_____
_____
_____

Braking System::

_____
_____
_____