

This is a purely individual assignment. Prepare your answers to the following questions in a plain ASCII text file. Submissions in any other format will not be graded. Submit your file to the Curator system by the posted deadline for this assignment. No late submissions will be accepted. No other formats will be graded.

You will submit your answers to the Curator System (www.cs.vt.edu/curator) under the heading OOC06.

For each question, describe an analogic relationship between the given pair of words by stating a relationship sentence (see the notes), and choose a pair of words from the given list of candidates that the most accurately possesses the same relationship. (It is perfectly acceptable for you to consult a dictionary if you like.)

- | | Given pair | Candidate pairs |
|----------------|------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 1. [10 points] | telescope : astronomer | picture : artist
environment : ecologist
microscope : biologist
element : chemist
movie : director |
| 2. [10 points] | matrix : number | gas : molecule
act : opera
honeycomb : cell
atom : crystal
cast : actor |
| 3. [10 points] | horse : mare | cat : kitten
bull : cow
animal : goat
human : woman
species : gender |
| 4. [10 points] | invincible : subdued | persuasive : convinced
impossible : taken
invisible : overlooked
despicable : contented
impervious : damaged |
| 5. [10 points] | elbow : arm | hip : leg
jaw : skull
neck : cranium
knee : leg
lens : eye |
| 6. [10 points] | curiosity : know | temptation : conquer
starvation : eat
wanderlust : travel
humor : laugh
survival : live |
| 7. [10 points] | fragile : break | invisible : see
erratic : control
flammable : burn
noxious : escape
industrial : manufacture |

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8. [10 points] stygian : dark
abysmal : low
cogent : contentious
fortuitous : accidental
reckless : threatening
cataclysmic : doomed
9. [10 points] sedative : drowsiness
epidemic : contagiousness
vaccine : virus
laxative : drug
anesthetic : numbness
therapy : psychosis
10. [10 points] antidote : poison
cure : recovery
narcotic : sleep
stimulant : relapse
salve : sunburn
resuscitation : breathing