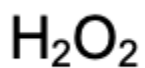


(Covalent bonding and simple molecules)

Q1. (2018)

small molecule

Q2.a)(2018)



Q2.b)(2018)

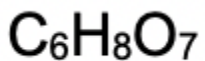
covalent

Q3.(2019)

**1 bonding pair of electrons in
the right hand overlap**

**4 non-bonding electrons on
oxygen**

Q4. a) (2020)



Q4. b) (2020)

covalent

Q5. (2020)

shows (single and) double bonds

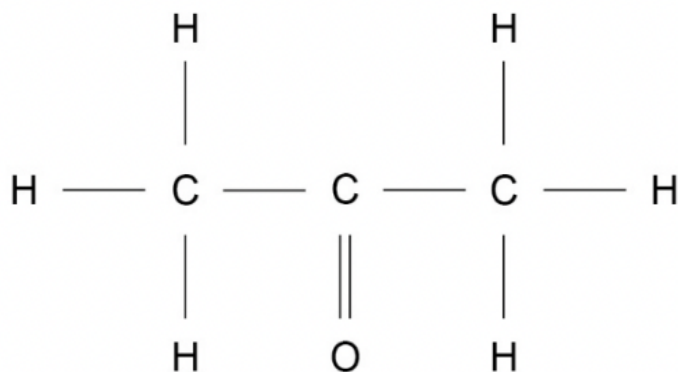
shows which atoms are which element

Q6. (2020)

poly(ethene)

water

Q7.a)(2021)



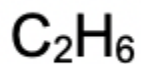
Q7.b)(2021)



Q7.c)(2021)

the intermolecular forces are weak

Q8.(2022)

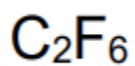


Q9. (2022)

(nitrogen) 2 / two

(oxygen) 1 / one

Q10.(2024)



Q11. (2024)

only intermolecular forces are
weak