

(Metals and non-metals)

Q1. (2018)

any **two** from:

- iron has a high(er) melting / boiling point
- iron is dense(r)
- iron is hard(er)
- iron is strong(er)
- iron is less reactive
- iron has ions with different charges
- iron forms coloured compounds
- iron can be a catalyst

Q2. (2019)

transition metals

Q3. (2020)

they form ions with different charges

they have high melting points

Q4.a) (2021)

non-metallic element

Q4.b) (2021)

compound

Q5.(2022)

element

Q6.a)(2022)

D

Q6.b)(2022)

B

Q7. (2023)

element

Q.8(2023)

any one from:

- unreactive

- appearance

- easily shaped

Q9.(2023)

copper is harder

copper is less reactive

Q10.(2023)

- copper is the better conductor
- so heats food more quickly
- copper has the higher density
- so the pan is heavier
- copper costs more per kilogram
- so the pan is more expensive to buy
- simple judgement

Q11.(2024)

sections **A**, **B** and **C**

Q12.(2024)

can be bent and shaped

good conductor of electricity