

**CBSE Class 8 Science**  
**NCERT Exemplar Solutions**  
**CHAPTER 4**  
**Materials: Metals and Non-Metals**

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**VERY SHORT ANSWER QUESTIONS**

**13. Name two soft metals which can be cut with a knife.**

**Ans.** (i) sodium (ii) potassium

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**14. Which non-metal is essential for our life and all living beings inhale it during breathing?**

**Ans.** Oxygen gas

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**15. Name two major non-metals which are present in fertilisers and enhance the growth of plants.**

**Ans.** (i) nitrogen (ii) phosphorus

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**16. Which non-metal is used to disinfect water?**

**Ans.** Chlorine

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**17. A purple coloured non-metal forms a brown solution in alcohol which is applied on wounds as an antiseptic. Name the nonmetal.**

**Ans.** iodine

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**18. Zinc sulphate forms a colourless solution in water. Will you observe any colour on adding copper turning in it?**

**Ans.** No, because displacement reaction does not take place.

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**19. Why are bells made of metals?**

**Ans.** Bells are made of metal because metals are sonorous(produce sound while strick on it).

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**20. Which liquid metal is used for making thermometers?**

**Ans.** Mercury

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**21. Which of the following metals can displace the other two metals from their salt solutions?**

**zinc, iron, copper**

**Ans.** Zinc