

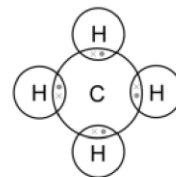
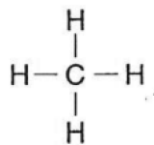
GCSE Chemistry A (Gateway Science)

J248/01 Chemistry A C1-C3 and C7 (Foundation Tier)

Question Set 11

1 Methane has the formula, CH₄.

Look at the representations of methane.



ball and stick model

displayed formula

dot and cross diagram

Describe the limitations of a **displayed** formula.

It does not tell the spatial arrangement of CH₄ like ball and stick model (2D not 3D) and the bond angles are incorrect [2]

Total Marks for Question Set 11: 2

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