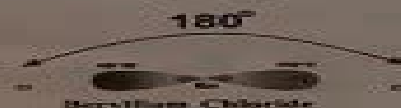


-

- Ⓐ Which one of the following decreases in a group from top to bottom?

7. Which type of hybridisation takes place in 'Be' in the given diagram?



-

SECTION - II

Note: 1) Answer ALL the questions.

2) Each question carries 2 marks.

3 - 2 = 6 M

9. In a classroom four students measured focal length of a given lens experimentally. They got the values as 12.1 cm, 12.2 cm, 12.05 cm, 12.3 cm respectively. They discussed reasons for getting different values. Explain the reasons.
10. Pose any two questions to understand the difference between valency and valency electrons.
11. Explain, why bonding angle (H-O-H) in water is $104^{\circ} 31'$ instead of $109^{\circ} 28'$.

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