Solutions

2.1

- Nasal retinal fibres – each carries the TEMPORAL field ✓.

2.2

- Left homonymous hemianopia ✓.

2.3

- The base ✓.

3.1

- Left homonymous hemianopia: 'homonymous' = same half of each eye's field; 'left' = the lost side; lesion RIGHT of the chiasm ✓.
- Field word order encodes side and level – behind the chiasm = contralateral ✓.
- Meyer's loop (temporal, inferior fibres) carries superior fields: a LEFT superior quadrantanopia ✓.
- (Corresponding inferior quadrantanopia would be parietal fibres.)

3.2

- Air lost, bone kept, Weber to the LEFT = conductive loss, left middle ear ✓.
- Sensorineural: air and bone both reduced; Weber lateralises to the BETTER (right) ear ✓.
- Tonotopy: base transduces highs, apex lows – a high-frequency notch points to the base ✓.