6.5.2 Diagnostic methods in medicine

1. medical tracers; technetium–99m and fluorine–18

2. gamma camera; components – collimator, scintillator, photomultiplier tubes, computer and display; formation of image

3. diagnosis using gamma camera

4. positron emission tomography (PET) scanner; annihilation of positron–electron pairs; formation of image

5. diagnosis using PET scanning.