

Type:-MCQ

Q1. He-Ne laser is a-----

1. three level laser
2. four level laser
3. two level laser
4. five level laser

Q2. BCS theory is a quantum mechanical concept which is based on the formation of

_____inside the superconductor.

1. Loan pair
2. Cooper pair
3. Hole
4. Cavity

Q3. The spin –Spin relaxation is described by_____

1. Longitudinal Relaxation
2. Transverse Relaxation
3. Singlet Relaxation
4. Mutilate Relaxation

Q4. _____ is used as a standard in NMR spectroscopy.

1. Di-phenyl carbazide
2. Chloroform
3. Benzene
4. Tetramethyl silane (TMS)

Q5. In NMR spectroscopy, sample nuclei absorb electromagnetic radiation in_____ region.

1. Radiofrequency
2. IR radiation
3. X- rays
4. Microwave

Q6. The Mossbauer Spectroscopy uses -----radiation.

1. γ radiation
2. β Radiation

3. Θ Radiation

4. ϵ Radiation

Q7. The Mossbauer effect based on

1. Doppler effect

2. Beer-Lamberts law

3. Mossier effect

4. Spin effect

Q8. ESR Spectroscopy uses -----radiation.

1. Visible radiation

2. Microwave radiation

3. Radio wave

4. UV radiation

Q9. The concise statement written in research is called as -----

1. Abstract

2. Thesis

3. Note

4. Research paper

Q10. In research, review of literature is also called as -----

1. Abstract

2. Literature survey

3. Paper

4. News