

| Q.No | Question Content | Question Image | Category | Sub Category | Marks | Options Randomization | Type | Difficulty |
|------|----------------------------------------------------------------------------------------|----------------|--------------------------|--------------|-------|-----------------------|------------|------------|
| 9 | What are missing orders in a double slit diffraction pattern? | | Attempt any 10 questions | 10 x 3=30 | 3 | | Subjective | Brilliant |
| 10 | Derive an expression for conductivity of a semiconductor. | | Attempt any 10 questions | 10 x 3=30 | 3 | | Subjective | Smart |
| 11 | What is Fermi level? | | Attempt any 10 questions | 10 x 3=30 | 3 | | Subjective | Smart |
| 12 | Write the applications of solar cell. | | Attempt any 10 questions | 10 x 3=30 | 3 | | Subjective | Smart |
| 13 | What is the full form of LASER? Explain the basic principle of Laser. | | Attempt any 10 questions | 10 x 3=30 | 3 | | Subjective | Smart |
| 14 | What is Attenuation? | | Attempt any 10 questions | 10 x 3=30 | 3 | | Subjective | Smart |
| 15 | What is the Basic principle of optical fiber? Give some applications of optical fiber. | | Attempt any 10 questions | 10 x 3=30 | 3 | | Subjective | Smart |