

७ ७ € ... 1 1 72%





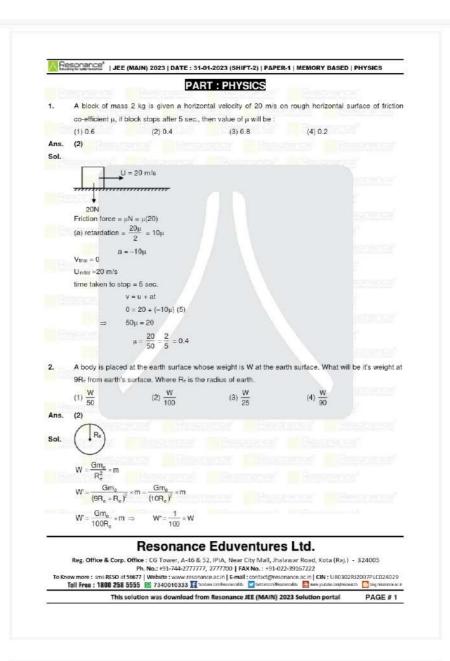
resonance.ac.in/ansv



**(3)** 

:





3. Find speed of sound wave in a steel rod of Young's modulus 32 × 10<sup>11</sup> N/m<sup>2</sup> and density 8 × 10<sup>3</sup> kg/m<sup>3</sup>.

© Resonance Eduventures Limited | Toll-Free 1800-258-

5555 | (0)744 2777777, 2777700 |

contact@resonance.ac.in | CIN -





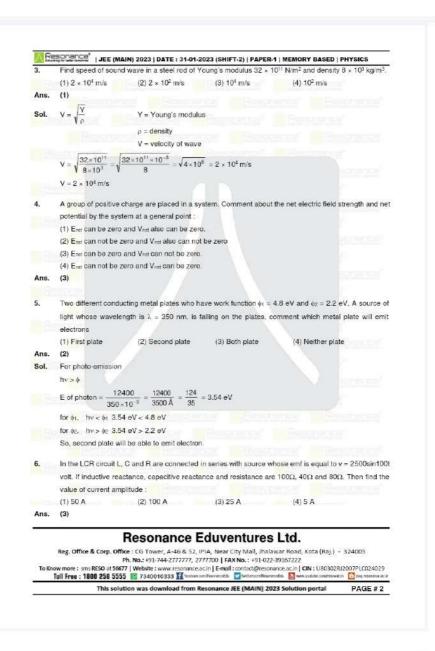
resonance.ac.in/answ



(3)

:





Resonance\* | JEE (MAIN) 2023 | DATE : 31-01-2023 (SHIFT-2) | PAPER-1 | MEMORY BASED | PHYSICS Sol. V<sub>0</sub> = [gZ

© Resonance Eduventures Limited | Toll-Free 1800-258-

5555 | (0)744 2777777, 2777700 |

contact@resonance.ac.in | CIN -



© ♥ € ...I 🗎 72%





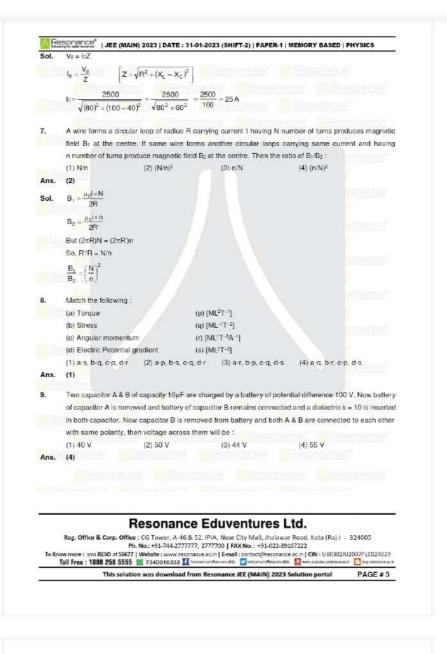
resonance.ac.in/answ

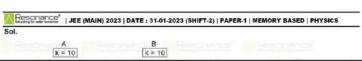


3









© Resonance Eduventures Limited | Toll-Free 1800-258-

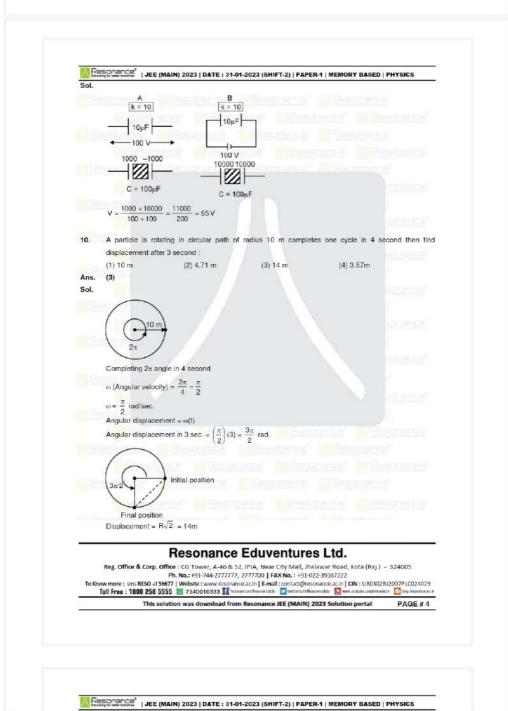
5555 | (0)744 2777777, 2777700 |

contact@resonance.ac.in | CIN -









© Resonance Eduventures Limited | Toll-Free 1800-258-

5555 | (0)744 2777777, 2777700 |

contact@resonance.ac.in | CIN -







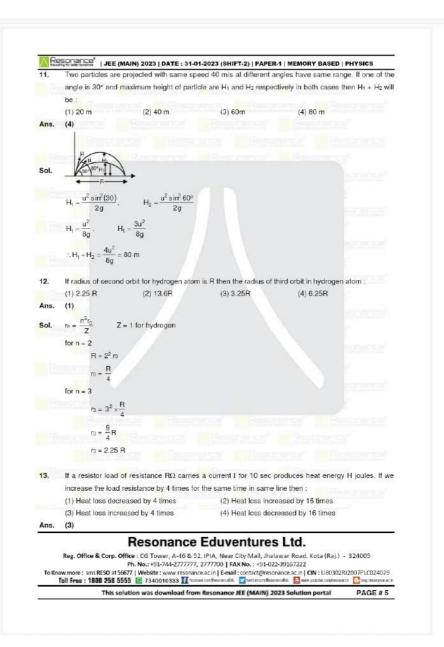
resonance.ac.in/answ



3

:

## S SCRIBD



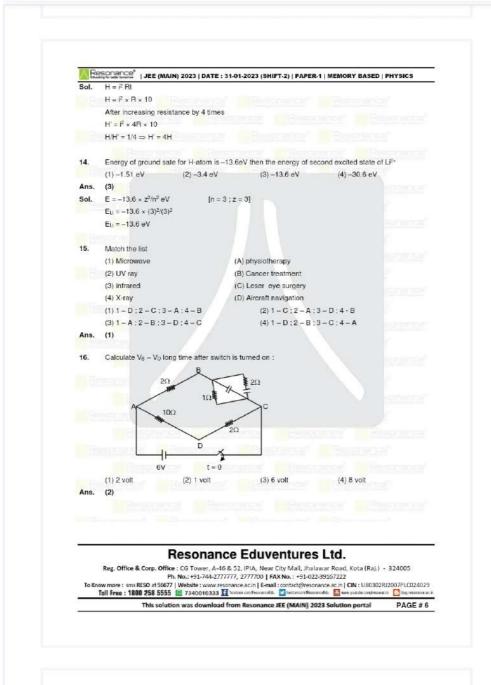
RESCORDES | JEE (MAIN) 2023 | DATE : 31-01-2023 (SHIFT-2) | PAPER-1 | MEMORY BASED | PHYSICS Sol. H = F Rt

© Resonance Eduventures Limited | Toll-Free 1800-258-

5555 | (0)744 2777777, 2777700 |

contact@resonance.ac.in | CIN -







© Resonance Eduventures Limited | Toll-Free 1800-258-

5555 | (0)744 2777777, 2777700 |

contact@resonance.ac.in | CIN -

## Resonance | JEE (MAIN) 2023 | DATE : 31-01-2023 (SHIFT-2) | PAPER-1 | MEMORY BASED | PHYSICS $\Rightarrow$ V<sub>B</sub> - V<sub>D</sub> = 1V Assertion (A): Transistor in general, all three regions are equally dropped Reason (R): Base is thinnest and collector is thickest (1) Both (A) and (R) are true and (R) is the correct explanation of (A) (2) Both (A) and (R) true but (R) is NOT the correct explanation of (A) (3) (A) is true but (R) is false. (4) (A) is false but (R) is true. Sol. Assertion (A) is false but Reason (R) is true. A ball of mass 1 kg is hanging from 1 m long inextensible string which can withstand maximum tension of 400 N. Find the maximum speed u given to the ball will be (1) √390 m/s (4) 22 m/s Sol. $400 = 1 \cdot 10 + \frac{u^2}{1}$

### Resonance Eduventures Ltd.

This solution was download from Resonance JEE (MAIN) 2023 Solution portal

PAGE # 7

RESOLDENCE: | JEE (MAIN) 2023 | DATE : 31-01-2023 (SHIFT-2) | PAPER-1 | MEMORY BASED | PHYSICS

19. In an adiabatic process ratio of initial pressure to final pressure is  $\frac{81}{16}$  and ratio of final volume to initial

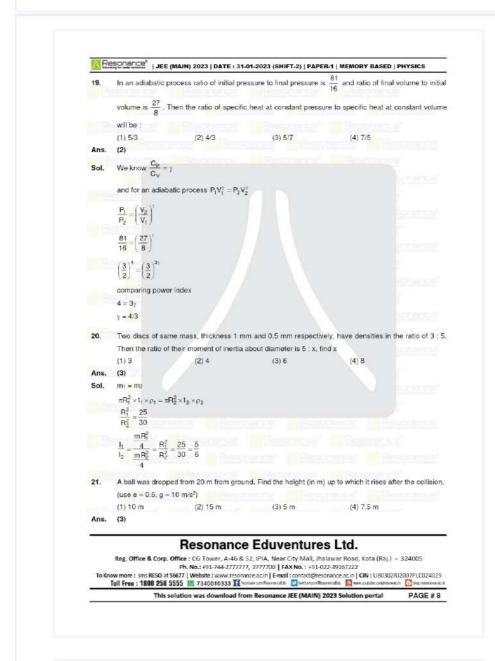
volume is  $\frac{27}{8}$ . Then the ratio of specific heat at constant pressure to specific heat at constant volume

© Resonance Eduventures Limited | Toll-Free 1800-258-

5555 | (0)744 2777777, 2777700 |

contact@resonance.ac.in | CIN -





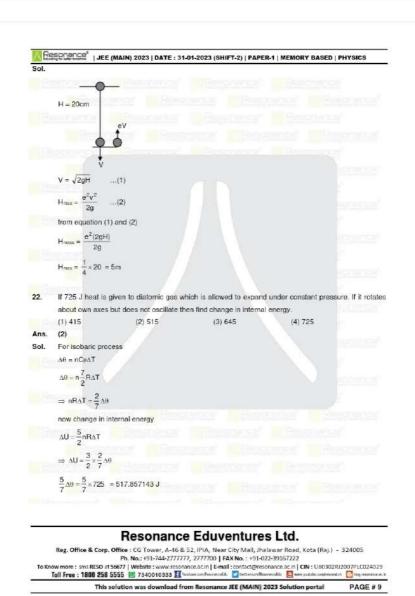


© Resonance Eduventures Limited | Toll-Free 1800-258-

5555 | (0)744 2777777, 2777700 |

contact@resonance.ac.in | CIN -

# S SCRIBD



Resonance\* | JEE (MAIN) 2023 | DATE : 31-01-2023 (SHIFT-2) | PAPER-1 | MEMORY BASED | PHYSICS  $y_1 = 10 \sin(\omega t + \frac{\pi}{3})$ 

© Resonance Eduventures Limited | Toll-Free 1800-258-

5555 | (0)744 2777777, 2777700 |

contact@resonance.ac.in | CIN -



Ph. No.: +91-744-2777777, 2777700 | FAX No.: +91-022-39167222

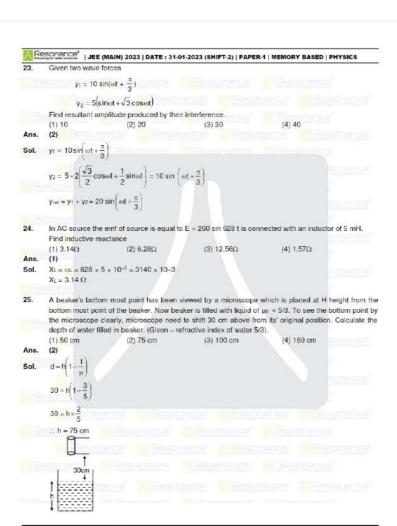
now more : sms RESO at 56677 | Website : www.resonance.ac.in | E-mail : contact@resonance.ac.in | CIN : U80302RJ2007PLC024029

Toll Free : 1800 256 5555 

3340010333 

the states conference of the state of the sta

This solution was download from Resonance JEE (MAIN) 2023 Solution portal



#### Resonance Eduventures Ltd.

This solution was download from Resonance JEE (MAIN) 2023 Solution portal

© Resonance Eduventures Limited | Toll-Free 1800-258-

5555 | (0)744 2777777, 2777700 |

contact@resonance.ac.in | CIN -