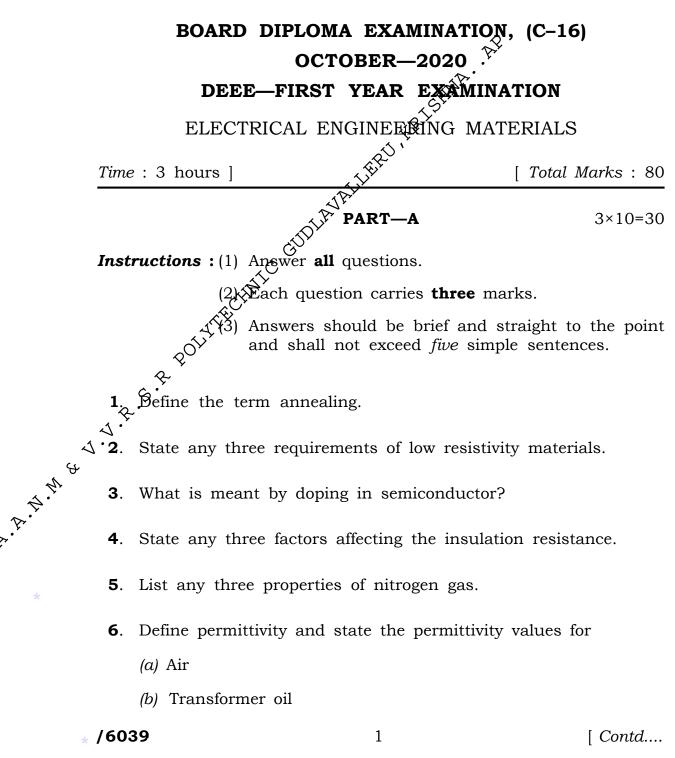


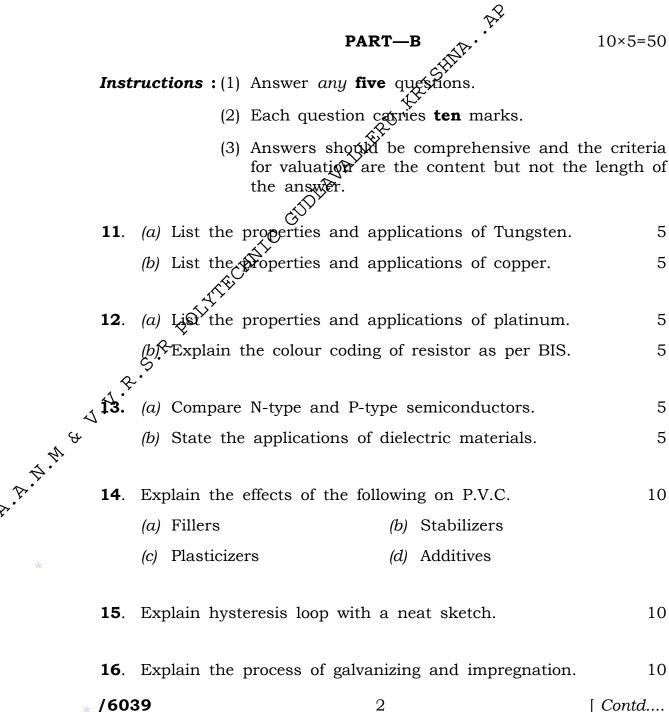
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What is meant by eddy current loss? 7.

State the advantages of enamel coated copper wire. 8.

- Define ampere-hour efficiency and watt-hour efficiency. 9.
- **10**. State the indications of fully charged lead-acid battery.



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[ Contd....

- Explain the construction of lead-acid battery with a neat 17. sketch.
- (a) Write the chemical reactions during charging and 18. discharging of nickel-iron cell.
- (b) An alkaline cell is discharged at a steady current of 4A for 12 hours, the average terminal voltage being 1.2 volt. anarg i.red, th i.cy which i.cy w To restore to its original state of charge Sa steady current of 3 amp for 20 hours is required, the terminal voltage

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