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|  | G.S.Mandal‘s  **Marathwada Institute of Technology, Aurangabad.**  **Department of Electrical and Electronics Engg.** |

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**Electric Traction Question Bank**

Q.1) Explain the requirement for ideal traction & show which drive satisfy almost all the requirments.

Q.2) Distinguish between Battery Drive and hybrid drive.

Q.3) Write a Short note on signaling interference in tele-communication lines.

Q.4) Explain in detail Traction Substation with neat circuit diagram.

Q.5) Expalin Desirable characterstics of traction motors.

Q.6) Explain in detail why shunt motor is not suitable for traction duties?

Q.7) Write a short note on Dead man’s handle.

Q.8) Write a short note on use of metadyne & megavolt.

Q.9) Explain factors affecting on scheduled speed of locomotives.

Q.10) Explain all Mechanical Breaking used in Traction system.

Q.11) Explain Vapour compression refrigeration system with neat figure.

Q.12) Explain Central Air Conditioning system in detail.