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| **Unit - II** | | |
| 1 | Explain the motivation behind Electronic Engine Control. | 157 |
| 2 | With a neat diagram and equation, explain how throttle regulates the power produced by the engine. | 163 |
| 3 | With a neat block diagram, explain a Generic Electronic Engine Control System. | 165 |
| 4 | With a neat diagram, explain engine functions and control. | 166 |
| 5 | Define Parameters and Variables. With neat diagrams, list out major controller inputs from and outputs to engine. | 167 |
| 6 | Define the terms to describe an engine’s performance: Power, BSFC, Torque, Volumetric Efficiency, Thermal Efficiency and Calibration | 168 |
| 7 | With a neat block diagram, explain Electronic Fuel Control System. | 177 |
| 8 | With a neat block diagram, explain the step-by-step process of events in Fuel Control System. | 180 |
| 9 | With a neat diagram, explain Electronic Ignition System. | 193 |
| 10 | With a neat block diagram, explain a typical Electronic Engine Control System, showing relevant sensors. | 199 |
| 11 | Briefly explain various variables to be measured in engine control. | 201 |
| 12 | With a typical circuit diagram, explain a Coolant Temperature Sensor. | 219 |
| 13 | With desirable characteristics, explain Exhaust Gas Oxygen Sensor. | 220 |
| 14 | With a neat schematic of a Solenoid, explain Engine Control Actuators. | 227 |
| **Unit - IV** | | |
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