

1. An automobile engine piston has been damaged by a lack of lubrication between the piston and the cylinder wall. After dismantling the piston from the engine, scoring marks were noticed on the skirt of the piston. Describe how such a lubrication failure may have arisen. What effect would the clearance between the piston and the cylinder have on lubrication
2. List various causes that lead to overheating of engines? Explain any one reason in detail
3. Discuss the inspection and reconditioning work procedure for the cylinder block