

# AUTOMOTIVE ENGINEERING

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**Q1.** For which of the following reason(s) is it advisable to lubricate all the moving parts of an engine?

- A. To increase velocity
- B. To reduce friction
- C. To increase friction
- D. To reduce velocity

- Only A
- Only B
- Both A and C
- Both A and D

**Q2.** In a clutch system, when the friction plate is pressed by the pressure plate, a torsional vibration is developed. In order to deaden the vibrations \_\_\_\_\_ is used.

- Flywheel
- Damper spring
- Diaphragm spring
- None of the above

**Q3.** Identify the remedy/remedies for *air in the hydraulic system* problem?

- (i) Bleed the system
- (ii) Adjust the brake pedal
- (iii) Use brake oil

- Only (i)
- (i) and (ii)
- (i) and (iii)
- (i), (ii) and (iii)

**Q4.** The part of the rim that provides radial support to the tyre is known as \_\_\_\_\_.

- Flange
- Gutter
- Well
- Bead seat

**Q5.** Which of the following should be preferred in order to tighten the cylinder head bolts?

- Torque wrench
- Ring spanner
- Open ended spanner
- Ratcheting box wrench