

**M. B. A. (CONSTRUCTION
MANAGEMENT) (MBACN)**

Term-End Examination

June, 2026

MMPN-004 : OPERATION AND MAINTENANCE

OF CONSTRUCTION EQUIPMENT

Time : 3 Hours

Maximum Marks : 100

Note : Attempt any *five* questions. All questions carry equal marks.

1. What are hire charges ? Enlist the various costs that come under hire charges and discuss each of them in detail.
2. Enumerate the various general considerations for the selection of an equipment and discuss each of them in detail.

3. Describe the various requirements of POL (Petrol, Oil and Lubricants) as applied to construction equipment. Also, discuss the various consumables that require special attention at a construction project.
4. What are the various components included in the planning of construction work ? Explain any *two* in detail.
5. Describe the *four* major types of inspections under the purview of maintenance.
6. Discuss, in detail any *four* types of pumps with neat sketches.
7. Explain the Lubrication and Cooling systems of Internal Combustion Engines with neat sketches.

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