

Exam Name - Certified Maintenance & Reliability Professional (CMRP)[™]

Sample Exam

1. Reliability-Centered Maintenance (RCM) is applied during which project phase?

- A. Post-maintenance repair
- B. During capital project pre-construction
- C. After failure
- D. Only during audits

Answer **B**

2. What is the primary use of Weibull (life-data) analysis?

- A. Maintainability planning
- B. Assessing failure probability
- C. Life-cycle cost evaluation
- D. Scheduling on-time performance

Answer **B**

3. Installing vibration and acoustic sensors on critical motors is an example of:

- A. ABS-based maintenance
- B. Preventive maintenance
- C. Condition-based/predictive maintenance
- D. Corrective maintenance

Answer **C**

4. Which metric best shows effectiveness of scheduled maintenance?

- A. Uptime
- B. Hours on unscheduled work
- C. Maintenance cost per unit
- D. Production rate

Answer **B**

5. Which team structure best supports communication with customers and suppliers?

- A. Purchasing only
- B. Management only
- C. Maintenance & reliability team themselves
- D. Sales only

Answer **C**

6. Which MTBF-related definition is incorrect?

- A. Uptime: % time producing at design rate
- B. Schedule compliance: how often mechanics are pulled off planned work
- C. MTBF: indicator of equipment lifespan
- D. Backlog: time to fix broken equipment

Answer **D**