

Supply Chain Management Historical and Quantitative Facts

Supply Chain Management · Practice Test · 20 Questions

1. In what year did Keith Oliver first coin the term 'Supply Chain Management' while working at Booz Allen Hamilton?

- A) 1978
- B) 1982
- C) 1985
- D) 1990

2. Which invention in 1956 by Malcom McLean revolutionized global shipping by standardizing container dimensions?

- A) The refrigerated container
- B) The intermodal shipping container
- C) The automated crane system
- D) The pallet tracking barcode

3. The 'Bullwhip Effect' was first identified and documented in the 1960s within which specific company's supply chain?

- A) Ford
- B) Procter & Gamble
- C) General Electric
- D) Walmart

4. What is the standard length in feet of a TEU (Twenty-foot Equivalent Unit), which serves as the base unit for measuring container ship capacity?

- A) 10 feet
- B) 20 feet
- C) 40 feet
- D) 45 feet

5. The Toyota Production System (TPS), a precursor to modern lean supply chains, was primarily developed by Taiichi Ohno between which decades?

- A) 1930s-1940s
- B) 1940s-1970s
- C) 1970s-1990s
- D) 1990s-2010s

6. In 1948, the 'Unit Load' concept gained significant traction when the U.S. Navy introduced which standardized equipment for material handling?

- A) The Forklift
- B) The Pallet
- C) The Conveyor Belt
- D) The RFID tag

7. What percentage of global trade by volume is transported via sea freight, according to the International Chamber of Shipping?

- A) Approx 50%
- B) Approx 70%
- C) Approx 90%
- D) Approx 99%

8. The 'Economic Order Quantity' (EOQ) model, which determines the optimal order size to minimize costs, was developed by Ford W. Harris in what year?

- A) 1913
- B) 1925
- C) 1938
- D) 1952

9. What was the total number of GS1 standard prefixes assigned to identify unique company manufacturers globally?

- A) 100
- B) 500
- C) 1000
- D) 2500

10. The first commercial barcode scan occurred in 1974 at a Marsh Supermarket. Which product was the first to be scanned?

- A) Coca-Cola
- B) Wrigley's Chewing Gum
- C) Kellogg's Corn Flakes
- D) Heinz Ketchup

11. What is the specific name of the 1990s management framework that focuses on 'Plan, Source, Make, Deliver, Return'?

- A) Six Sigma
- B) SCOR Model
- C) Lean Logistics
- D) JIT Inventory

12. In 1994, which company launched the first 'Supply Chain Operations Reference' (SCOR) model working group?

- A) The Supply Chain Council
- B) Amazon
- C) FedEx
- D) Toyota

13. The 'Just-in-Time' (JIT) philosophy, popularized by Toyota, requires a manufacturing lead time reduction often aiming for a lead time of what duration in peak efficiency?

- A) Zero
- B) 24 hours
- C) 48 hours
- D) 1 week

14. According to the World Bank Logistics Performance Index (LPI), how many key dimensions are used to measure the efficiency of international supply chains?

- A) 4
- B) 6
- C) 8
- D) 10

15. What is the ISO standard number most commonly associated with Quality Management Systems (QMS) used in supply chain manufacturing?

- A) ISO 9001
- B) ISO 14001
- C) ISO 27001
- D) ISO 31000

16. In the context of warehouse management, what does the '80/20 rule' (Pareto Principle) usually suggest regarding stock keeping units (SKUs)?

- A) 20% of SKUs account for 80% of sales
- B) 80% of SKUs account for 20% of sales
- C) 20% of the warehouse is empty 80% of the time
- D) 80% of staff manage 20% of inventory

17. Which US law enacted in 1980 deregulated the trucking industry, significantly lowering barriers to entry for logistics providers?

- A) The Motor Carrier Act
- B) The Transportation Reform Act
- C) The Shipping Act
- D) The Interstate Commerce Act

18. The 'Cold Chain' logistics sector requires maintaining specific temperature ranges, usually between what degrees Celsius for pharmaceutical products?

- A) -5 to 0
- B) 2 to 8
- C) 10 to 15
- D) 15 to 25

19. What specific type of RFID tag was first widely adopted for supply chain tracking in the early 2000s?

- A) Passive RFID
- B) Active RFID
- C) Semi-passive RFID
- D) Battery-assisted RFID

20. The 'Cross-docking' logistics technique, popularized by Walmart in the 1980s, aims to eliminate which specific supply chain activity?

- A) Transportation
- B) Long-term storage
- C) Loading
- D) Packaging