

Daffodil International University
Faculty of Business & Entrepreneurship
Department of Business Administration
Program: BBA (Major in MIS)

Semester: Summer, 2026
Time: 120 minutes
Course Code: 0613-326
Section: 65-A

Exam: Final Exam
Full Marks: 40
Title: Enterprise Resource Planning
Course Teacher: TM

Answer all the questions

Question No. 1: [CLO 1, Level 3]

[Marks: 4+6=10]

Rahim Textiles is a mid-sized garment factory in Savar with 900 workers and about \$30 million in annual sales. Its owner has heard that SAP, Oracle, Microsoft Dynamics and SSA are the main ERP vendors. He knows vendors are grouped into Tier I, Tier II and Tier III according to market share, technology and customer size. He now wants to understand where his own company fits before talking to any salesperson.

Identify the four major ERP vendors into Tier I, Tier II and Tier III, and **choose** which tier suits Rahim Textiles.

Question No. 2: [CLO 1, Level 3]

[Marks: 6+4=10]

Nodi Foods is a small food-processing company in Bogura that sells through its own shops and recently started selling on Daraz. The owner cannot afford to buy servers or hire an IT team. A consultant explains four implementation options: vanilla single-vendor ERP, single-vendor with customization, in-house systems with extra ERP modules, and ASP or cloud ERP. The owner wants the option with moderate time and moderate cost that also brings vendor support.

Apply the Menu of ERP Alternatives to Nodi Foods and **choose** the most suitable implementation option, stating its main advantage and disadvantage.

Question No. 3: [CLO 2, Level 5]

[Marks: 6+4=10]

Meghna Apparels in Gazipur has installed one ERP system covering both its supply chain and its human resources. In the supply chain, information is now shared in real time with suppliers and buyers. In HR, employee records and payroll are linked directly to financial accounting. The Managing Director asks whether keeping SCM and HR in a single integrated ERP is really better than running two separate specialized systems.

Justify whether Meghna Apparels should keep SCM and HR in one integrated ERP, and **assess** how integration benefits each area.

Question No. 4: [CLO 2, Level 5]

[Marks: 5+5=10]

Padma Apparels received an order for 20,000 shirts to be shipped before Eid. Its MRP system calculated the fabric, buttons and thread required and released the purchase orders on time. However, MRP planned an output of 5,000 shirts per day, while the factory's twelve sewing lines can produce only about 3,200 per day. The production manager now argues that the company should upgrade from MRP to MRP II.

Evaluate whether Padma Apparels should upgrade to MRP II, and **defend** your answer using the differences between MRP and MRP II.