(PO1)

BBA in TM, 5th Sem

Date: October 03, 2023 (Morning)

## ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT) ORGANISATION OF ISLAMIC COOPERATION (OIC)

## DEPARTMENT OF BUSINESS AND TECHNOLOGY MANAGEMENT Mid-Semester Examination Course No. - BTM 4573. Time 1 | Shower 1 | Show

Course No.: BTM 4523

Course Title : Logistics and Supply Chain Management Full Marks : 75

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Answer all 3 (three) questions. All questions carry equal marks. Marks of each question and corresponding CO and PO are written in the right margin with brackets.

- Describe lean production system and bull-whip effects of supply chain with example.
   How lean production system can reduce bull-whip effects of supply chain?
   What dd you mean by zone of strategic fit? How zone of strategic fit can be achieved by
  - integrating implied demand uncertainty and responsiveness to ensure society's benefit?

    Explain with example.

    Characteristic integrating implied demand uncertainty and responsiveness to ensure society's benefit?

    (POR)
  - performance? Is weighted criteria evaluation system of supplier selection give you the best result all the time? Analyze with example.
- a) What is 3<sup>rd</sup> party logistics? Differentiate between logistics and supply chain with example.
   (PO1)
  - b) Let's suppose you are stocking (Phone 12 for sale. You will forecast your sales and then you look at how much of the your supply chain can cover. For example, you are in a large eners was and can self \$0,000 Phone 12 but the longy supplier will give you only \$0,000 Phone 12. That may still be looking at trends and determine that 25% of your southern you. Can handle is \$0,000 Phone 12 the three three 12% of your substitute that \$0.000 Phone 12 the tower trends and determine that 25% of your substitute that \$0.000 Phone 12 their tower trendments (perhaps your substitute that \$0.000 Phone 12 their tower trendments) of your substitute that \$0.000 Phone 12 their tower trends in \$0.000 Phone 12 the provinces are had on the customers decide the other versions or models of (Phone are fine, then you could have \$25% of \$0,000. That is \$1.000 Phone 12 this took that you can't sell.

## Discussion Question:

- Define implied demand uncertainty with example using "The Implied Uncertainty 08 h(Demand and Supply) Spectrum".
  - Identify the correlations between Implied demand uncertainty and other attributes of supply chain to identify the right supply chain for a product.

apparel, and equipment. Founded in 1964 as Blac Ribbon Sports, the company became (Nike in 1971. One of the most valuable brands among sport businesses, Nike employs over 76,000 people worldwide.

Nike's supply chain strategy heavily emphasizes the use of multiple sourcing partners. The malor wave use Nike surely chain management meet future needs is through

3 a) The world's largest athletic annurel commany. Nike is best known for its footwear

virtual organizations. These will be based on intellectual capital brands, technology, new product development, now channel strategies—with operations activities largely outsourced. As a result, Nike is always shopping for new and more productive manufacturing sites assound the world. In this shopping process, Nike is looking for, among other things, inexpensive blow, low import taxes, and high levels of efficiency in the manufacturing process.

Nike, selling \$9 hillion worth of adheric shore amonally; does so without owning any ferrories melt profusement, and reduced calaxies and cancellations to lower inventors.

holding costs. To maintain these important parts of their strategy. Nike officials are

located at all foreign factories. However, with new competitive entrants, with better service and lead firms, and even fadation beauth moving into their market space, supply chain rescribence has stood elevated in the past few years and view as a competitive weapon. Demand planning processes are being freedings from the retail prespective, and "teatil retail" is incorporated in product design. Their delivery precision roadmap includes a playbook of prioritating intinsives, which executes goodworks, including demands/upply markings, improving sales catalog accuracy, streamlining distribution contert operations, and optimizing processes globally. They have also created a governance board that sets the strategies, prioritizes the initiatives, and drives company-wide execution beauth opto standardized processes and full-forms.

Nike has run into several different challenges in its attempts to continue its global mounted and the processes of the processes.

Nike has run into several different challenges in its attempts to continue its global immunificationing statings and supply chain management. One of the multiprocession as active of cooperation with foreign municiprocess. An obvious reason for this is the language therein the reterem Nike efficient and nature. An obvious reason for this is the language therein there is the reterministic and the reterministic procession of the reterministic procession of the reterministic procession of the reterministic procession of the reterministic procession in the reterministic procession begins to add up, with more countries for the reterministic procession begins to add up, with more countries to the control of the reterministic procession of the transfer and accounting capabilities to correct costs. Nike has attempted production in Language as well as mustiple because of that there will be a sufficient to a final transfer and the level of difficult per production in Language as the reterministic procession of the ret

Nike has been successful in overcoming these problems in several different ways. Nike can utilize a small number of partners that have many positive characteristics including

inexpensive labor.

infrastructure, material resources, technical know-how, labor-management, and operational experience. Nike has built valuable, long-term relationships with these partners. Nike has been designing all of its products in-house since it launched its name-branded shoes in 1971.

Most exciting thing is Nike's first dedicated outlet in Dhaka opened for customers at Banani Road II, on 20 July, 2023. The outlet, established in collaboration with DBL Lifestyles, a part of the prominent business conglomerate DBL Group, exclusively offers. Nike smakers, proprises, and accessories. Since its opening, the outlet has seen a significant influx of customers. The footwear ranges from Tk 5,000 to Tk 30,000 per pair, while newest lemma are validable an enforce ranging from Tk 1,500 to Tk 30,000 per pair,

A mid-level manager stated, 'After launching Purm's showroom in 2019, we have seen good competition, Currently, we have five Purms showrooms combined in Dhaka and Chattogram.' Previously, the organization's Vice Chairman, MA Rahin Ferox, lad informed This Subort the supcoming launch of new showrooms for Addiss and Nike in Bangladeh, Now, Nike has been added to its restal portfolio and fit's committed to addrage and the control of the Con

## Discussion Question:

- What strategies would be helpful for Nike to overcome the potential challenges 08 that might arise in Bangladesh?
- ii. Apply porters' five forces model on Nike Bangladesh.
  - ii. What strategies would be helpful for Nike to be sustainable in Bangladesh?