



Cover Sheet for Written Examinations

(Can also be used in the examinations box.)

This sheet should always be submitted.

NB Any loose sheets must always be attached to the examination script

School Linneaus University		
Written examination in sub-component course 1FE172 Supply Chain Management, Written examination, 4,0 hp		Examination code 1606
Course / degree programme ISM		
Date 2017-10-19	Time 09.00-13.00	Place CIL
Total number of pages submitted 11 inkl. this one	Examination aids permitted Only in the exam hall provided dictionary	
Miscellaneous		
Teacher responsible for examination Michael Råberg / Arash Kordestani		Visited examination hall <input type="checkbox"/> Yes Time <input checked="" type="checkbox"/> No
Can be reached on the following telephone number Time		

Examination coversheet <input type="checkbox"/> Yes, coversheet can be distributed (answers should be written on the loose pieces of paper) <input type="checkbox"/> No, coversheet cannot be distributed (answers should be written on the question sheet)

NB Name and Swedish civic registration number should be written in ink

Examinee's code	Examinee's number of seat	
Programme / course		
No. of credits	Grade	Teacher code

Instructions

Examination scripts can be handed in at the earliest after 50 minutes after the start of the examination (any late examinees are thereby given the opportunity to participate). Examinees should always bring ID with them.

ID shown <input type="checkbox"/> Yes <input type="checkbox"/> No	Examination script submitted at (time)	Signature of invigilator
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TENTAFRÅGOR – Supply Chain Management 7.5, ISM, ord.tenta HT17

- 1.** Explain the terms "Supply Chain" and "Development Chain" and also include some practical examples in your answer? **(10points)**

2. Inventory is held for a variety of reasons, and inventory control mechanisms need to take these reasons into account. Describe reasons why inventory is held? **(10points)**

3. In a make to order environment, usually buyer takes the risk of products. It means if the buyer does not succeed in selling products then all or part of the loss will be on the buyer. In the slides, we had four different models that manufacturer and buyer can share the risks together. Choose three out of four and explain them in detail. **(15points)**

4. Bullwhip phenomenon has devastating effects in supply chain. There are different ways to reduce the effect of the bullwhip phenomenon. In the slides, we had four strategies to reduce this effect. Choose three out of those four strategies and explain how each method help in reducing bullwhip effect. **(15 points)**

5. It is not easy to decide which procurement strategy suits different type of items. In the slides, we had Kraljic's supply matrix as one of the most effective ways to choose procurement strategy. This matrix that divides items to four different categories is built on two dimensions.

a. Draw this matrix with its two dimensions and four different categories of items. **(10 points)**

b. Explains which procurement strategy suits which types of items. **(10 points.)**

6. Figure below shows status of information systems in different organizations.
- a. Explain which problems an organization will have with this way of having information systems.
(10 points)

- b. In the slides, there was another figure illustrating how the new generation of information systems should look like. Draw that figure and explain how the new generation of information system should be. **(10 points)**

7. Company has different approaches to order required items. In the slides, we had periodic order system.

- a. Explain how this ordering system works. You can give example of a product in your explanation. **(5 points)**

b. What parameters are important in this ordering system to calculate? **(5 points)**