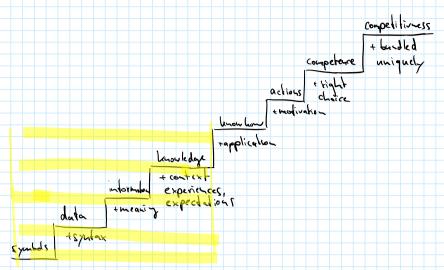
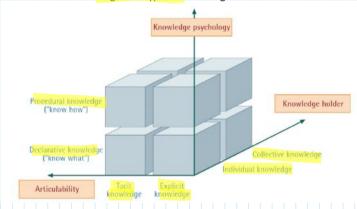
IDS Exam questions

Samstag, 8. Juli 2017 10:16

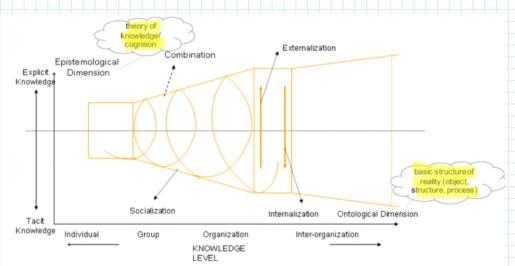
1.Describe the taxonomy from symbols to knowledge with attributes?



- What are the three dimensions of the generic knowledge mode/cube?
- What are the six generic types of knowledge?



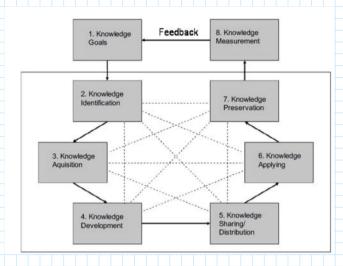
What contains the epistemological and the ontological dimension of KM in the concept of Nonaka and Takeuchi? What means Ontology in IT?



Epistemology: branch of philosophy concerning the nature and scope of knowledge on before a set of representational prinities with which to model a domain of

hnowledge

5. Describe and draw a generic Knowledge management cycle in practice to Probst?



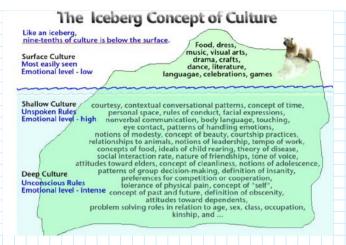
6. What is the CEN-definition of knowledge/ KM?

knowledge is the combination of date and intornation,
to which is added expert opinion, shills and experience,
to result in a valuable asset which can be used to
aid decision me king. Knowledge maybe explicit,
tacit, individual and los collection

Resuledge management is the management of activities and processes for leveraging knowledge to enhance competitiveness through better use and creation of individual and collective knowledge resources.

- 7. Describe the three layers of the CEN-KM model?
- 1st: Business processes docures on the business itself, with clichs, suppliers, pertus
- 2nd: Core knowledge activities this layer describers
 the cycle of knowledge:

 sldentify Creak Store share wee
- 3.d: Personal and Organizational Unowledge
 Capabilities
 Personal: ambidion, skills, behavior, experience
 Organization: wission, vision, strategy, culture
- 8. Iceberg concept of culture?



Hofstede/dimensions of culture?

5 Dimensions of the Model:

- 1. Power Distance: Subordinates' expectation of the social distance between subordinates & superiors
- 2. Uncertainty avoidance: Level of threat felt by unknown situations and openness to innovations, risk etc.
- Individualism 3. vs Collectivism
- Masculinity vs Femininity (values)
- high opportunity for earnings
- recognition when doing a good job,
- opportunity for advancement
- challenging work -- sense of accomplishment.
- Good working relationship with supervisors
- Cooperative environment
- · Living area desirable to themselves and families
- Job security
- Long-term orientation: saving for the future Short-term orientation: giving for the future
- 10. Edward Hall's concept of culture?
- 4 Dimensions:
 - 1. Context-orientation

Low-Context	High-Context	
Messages/Information are explicit, direct and unambiguous	message is part of the context / indirect information	
alues; Individualism	Values: Group Sense	
Direct verbal interaction ess nonverbal expressions	Indirect verbal interaction more nonverbal expressions	

2. Time-orientation

Factor	Monochronic action	Polychronic action do many things at once	
Actions	do one thing at a time		
Focus	Concentrate on the job at hand	Are easily distracted	
Attention to time	Think about when things must be achieved	Think about what will be achieved	
Priority	Put the job first	Put relationships first	
Respect for property	Seldom borrow or lend things	Borrow and lend things often and easily	
Timeliness	Emphasize promptness	base promptness relationship factors	

3. Space-orientation

Personal space, territoriality (mine and yours etc.)

4. Message (high, low context)

 Explicit · Context not important · Thinking-focused

Implicit

· Context important · Feeling-focused

 Result-oriented Masculine

· Relationship-oriented

- 11 What are Porters three generic competitive strategies?
 - Cost Leadership: target to become the most cost-efficient manufacturer
 - Differentiation: calls for the development of a product or service that offers unique

attributes that are valued by the customer

- **Focus**: Concentrating on a niche, and within that niche, try to achieve cost or differentiation advantage
- 12. What is a stage gate method?

A Stage-Gate process is a conceptual and operational Road Map for moving a new product project from idea to launch

Stage: Period in which the work for reaching a pre-defined gold is done

Gate: Milestone with delived goods that have to be reached

13. What means FMEA what are the measurement dimensions?

Failure mode and effects analysis - a method for minimization of rishs.

The rish is measured by Severity, Occurrency,

Detection: RPN = 5.0.0

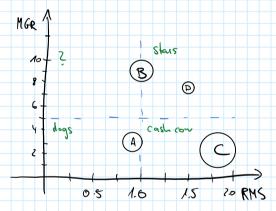
14. BCG matrix, draw a BCG matrix with following details in the box below.

Market growth rate (MGR) (0.0 -10.0)Relative Market share (RMS) (0.0 - 2.0)

Product	MGR	RMS
Α	3.0	0.8
В	9.0	1.0
С	2.5	1.8
D	7.5	1.5

The turnover of product A is 300.000 euro

Product B is 600.000 euro product C is 900.000 euro product D is 150.000 euro draw proportional bubble size.



15. How are the four positions of products called in the BCG matrix? Describe the four positions?

Stars: require and return high cash flow

Cash cows: average return, no big invest, reduce cost

Poor dogs: negative cash flow, get rid off

Question mark: above average investment needed, above average cash flow expected

16. What is the difference of BCG matrix and MCK/GE matrix?

Market abractioness instead of market youth rate competitive strength instead of relative market share Mckiller (GE Porblio is more detailed and separated who I areas instead of 4.

17. The GE/MCK has two dimensions and nine fields?

. 1	t			
high	Selective	Extension with	Defend	Investment or growth strates
-	extension	investments	position	Selective strat
ctiveness	Extension to a limited extent or harvest	Selection/ profit orientation	Selective extension	Absorption or divestment str
Market attractiveness low mediui	Divestments	Profit orientation	Defending and shifting focus	
	low	medium	high	
	Competiti	ve strength		

18. Describe the advantages and disadvantages of McK/GE and BCG matrix?

BCG:

Objective data basis: market share, market growth, sales

Good communicability: Simplification of a complex control problem

BUT: No consideration of the technology perspective, No derivation of fields of activity

McK:

Can be adjusted to company requirements

More differentiated and more informative

Typically, five types of intellectual property right are used worldwide, name all 5 and explain each of them with two complete sentences?

Copyrights are volated to literary or creative Copyright: would. They're automatically register's upon fixation in a tangible medium.

Trademark: Trademarks are related to symbols or braid hames. Registration is not required, but recommended ("first use vight") Contractual agreenent: useful between collaboration postics. They are also easier to entire

than traditional IPs

Trade Societ: is used to beep into secret to gain
commercial advantage. It is applicable
to products that can col be easily revise engineered

P-kut : In exchange for a limited-term right to exclude others from making, using or selling a novel, nonobvious and claimed invention in the country for which the patent is to be validly granted, the inventor must provide a complete and accurate public description of the invention.

> This provides others with the ability to use that information to invent further, thus pushing technology forward for the benefit of society.

- Regarding patents it is worldwide accepted what so (...) measure which fulfill 3 topics is necessary to apply for (...) topics? Name and describe them in one sentence each.
 - NEW: Does not form part of the state of the art
 - NOT OBVIOUS: a skilled person is not able to achieve the same invention at the date of filing
 - SUSCEPTIBLE OF INDUSTRIAL APP.: if it can be made or used (almost always)
- What is EPO, DPMA, USPTO, WIPO, PCT stand for?

European Paked Office Dentedes Paked and Markement United States Palout and Traducal Office World Intellectual Property Organization Pulul Goperation Troats

World Intellectual Property Organization Pull Coperation Treaty

- 22. Article 52 EPC describes what cannot be applied for a patent. Name at least 4 topics
 - discoveries, theories, math
 - aesthetic creations
 - o ways to think, play, do business and programs for computers
 - presentations of information
- Assume you are researching for a patent on a certain topic. Assume you further find 3 papers, one is named US 5589 765 A1 another one is named A4 and the third one is named DE 7543 981 B1. What is detectable form the patents coding of each of them?
 - OS Palud Application, let resion
 - 2. European Pakal Appl., Supplementary sound report
 - 3. German Pakal Specification, 18t version
- give the four minimal elements of a one-page memo and sketch the content.

Symposis: Summarize the situation

Facts: Explain how the idea works

A Hernadives: Consider alternatives and explain only your is better Reconnectation: Suggest next steps to be done

Who suggested the one-page memo form and why?

Winster Churchill during the 24d WW, because he wanted to stop wasting time reading a lot of paper.

26. Describe Harold Hotelling's linear model of a product of zero production cost.

The model demonstrates the relationship between location and pricing belowior of lines. It assumes that the production cost for two compositors are equal

26a) What determines in his model the cost for the product?

It assumes, that firms just compete and poice their products concerny the geographic location.

- 12 Barriers to knowledge Management concerning CEN concept?
- 1. Time and Priority
- 2. Difference between management statements and actions
- 3. enduring notice that "knowledge is pour"

 4. Apathy about Sharing knowledge

 5. "Not inched here" Syndrom

- 6. Syclens that encourage the withholding of headledge 2 Notherent cultures

6. Sychens that encourage the withholding of houstedge 7. Different cultures

8. Languary 8. Languary 9. "machine-like" organizations 10. Organizational annesia 11. Mirdual working 12. Knowledge doesn't grow form

Name at least 5 states/departments which are directly dependent of the performance of the design department.

