

Puu-21.3050 Paper Physics I

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Exam 5 x 6 p = 30 p

1. What does coverage (C) refer to? At a given basis weight does pine or birch Kraft pulp have a higher coverage and why? (6p)
 2. What is the definition of paper formation, how is it measured and why is it important (6p) *pienen neliömittakaavan vaihtelu*
 3. Why does tear strength decrease as the fiber bonding increases (6)?
 4. What are the main challenges in identifying the causes of various paper web defects and correcting these (6p).
 5. How can fiber bond area and fiber bond strength be measured (6).
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Course Evaluation:

Exam	30 p
Seminar	10 p
TOTAL	40 p

The grading scale of the whole course is as follows:

Total Points : Course Grade

0-19	0
20-23	1
24-27	2
28-31	3
32-36	4
37-40	5