

KERALA AGRICULTURAL UNIVERSITY

BS.c (Hons) Forestry 2015 Admission

3rd Semester Final Examination-March - 2017

Cat. No: Wosc.2104

Title: Wood Products and Utilization (1+1)

Marks: 50

Time : 2 hours

I. Fill in the blanks:

(10 x 1=10)

1. The meaning of the word 'Kraft' used in paper technology means -----
2. Sliced veneers usually ranged from ----- to ----- mm.
3. Black liquor is obtained in the -----process of paper making.
4. The longest fibre yielding grass is -----
5. Indian paper industry accounts for ----- % of world production.

Define:

6. Lignofol.
7. Shredding.
8. Impreg.
9. Wood acetylation
10. Pyrolysis.

II. Write short notes on ANY FIVE:

(5x 2=10)

1. Hot pressing.
2. Core board and its types.
3. Kraft paper.
4. Log conditioning
5. Wood alcohol.
6. What is Pulp bleaching?
7. What is Lamin board and Laminated wood?

III Write answers on ANY FIVE:

(5 x 4=20)

1. What are different forms of wood energy?
2. Chemical components of wood.
3. What are the by-products of destructive distillation of wood?
4. Present status of paper industry in India.
5. Explain in brief about process of match making.
6. Describe two methods of veneering.
7. Production technology of wood molasses and alcohol.

IV. Write essay on any ONE

(1 x 10=10)

1. Explain in brief about the plywood manufacturing process.
2. Describe the process of wood saccharification and give the products obtained.
