

## Unit 4 - Week 2

Course outline
How does an NPTEL online course work?
Assignment 0
Week 1
Week 2
● Introduction to wood
● Wood: procurement details, properties, classification
● Defects of wood and Wood joinery
● Engineered wood
● Bamboo
● Week 2 Lecture Material
○ Quiz : Assignment 2
● Week 2 Feedback Form
Week 3
Week 4
Week 5
Week 6
Week 7
Week 8
Assignment Solution
Download Videos
Live Interactive Session

## Assignment 2

The due date for submitting this assignment has passed.  
As per our records you have not submitted this assignment.

**Due on 2020-09-30, 23:59 IST.**

- 1) Wood is a structural member that can take which of the following. 1 point
- (A) Compression  
 (B) Tension  
 (C) Strain  
 (D) All of these
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(D) All of these
- 2) Ease of splitting of wood is called. 1 point
- (A) Efflorescence  
 (B) Cleavability  
 (C) Splinters  
 (D) Ductility
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(B) Cleavability
- 3) Endogenous trees have annual rings in the. 1 point
- (A) Radial direction  
 (B) Vertical direction  
 (C) Radial and Vertical direction  
 (D) Are devoid of rings
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(B) Vertical direction
- 4) Which of the following is not a type of Widening joint? 1 point
- (A) Biscuit joint  
 (B) Scarf joint  
 (C) Tongue and Groove joint  
 (D) Butt joint
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(B) Scarf joint
- 5) Knots and Shakes reduce \_\_\_\_\_ strength parallel to the grain of the wood. 1 point
- (A) Compressive  
 (B) Tensile  
 (C) Shear  
 (D) Shear and Compressive
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(B) Tensile
- 6) The wooden laminas that combine to form Plywood are called. 1 point
- (A) Veneer  
 (B) Laminate  
 (C) Batten board  
 (D) Particle board
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(A) Veneer
- 7) Which of the following is not a type of bamboo joint? 1 point
- (A) Bevelled  
 (B) Flute mouth  
 (C) Tongue and Groove  
 (D) Fish mouth
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(C) Tongue and Groove
- 8) Decomposition of wood due to alternate dry and wet condition is called. 1 point
- (A) Fungal Rot  
 (B) Dry Rot  
 (C) Wet Rot  
 (D) Saturated Rot
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(C) Wet Rot
- 9) Which of the following is a type of bamboo wall? 1 point
- (A) Piling wall  
 (B) Jalousie wall  
 (C) Gravity wall  
 (D) Bajareque wall
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(D) Bajareque wall
- 10) Chip board is also called. 1 point
- (A) Veneer board  
 (B) Lamina board  
 (C) Batten board  
 (D) Particle board
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(D) Particle board
- 11) Which of the following sequence of making Plywood is correct? 2 points
- (A) Conversion-Trimming-Drying-Gluing  
 (B) Conversion- Drying - Trimming -Gluing  
 (C) Trimming - Drying -Conversion-Gluing  
 (D) Trimming - Drying-Gluing-Conversion
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(A) Conversion-Trimming-Drying-Gluing
- 12) Match the following: 2 points
- |                       |                                 |
|-----------------------|---------------------------------|
| (P) Widening joint    | (i) Dovetail joint              |
| (Q) Lengthening joint | (ii) Tongue and Groove joint    |
| (R) Bearing joint     | (iii) Half-Blind Dovetail joint |
| (S) Finger joint      | (iv) Table joint                |
- (A) P-i, Q-iv, R-ii, S-iii  
 (B) P-ii, Q-iv, R-i, S-iii  
 (C) P-iii, Q-i, R-ii, S-iv  
 (D) P-iv, Q-ii, R-i, S-iii
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(B) P-ii, Q-iv, R-i, S-iii
- 13) Match the application process of the following preservatives: 2 points
- |                  |  |
|------------------|--|
| (P) Coal Tar     | (i) Injecting under pressure/ Vacuum process |
| (Q) AsCu         | (ii) Painting with brush                     |
| (R) Creosote Oil | (iii) Spraying                               |
|                  | (iv) Polishing                               |
- (A) P-i, Q-iii, R-ii  
 (B) P-iii, Q-i, R-iv  
 (C) P-ii, Q-iii, R-i  
 (D) P-iv, Q-ii, R-i
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(C) P-ii, Q-iii, R-i
- 14) Arrange the following according to the section of a tree trunk from inside to the outer: (P) Bast (Q) Cambium (R) Sapwood (S) Pith 2 points
- (A) S-R-Q-P  
 (B) S-P-Q-R  
 (C) S-R-P-Q  
 (D) Q-R-S-P
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(A) S-R-Q-P
- 15) Match the following: 2 points
- |                 |  |
|-----------------|--|
| (P)Heart shake  | (i) Shakes between contiguous rings              |
| (Q)Radial shake | (ii) Shakes where fibres are broken due to storm |
| (R)Cup shake    | (iii) Cracks develop from outside to inward      |
| (S)Upset shake  | (iv) Cracks develop from inside to outward       |
- (A) P-iii, Q-i, R-ii, S-iv  
 (B) P-iv, Q-iii, R-i, S-ii  
 (C) P-i, Q-ii, R-iv, S-iii  
 (D) P-ii, Q-iii, R-i, S-iv
- No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
(B) P-iv, Q-iii, R-i, S-ii