

210189150002

Time: Three Hours

MM: 35

Section - A

Note: Attempt all questions. Each question carries 1 mark.
Fill in the blanks.

1. The wastage of 20% to 25% of timber is usually occurred when logs are first roughly squared and then sawn into
2. The axe has two basic functions, to cut and to
3. The is made at an angle of 45° in axe felling of larger trees.
4. The most important goal for is to adjust the working environment to the worker
5. Logging is the final act of forestry operations and first act of

Write True (T) or False (F).

6. Two-man crosscut saws are used for felling and bucking trees more than 60 cm indiameter. T/F
7. Tree felling is an occurrence which is usually unexpected, unforeseen, unplanned and unwanted and interrupts or disturbs the progress of any activity. T/F
8. The purpose of personal protective equipment's is to reduce employee exposure to hazards. T/F
9. The word "Lumber" refers to wood material that is finished square or rectangular in shape. T/F
10. The bow saw has replaced the crosscut saw for bigger trees. T/F

Section - B

Note: Attempt any five questions. Each question carries 2 marks.

11. Define Logging Plan.
12. Define V-shaped Boom.
13. Write down the general rules of Safety.
14. Enlist the contents of First aid Kit.
15. What is Overhead Transportation?
16. What are the advantages and disadvantages of Floating?
17. Write down the purposes of Log making.

Section - C

Note: Attempt any three questions. Each question carries 5 marks.

18. Describe the Transit and Sales depot and write down the factors to be taken into consideration for Sale depot sites.
19. Describe in detail about the personal Protective Equipment's for eye/face protection, head protection and hand protection.
20. Describe the Mechanized Equipment's used in Logging Operations.
21. Compare and describe the Felling with Axe, Handsaws and Power Saws for bigger trees.
22. Write down the general rules of Felling and the defects occurred during Felling.