

(FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR 2022 ONLY)

22PBY3E7

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS : NOVEMBER-2023

COURSE NAME: M.Sc.- BOTANY

MAXIMUM MARKS: 50

SEMESTER: III

TIME : 3 HOURS

FORESTRY AND WOOD SCIENCE

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS.

(K1)

1. Which forests are called tropical rainforests?
a) Temperate evergreen forest b) Temperate deciduous forest
c) Tropical evergreen forest d) Tropical deciduous forest
2. Which is a regeneration treatment?
a) Pruning b) Thinning c) Harvesting d) None of the above.
3. Match the deciduous agro forestry tree?
a) Nilgiri b) Subabul c) Neem d) None of the above
4. Name the triple people are non vegetarians except
a) Kurichiyar b) Kora c) Paniyan d) Todas
5. Which of the following is used as organic solvent preservative in the process of preservation of timber?
a) Creosote b) Copper naphthenate c) Solignum d) Carbolinum

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES.

(K2)

6. Define IUCN.
7. Illustrate types of bark.
8. Explain avenue plantation.
9. Interpret the importance of ethno botany.
10. Define composite wood.

SECTION – B

(5 X 3 = 15 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)

11. a) Examine the characteristic features of tropical forest.

(OR)

- b) Interpret monoculture.

12. a) Assess silviculture of *Tectona grandis*.

(OR)

- b) Show the silviculture importance of Iron wood.

(CONTD.....2)

13. a) Describe Indian forest act 1927.
(OR)
b) Describe the importance of agro forestry.
14. a) Describe AYUSH.
(OR)
b) List out the role of NMPB.
15. a) Examine the physical properties of wood.
(OR)
b) Describe wood deterioration.

SECTION – C**(5 X 5 = 25 MARKS)****ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.****(K4 (Or) K5)**

16. a) Outline the natural forest types .
(OR)
b) Summarize forest and gene conservation.
17. a) Interpret regeneration of forest.
(OR)
b) Investigate silviculture importance of *Santalum album*.
18. a) Examine World Conservation Strategy.
(OR)
b) Survey on sacred groves.
19. a) Discuss the major tribes in Southern India.
(OR)
b) Summarize ethno botany in human welfare.
20. a) Discuss the properties of wood.
(OR)
b) Examine the uses of wood.
