



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – PLANT BIOLOGY AND PLANT BIOTECHNOLOGY

FIFTH SEMESTER – APRIL 2017

PB 5414- PHYTOGEOGRAPHY AND FORESTRY

Date: 25-04-2017
01:00-04:00

Dept. No.

Max. : 100 Marks

PART – A

Answer the following, each within 50 words (10 x 2 = 20 Marks)

1. Define circumpolar distribution.
2. What is glaciation?
3. What is reforestation?
4. What is sanctuary?
5. What is pollarding?
6. Define recreation forestry.
7. What is forest utilization?
8. Write the uses of Baltimore stick.
9. Define forest economy.
10. Write short note on Wild life (protection) Act, 1972.

PART – B

Answer the following, each within 500 words. Draw diagrams and flowcharts wherever necessary.
(5X7=35 Marks)

11. a) Discuss the theory of continental drift.
or
b) Give a brief account on theory of tolerance.
12. a) Write notes on i) Sacred groves; ii) Biosphere reserves and iii) National parks
or
b) Write the methods to protect forests from poaching and encroachment.
13. a) Give a brief account on nursery techniques.
or
b) Briefly write about pretreatment and germination of seed.
14. a) Write detailed account on measurement of forest growth.
or
b) Give an account of the scope and objectives of forest inventory.
15. a) Write briefly about fundamental principles of forest economics.
or
b) Write notes on Indian Forest Act, 1927 and Waste Land Management Board.

PART – C

*Answer **any three** of the following, each within 1200 words. Draw diagrams and flowcharts wherever necessary.*

(3 X 15 = 45 Marks)

16. Write an essay on the floristic regions of the world.
17. Give a detailed account on afforestation programme.
18. Discuss about the principles and techniques involved in Silviculture.
19. Write a detailed account on utilization of major and minor forest produce.
20. Write an essay on Indian Forest Policy.

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