

Orissa Public Service Commission Previous Year Priliminary Paper- Forestry

1. How the crop is developed in conversion system ?

- (a) The two mixed crops are maintained.
- (b) Single pure crop is developed.
- (c) The crop composition is not changed.
- (d) This system involves a change in crop composition.

2. What is the scope of silvicultural systems ?

- (a) It is helpful in planting of new species.
- (b) It is a procedure adopted for removal of a forest crop at a given set of conditions and its regeneration.
- (c) Planting of exotic species.
- (d) It is used for developing non-timber forest produce.

3. In which States conversion from coppice with standard to coppice with reserve is mostly done ?

- (a) States of Madhya Pradesh and Maharashtra forests
- (b) Orissa forests
- (c) Uttaranchal forests
- (d) Manipur and Tripura forests

4. Which system will be applied if the object of management is production of fuel, small timber or even poles ?

- (a) Uniform system may be applied
- (b) Selection system may be applied
- (c) Clear felling system will be applied
- (d) Any of the coppice system may be applied with advantage of species which coppice

5. When the Forest Policy of India was formed first after independence ?

- (a) 1952
- (b) 1955
- (c) 1958
- (d) 1988

6. In which Forest Policy the development of tribal people and forest villages was encouraged ?

- (a) Pre-independence Forest Policies
- (b) Forest Policy of 1988
- (c) Forest Policy of 1952
- (d) National Commission of Agriculture, 1976.

7. In which Forest Policy it was laid out that the India's forest cover should be 33 per cent ?

- (a) Forest Policies of pre-independence
- (b) Forest Policy of 1994
- (c) Forest Policy of 1952
- (d) Forest Policy of 1988

8. What is the major emphasis given in the National Commission of Agriculture 1976 ?

- (a) Collection of forest products.
- (b) The development of industries like pulp, paper and panel products.
- (c) Cutting of natural forest for timber.

(d) Collection of medicinal plants.

9. Who is granting forest clearance for major mining projects ?

- (a) Ministry of Environment and Forest, Government of India and State Government.
- (b) Only State Forest Department.
- (c) By the State Revenue Department.
- (d) By the Principal Chief Conservator of Forests.

10. What are the main objectives of National Wasteland Development Board ?

- (a) For management of forests.
- (b) For cutting of timber and agro-forestry practices.
- (c) For afforestation of wasteland of the country.
- (d) For enhancing the productivity of non-timber forest produce.

11. Under which Act, the Government impose restriction on forest land for diversion to non forest purpose ?

- (a) Indian Forest Act
- (b) Forest Conservation Act
- (c) Indian Forest Policy
- (d) Indian Forest Bill, 1980

12. The basic objective of Joint Forest Management is

- (a) Involvement of local people in decision making in Forest Management.
- (b) Involvement of State Forest Department in Forest Management.
- (c) Involvement of NGOs in Forest Management.
- (d) Involvement of academic institutions In Forest Management.

13. The basic attributes which all agro-forestry system possess are

- (a) Productivity
- (b) Sustainability
- (c) Adaptability
- (d) All of the above

14. Litterfall and prunings of which of the following tree species contribute maximum ?

- (a) Poplar
- (b) Eucalyptus
- (c) Leucaena
- (d) Neem

15. Nutrient recovery in agroforestry compared to sole crop is

- (a) Lower
- (b) Higher
- (c) Same
- (d) Doesn't matter

16. How many eucalyptus trees will be planted in one hectare of land at a spacing of 4 x 2.5 m ?

- (a) 1000
- (b) 2500
- (c) 4000

(d)5000

17. The original idea to assist rural poor in developing countries to use forests in their vicinity in a sustainable manner and to their economic advantages comes under

- (a)Forestry
- (b)Farm Forestry
- (c)Social Forestry
- (d)Agro-forestry

18.Scope of community forestry includes

- (a)Establishing woodlots for fuel
- (b)Establishing multipurpose trees
- (c)Providing fodder for livestock
- (d)All of the above

19. Alkaloid extracted from Sarp Gandha (*Rauwolfia Serpentina*) is

- (a)Berberine
- (b)Rutin
- (c)Reserpine
- (d)Solasodine

20. 'Calcium Carbonate' is added during making of

- (a)Cigarette paper
- (b)Drawing paper
- (c)Blotting paper
- (d)Printing paper

21. Which of the following grass is used for making ropes ?

- (a)*Eulaliopsis binata*
- (b)*Heteropogon contortus*
- (c)*Panicum maximum*
- (d)*Pennisetum purpureum*

22. Energy flow in forest ecosystem is always

- (a)Multidirectional
- (b) Bidirectional
- (c)Unidirectional
- (d) None of the above

23. Pyramid of Biomass in forest ecosystem may be

- (a)Inverted
- (b) Upright
- (c)Both (a) and (b)
- (d)None of the above

24. The art and science of growing trees is designated as

- (a) Horticulture
- (b) Silviculture

- (c) Sericulture
- (d) Apiculture

25. Which one of the Protected Areas is not a World's Heritage Site adopted by UNESCO ?

- (a) Kanha National Park
- (b) Sunderbans National Park
- (c) Nandadevi and Valley of Flower National Park
- (d) Manas Wildlife Sanctuary

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