

TELANGANA UNIVERSITY
S.S.R. DEGREE COLLEGE, NIZAMABAD (C.C:5029)
V SEMESTER INTERNAL ASSESSMENT-II EXAMINATIONS
Paper : Economic botany
BOTANY QUESTION BANK

I. Multiple choice questions.

1. Which of the following is a non alcoholic beverage (C)
A. Beer B.wine C.tea D.vodka
2. coffee is made from roasted seeds called (B)
A cocoa beans B.coffee beans C.tea leaves D.barley grains
3. which type of beverage is a carbonated (C)
A.milk B.orange C.cola D.tea
4. Which country is the largest producer of tea (B)
A India B.china C.srilanka D.kenya
5. the useful part in ground nut is (A)
a.cotyledons B.endosperm C.fruit D.none
6. the scientific name of sunflower is (C)
A.cocos nucifera B.Brassica juncea C.Healianthus annus D.Linum usitatissimum
7. which process convert sugar into alcohol during beverage production (C)
A filtration B.distillation C.fermentation D carbonation
8. natural rubber is obtained from which plant (A)
A.Hevea brasiliensis B.Ficus elastica C.Manihot glaziovii
D.Euphorbia tirucalli
9. which of the following is a natural rubber (B)
A.neoprene B.gutta percha C.Buna -N D.Thiokol
10. the process of converting latex into solid rubber is called (A)
A.coagulation B.polymerization C.vulcanization D.condensation
11. the plant source of quinine is (A)
A.cinchona officinalis B.Rauwolfia serpentina C.Atropa belladonna D.papaver somniferum
12. Morphine is obtained from which plant (A)
A.papaver somniferum b.cinchona officinalis C.Rauwolfia serpentina

- D. *Atropa belladonna*
13. Digitalin used in treating heart diseases is obtained from (B)
A. *Cannabis sativa* B. *Digitalis purpurea* C. *Cinchona officinalis*
D. *Papaver somniferum*
14. The stimulant is obtained from (D)
A. *Coffea arabica* B. *Camellia sinensis* C. *Theobroma cacao*
D. all of the above
15. Timber is obtained from (B)
A. bark B. Heart wood C. sap wood D. pith
16. The main chemical constituent of wood is (D)
A. cellulose B. lignin C. hemicellulose D. all of the above
17. Which of the following tree yields hardwood (C)
A. *Pinus* B. *Cedrus* C. *Tectona grandis* D. none of the above
18. *Tectona grandis* is commonly called as (B)
A. Rosewood B. teak C. sal D. deodar
19. Cotton is obtained from which part of the plant (C)
A. stem B. root C. seed D. leaf
20. Jute fibre is obtained from which part of the jute plant (A)
A. stem B. root C. leaf D. seed

II. Fill in the blanks

- Jute is known as the **Golden fibre**
- The process of separating cotton fibres from seeds is called **Ginning**
- Jute fibre is made up of **Hemicellulose and lignin**
- Tobacco is obtained from the leaves of the plant is called **Nicotiana tabacum**
- The main active chemical present in tobacco is **Nicotine**
- Endosperm** is a **nutritive** tissue formed inside the seeds
- The fusion of a sperm nucleus with 2 polar nuclei forms the **primary endosperm** nucleus
- The family of *Tectona grandis* is **verbenaceae**
- The chemicals present in *Cannabis sativa* are known as **cannabinoids**
- Jute is used in making of **ropes and brushes**
- Quinine** is used in the treatment of malaria

12. Opium poppy is the common name of papaver somniferum
13. Essential oils are the liquids that are isolated from plants
14. Flax seeds are rich in Omega 3 fatty acids
15. The coconut is a drupe type of fruit
16. The liquid endosperm of coconut is rich in cytokinins
17. the family of tea is Theaceae
18. beverage is a drink other than water that is potable
19. coffee arabica type of coffee is also known as arabian coffee
20. Ground nut is a geocarpic type of fruit.

III. One word answers

1. what are the two types of beverages?

A: alcoholic and non alcoholic beverage

2. name the alkaloids in tea and coffee?

A: Tea - theine, Coffee -caffeine

3. write the uses of essential oils

A. They have antibacterial and anti fungal properties

4. write the medicinal uses of cinchona officinalis?

A. It is used in joint pains anaesthesia

5. Write about Digitalis purpurea

A. Commonly called as fox glove, Mesophytic plant

6. What is air curing?

A: A method used to cure tobacco leaves after harvesting

7. what is sap wood?

A: The part of wood that conducts water, minerals and nutrients

8. what is heart wood?

A: A hard dead core of the tree stem or trunk surrounding by lighter sapwood

9. what is fibre?

A: A long thin thread like structure

10. what is the scientific name of cotton?

A: Gossypium herbaceum