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Question Paper Code: U8A63

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2024

One Credit

Agricultural Engineering

21UAG863 SEED PRODUCTION TECHNOLOGY

(Regulations 2021)

Duration: 1.30 hours

Maximum: 50 Marks

Answer ALL Questions

PART A - (6 x 1 = 6 Marks)

1. Government of India have enacted Seeds act CO1-U
a) 1966 b) 1968 c) 1961 d) None of the above
2. For seeds in bulk At least 5 Primary samples CO1-U
a) Up to - 500 kg b) up to 100 kg c) Both 1 and 2 d) None of the above
3. Promulgated under essential commodities act CO1-U
a) 1983 b) 1968 c) 1961 d) None of the above
4. Each probe or handful of sample taken either in bag or in bulk is called ----- CO1-U
a) primary sample b) Composite c) Both (a) & (b) d) None of the above
5. Seed testing is determining the standards of a seed lot CO1-U
a) Physical purity b) Moisture
c) germination d) All the above
6. During processing of paddy seed, the work of perfect processing has to be evaluated CO1-U
a) Float test b) Water test c) Both (a) & (b) d) None of the above

PART – B (6 x 2= 12 Marks)

7. What are the Phases of seed certification CO1 – U
8. National Seed Policy Aims And Objectives CO1-U

9. Define seed distribution and marketing CO1 – U
10. Define seed. give explanation CO1 – U
11. what is Seed certification CO1 – U
12. What are the key characteristics of seed samples CO1 – U

PART – C (2 x 16= 32 Marks)

13. (a) Elaborate the Post-Harvest Supervision of Seed Crop and Pre-requisites for processing CO1 – U (16)
- or
- (b) Government of India evolved a New seed policy and how it has implemented CO1 – U (16)
14. (a) Field Inspection. The key points to be observed at each stage of inspection are seed farm CO1 – U (16)
- or
- (b) Illustrate the classes of seeds. Why should we give for seed classes? CO1 – U (16)