

## ICAR ARS NET Previous Questions on Agricultural Biotechnology

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**61. During *Agrobacterium* infections the plant cell begins to synthesize an Arginine derivative called as**

- Opines

**62. Enzyme used for making cDNA**

- Reverse transcriptase

**63. Reagent used for visualizing DNA?**

- Ethidium Bromide (EtBr)

**64. Enzyme used in PCR (Polymerase Chain Reaction)**

- Taq polymerase (Taq: *Thermus aquaticus*)

**65. PCR invented by**

- Kary Mullis

**66. In PCR, the double stranded DNA is generally denatured by**

- Temperature

**67. DBM paper is used for**

- Northern Blotting

**68. Number of base pair units in a single turn of DNA is**

- 10

**69. Father of Plant Tissue culture**

- Haberlandt

**70. A good molecular marker must be**

- Polymorphic, Heritable

**71. Acid fast staining used for which bacteria?**

- Mycobacterium

**72. Inhibitory action of Penicillin is**

- Cell wall synthesis

**73. DNA staining is done by**

- Feulgen staining

**74. The most widely used chemical for protoplast fusion, as fusogens, is**

- PEG(Poly Ethylene Glycol)

**75. In order to obtain virus free plants through tissue culture the best method is**

- Meristem culture

**76. Endochitinase can be used as an**

- Antifungal

**77. Flavr Savr is a variety of**

- tomato

**78. The chemical used as an inducer of the vir operons is**

- Acetosyringone

**79. The restriction enzyme useful to the molecular biologist belongs to**

- Type II

**80. Which amino acids can stabilize protein structure by forming covalent cross-links between polypeptide chains ?**

- Sulphur