

ICAR ARS NET Previous Questions on Agricultural Biotechnology

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

