

For Prelim – ARS / NET Examination:

Paper I-BASIC PLANT SCIENCES

(Memory Based Questions)

- 1) “Everything else may wait but not agriculture” statement was given by J.L.Nehru
- 2) Father of White Revolution? Dr.Varghese Kurien
- 3) National Bio diversity Board is situated in
(Chennai, Bangalore, Delhi, Hyderabad)
- 4) Ian Willmunt is associated with- Dolly (first cloned animal)
- 5) Red Blood Corpuscle formed in
(Heart, Liver, Bone marrow, Kidney)
- 6) Gas having highest green house effect per unit molecular weight basis
(CO₂, CH₄, CO, N₂O)
- 7) IPR stands for Intellectual Property Right
- 8) Name of Vitamin –C is known as Ascorbic acid
- 9) Water soluble vitamins are B & C (fat soluble vitamins are A,D,E,K,)
- 10) Which element is deficient in milk-Iron
- 11) Blue revolution is related with (Potato, milk, aquaculture, fertilizers)
- 12) One bale of cotton is 170kg
- 13) Climacteric fruit -Apple
- 14) Which GM crops occupies largest area in world-Soyabean
- 15) Genome of which plant (s) has completely sequenced- Arabidopsis & Rice
- 16) Edible part of apple: Thalamus
- 17) Birdflu is caused by Influenza A virus sub type:H5N1
- 18) Central Tobacco Research Institute -Rajhmundry
- 19) Farmers day-December 23
- 20) Operation flood is associated with (floods, crops, water, milk)
- 21) Khaira disease in rice occur due to the deficiency of Zinc

- 22) PCR invented by Kary Mullis
- 23) The main function of endoplasmic reticulum (rough ER) is protein synthesis
- 24) Beaufort Scale is used to measure-wind pressure/strength
- 25) The shortest phase of all mitosis phases is Anaphase
- 26) Who coined the term Gene: Johansson
- 27) The longest mitotic phase is prophase
- 28) The main site for dark reaction of photosynthesis is stroma
- 29) Rate of transpiration is determined by: Ganong's potometer
- 30) Apical bud dominance is caused by which hormone :Auxin