

Important Facts of Agriculture

1. Father of agronomy is - **peter decresenzi**.
2. Dr. **Biwant Rajis** the founder of Relay cropping .
3. The Directorate of cropping System research is located at - **Modipuram , meerut, U.P.**
4. Scientific study of mixed cropping was firstly done by - **La-Flitze (1928)**
5. Relay cropping concept was derived from - Relay race
6. Natural Resource management is an example of sustainable agriculture
7. Cropping System is a component of - framing System
8. When the sub crop are sown to supplement of yield of the main crop , the sub crops are known as -- augmenting crops
9. The main crop is grown in the centre , surrounded by hardy or thorny crops, the sub crop is known as - guard crops
10. The yield of both crops , grown together are found to be higher than the yield of their pure crops on unit area , such cropping is known as -- synergetic cropping
11. What is a cash crops -- those crops , which may be sold directly from the field without processing like vegetables , potato, etc.
12. Formula of Cropping Intensity = Total Cropping Area /total sown area *100
13. The growing of two or more crops on the same field in a year is called -- multiple cropping
14. The practice of raising grasses or pasture , is also known as -- ley farming
15. In India , the maximum acreage and production of wheat is in UP
16. The type of fruit of wheat is Caryopsis
17. The optimum temperature for ideal germination of wheat is 20 to 25 °C
18. Norin-10 gene was brought to USA by - **S.c. salamone 1984**
19. The dwarf winter variety of wheat first time developed through using Norin gene by - Dr. O.A.Vogel (USA)
20. Triple gene dwarf variety were released in 1970
21. Which is double gene dwarf varieties of wheat - HD 2204, Janak, UP 215, Pratap, Kalyansona, Arjun, Sonara 64
22. Single gene dwarf varieties are - Sonalika , Girija, UP-262 ,WI 711,Lerma Rojo 64A
23. The protein found in wheat flour which is helpful for chapati making - Gluten
24. Central Zig - Zag axis of wheat is called -Rachis
25. Mexican dwarf wheat was evolved by - Dr. N. E. Borlaug
26. The toxic alkaloid found in the leaves of sorghum crops is - **Dhurin** or HCN
27. CSH 1 was released as first dwarf sorghum hybrid in 1964
28. Which crop is known as camel crops - Sorghum
29. Native of jower is Africa (Ethiopia & Sudan)
30. The maximum area & Production of jowar is in Maharashtra
31. Jower is poor in lysine but rich in - Leucine
32. The inflorescence of jower is called – Panicle
33. First hybrid variety of bajra is HB-1 (1965) developed at PAU, Ludhiana
34. Protein content in Bajra is 11-12 %
35. Origin of bajra is Africa
36. Bajra is sensitive to - water logging and Acidic soil
37. The largest producer state of cotton in India is -Gujarat

- 38.** Bad opening of balls is known as - Tirak
- 39.** In cotton , the maturity of fibre is judged by – Arealometer
- 40.** H-777 is the cultivar of cotton
- 41.** Hybrid -4 is the first commercial cotton of the world developed by - Dr.C.T. Patel in 1970
- 42.** The leaves of cotton becomes radish in colour due to decrease nutrient uptake and moisture .
- 43.** Origin of cotton is from - India
- 44.** Cotton belongs to- malvaceae
- 45.** Intra - Specific hybrid of cotton is -Hybrid -6, savita, surya.
- 46.** Interspecific hybrid of cotton is - Varalaxmi , DCH-32 , HB -224 etc.
- 47.** One seed of cotton has 60000-80000 fibres
- 48.** Ginning % = wt. of lint / wt. of seed cotton taken for ginning * 100
- 49.** The removal of lower leaves which come in contact with soil and lose their commercial value is known as priming process.
- 50.** Priming method is used in - Cigarette and wrapper tobacco
- 51.** The main aim of topping and Desuckering is - to divert the energy and nutrient of plant from flower to leaves.
- 52.** The removal of the lateral branches or suckers or auxiliary buds is called - desuckring .
- 53.** Central tobacco research institute is situated at - Raja - h - Mundri, AP (1947)
- 54.** The richest source of protein among the food grain is - Pulses
- 55.** Head quarter of directorate of pulses research is located in - Kanpur UP
- 56.** Which pulse crop doesn't fix N₂ from atmosphere -Rajma
- 57.** The word pulse is derived from - French word pottage or poride means - soup (dal)
- 58.** The term legume is taken from - latin word - means to collect
- 59.** India is the largest producer of – gram
- 60.** The sour taste of gram leaf is due to presence of - Maleic acid(60%) and oxalic acid
- 61.** Shelling % of Pea is 49
- 62.** Harvest index of arhar is 19 %
- 63.** Origin of aarhar is from – Africa
- 64.** Queen of cereals is called Maize
- 65.** The composite cultivars of maize are - Kisan , jawahar ,Amber ,Vijay , Sona , Vikaram, etc.
- 66.** Maize is a C₄ Plant
- 67.** In India the rank first state in area and production of maize is UP
- 68.** The maize Protein is called- Zein
- 69.** Male inflorescence of maize is called –Tassel
- 70.** The critical stage for water application in maize is - Tasseling and silking stage
- 71.** Which Indian scientist shared world food prize for miracle maize - Dr.Sruinder K.Vasal(2000)
- 72.** Origin of maize from - Mexico
- 73.** All India Coordinated Maize Improvement Project was started in -1957 at New Delhi
- 74.** Double cross technique for hybrid seed production was developed by - D.F. Jones (1920)
- 75.** The idea of hybrid maize was first conceived by : E.M. east and G.H. Shull (1910)
- 76.** The criteria for harvesting of sugarcane - withering of lower leaves ,brix 20 % , sucrose 15 %
- 77.** Algin planting method of sugarcane is evolved by - Allahabad agriculture institute , Allahabad , UP
- 78.** Adsali sugarcane is common in Maharashtra
- 79.** sugarcane is planted in furrows because - it reduce lodging
- 80.** Inflorescence of sugarcane is generally called - Arrow or open panicle.

- 81.** Sucrose content in cane is - 13-14 %
- 82.** Sugar from juice is - 6-10%
- 83.** Hand refractometer reading for sugarcane maturity is 20
- 84.** Sugarcane breeding Institute is situated at - Coimbatore
- 85.** Adhaisali Sugar cane crop mature in 18 months
- 86.** father of hybrid rice is - Yuan Long Pin
- 87.** India's first dwarf variety released during 1968 was jaya .
- 88.** World's first high yielding semi dwarf basmati rice variety is - pusa basmati - 1
- 89.** World's first super rice variety for saline / alkaline soil – Lunishree
- 90.** Harvesting of paddy is done at moisture content - 21-23 %
- 91.** First mutant variety of rice is jagannath(gamma ray irradiation of T-141)
- 92.** Which gas is released from field of paddy - Methane (CH₄)
- 93.** SRI technique was originated in Madagascar in 1987 by prof. Henry De Laulanie
- 94.** First super fine aromatic basmati hybrid is - Pusa RH-10
- 95.** Oilseed production programme was started during - 1990-91
- 96.** Technology mission on oilseed was est. 1986
- 97.** National Research Centre for groundnut was est.at Junagarh (Gujarat)
- 98.** Indian central Oilseed Committee was est. 1947
- 99.** All India Coordinated Project on Oilseeds was est. during 1967
- 100.** Main adulteration in mustard - argemone mexicana oil
- 101.** Mustard fruit is known as - siliqua
- 102.** Pungency of mustard is done to - isothiocynate
- 103.** National seed corporation was established in March – 1963
- 104.** Seed Act was passed in 1966 (29 dec)
- 105.** Tetrazolium Test is done for - viability and vigour
- 106.** The Indian seed Act came into force on 2 oct 1969
- 107.** NSC started functioning in July 1963
- 108.** The head quarter of NSC is - Pusa compus , ND
- 109.** National Seed project was launched in – 1976
- 110.** The world meteorology is derived from- Greek language
- 111.** International meteorological organization was est. in – 1873
- 112.** Division of Agri. Meteorology at pune , Maharashtra was est. in 1932
- 113.** Solar radiation is measured by – pyranometer(total incoming radiations)
- 114.** Agro Ecological Zones in India is 8(by NARP ICAR), 21(by NBSSLUP)—but now only 20
- 115.** Agro -climatic zones (15 nos.) are formed in India during 7th five year plan (1988)
- 116.** The green Ouse gases are - CO₂ , CFC , CH₄, etc.
- 117.** Indian meteorological Dept. was est. in the year of -1875
- 118.** Wind velocity is measured by -Anemometer .
- 119.** Father of agro- climatology is - Koppen
- 120.** Koppen classified the climate based on - temperature & Precipitation
- 121.** The study of weather is called – meteorology
- 122.** The term weed was firstly used by - jethrotull
- 123.** National Research centre for weed science is situated at-Jabalpur (MP)
- 124.** Commercial mycoherbicides first appeared in market USA in early 1980s
- 125.** National horticulture board was est.at Gurgaon (Haryana)

- 126.** First all India coordinated floriculture Improvement project was started in 1971
- 127.** Central temperate Horticulture Research institute is situated at - Srinagar (J&K)
- 128.** International institute of horticulture is situated in – Brazil
- 129.** Who is the father of pomology – Decandolle
- 130.** National horticulture board was est. in the year 1984
- 131.** Who was the first deputy director general of horticulture , ICAR - dr. K.L. Chadha
- 132.** Which vegetable rank first among vegetable crops in production in the world – potato
- 133.** In India , potato was introduced by Portuguese in 1965
- 134.** Research on potato was stared at IARI New Delhi in – 1935
- 135.** The International potato centre was est.in 1971 at lima (Peru)
- 136.** Central potato Research Institute was est. in – 1949
- 137.** Seed plant technique was developed by - Dr. Pushkarnath
- 138.** The Head quarter of CPRI was Shifted from Patna to Shimla in 1956
- 139.** True potato seed concept was first realize to raise commercial crop in India by Dr. S.Ramanujam (First director of CPRI)
- 140.** Cauliflower was introduced in India by Dr. Jemson from Kew Garden, London in the year 1822
- 141.** Male sterility in cauliflower was introduced by Peerson (1981)
- 142.** The toxic substance of cucurbits is – cucurbitacin
- 143.** Which hormones are used in cucurbits to modify sex and to induce femaleness - GA & NAA
- 144.** Seedless variety of mango is - Sindhu (devloped at FRS vengurula)
- 145.** Most exported variety of mango is - Alphonso
- 146.** Black tip in mango is a physiological disorder due to brick clin fumes mostly CO, SO₂ or deficiency of boron
- 147.** Which type of incompatibility is found in mango - gemtophytic
- 148.** Mango variety , most suitable for high density planting is Amarpali
- 149.** Mango inflorescence contains , which type of flowers - male and hermaphrodite
- 150.** The off season mango variety is - Niranjan
- 151.** The only mutant cultivarr of mango is – Rosica
- 152.** Magnifera contains about 41 species
- 153.** The regular bearing varieties of mango are - neeum , Banglora , pairi, etc .
- 154.** Mosambi a sweet orange cultivar was introduced from - Mozambi ue
- 155.** The edible portion of citrus fruits is -juicy placental hairs
- 156.** The first record of the name grape fruit in jamaica was in – 1814
- 157.** The Banana breeding was first stared at - Imperial college of tropical agriculture in Trinidad (1922)
- 158.** Banana Breeding was stared in India in 1949 at central Banana Research station , aduthurai (TN)
- 159.** Banana can be stored at - 13 C and 85 % RH
- 160.** Banana initiate flowering 9-12 months after Planting
- 161.** The notice is papaya is tropical America
- 162.** The yellow pigment in papaya is caricaanthin
- 163.** Papaya is the richest source of vitamin A next to mango it contains 2020 IU/ 100 g fruit
- 164.** King of temperate fruit is - Apple
- 165.** Family of apple is Rosaceae
- 166.** Mother of all delicious group of cultivars is - red delicious
- 167.** The king of arid fruit is ber
- 168.** The commercial propagation method off grape is - hard wood cutting

- 169.** In India the black soil is mostly found in - Maharashtra
- 170.** Red soil is mostly found in – Tamilnadu
- 171.** The soil which is most suitable for most crops is - sandy loam
- 172.** Red colour in the red soils is due to presence of various oxides of iron
- 173.** The vertical section of the soil showing the various layers from the surface to the unaffected parent material is known as - soil profile .
- 174.** The arrangement of soil particles and their aggregate into certain defined is called - soil structure
- 175.** Particle density of soil is also known as - true density
- 176.** Generally the particle density of normal soil is - 2.65 gram/cm³
- 177.** The bulk density of normal soil is - 1.33 g/cm³
- 178.** The formula of porosity of soil is - porosity = $100 - (\text{bulk density} / \text{Particle density})$
- 179.** The certain exchange capacity (CEC) of montmorillonite is - 60-100 me / 100 gm
- 180.** The first soil classification system was developed by - Russian scientist Dokuchaev (1880)
- 181.** The U.S classification system the soil orders are – 10
- 182.** Formula of bulk density is= wt. of soil / volume of solids and pores
- 183.** Law of minimum was given by - Vn Liebig (1840)
- 184.** Top most mineral horizon is - A horizon
- 185.** Exchangeable sodium %age is also known as soluble %age
- 186.** The term pH was introduced by Sorenson (1909)
- 187.** Energy exchange elements are H & O
- 188.** K & Na is determined by Flame Photometer
- 189.** Micro nutrient is also known as - trace element , Oligo -element or spurned elements
- 190.** Crop logging technique was given by - H. F. Clements
- 191.** Metal nutrients are - K, Fe, Ca, Mg, Mn, Zn, Cu.
- 192.** Highly mobile nutrients are - N,P,K.
- 193.** Criteria of essentiality was proposed by Arnon & Stout (1939)
- 194.** The term fictional nutrient was proposed by - Nicholas (1961)
- 195.** Moderate mobile nutrient is Zn
- 196.** FYM contains - 0.5% N , 0.2 % P₂O₅ & 0.5 % K₂O
- 197.** The P is available at 6-7 pH
- 198.** Bio fertilizers are - Rhizobium , Azotobacter, Azospirillum , PSB, VAM,BGA, etc.
- 199.** Approx. 20 gram of rhizobium culture is required to treat one kg seed
- 200.** One packet of rhizobium culture contains 20 gram of rhizobium culture
- 201.** Azotobacter is used for - Rice , cotton , s.cane
- 202.** Azospirillum bio fertilizer used for Sorghum
- 203.** The cytoplasm and nucleus combinedly called - protoplasm
- 204.** Cell theory was proposed by M.J. Schleiden and Theodo Schwann
- 205.** The term Lysosomes was first used by Dave in 1955
- 206.** The main function of Golgi bodies are - packaging of food materials such as protein , lipids etc.
- 207.** The function of ribosomes are - protein synthesis
- 208.** The term mitochondria was given by - C Benda (1897)
- 209.** The simple microscope was invented by - Galileo (1610)
- 210.** The shortest phase of all mitosis phase is - Anaphase
- 211.** Meiotic division is also known as reductional division
- 212.** The term mitosis was coined by Fleming (1882)

- 213.** Mitosis occurs in Somatic cells
214. Segregation occurs during meiosis
215. The longest mitotic phase is -Prophase
216. Absorption Spectrum of photosynthesis is blue and red
217. Action Spectrum of photosynthesis is red and blue
218. Dark reaction was discovered by Blackman
219. Dark reaction is also known as - Blackman reaction or C₃ – cycle
220. The main site for dark reaction of photosynthesis is – stroma
221. The evaporation of water from plants is called - transpiration
222. Evaporation from soil and transpiration combined are called ET
223. C₄ Plants proposed by Hatch and slack (1970)
224. The darkk reaction process of photosynthesis has been named variously - Calvin cycle or Blackman reaction
225. Light reaction is also known as Hill reaction
226. In photosynthesis , the solar energy converts into - Chemical energy
227. The OSMOSIS term was given by - Abble Nollet (1748)
228. The term “diffusion pressure deficit “ was introduced by - Meyer in 1938
229. The term Imbibition was coined by - Sachs
230. Imbibition Pressure is also known as - Matric Potential
231. Root pressure word was coined by- Stephan Hales
232. Father of Physiology - Stephan Hales
233. Soil les cultivation of plants is known as Hydroponics
234. Rate of transpiration is determined by - Potometer
235. The loss of sap (water) from the injured parts of plants is called - Bleeding
236. Approximately 90% of the world photosynthesis is carried out by - Marine and frsh water algae
237. Net production of ATP in Glycolysis is 2
238. Growth rate is measured by Auxanometer & Cresco graph
239. Photoperiodism term was coined by -TD Lysenko (1920)
240. Apical Bud dominance is caused by which hormone - Auxin
241. Which hormones is used as a herbicide=auxin
242. Which hormone is related to drought tolerance- abscic acid (ABA)
243. Dormancy break by which hormone - Cytokinins
244. Stress hardening in plants can be active by which hormone ABA
245. Fruit ripening hormone is - ethylene
246. The term auxin was used by - Frits went (Holland) 1905
247. Want's auxin is now known as - Indole -3-acetic acid (IAA)
248. Which hormones are the Auxin - IAA, IBA, NAA , 2-4-D,2,4,5-T' MCPA ,IPA TIBA etc
249. Shedding of plant parts is due to- ABA hormones
250. Cycocel (CCC) is a growth retardant
251. The most widely used auxin herbiceds are 2-4-D,2,4,5-T' MCPA
252. Gibberellins were first discovered in japan
253. The hormones also known as - Photo hormones , growth hormones , growth substances
254. Main auxin is also known as -IAA
255. Root promoting hormones is IBA
256. The precursor of IAA is - Tryptophasne

- 257.** Synthesis of IAA in plants requires Zinc
- 258.** The term phytohormone for hormones of plants is suggested by - Thimann (1948)
- 259.** The term genetic resources was coined by - Frankel
- 260.** Mendel began his famous experiments on Pea in 1857
- 261.** Mendel Paper entitled “Experiments in Plant Hybridization “ was presented in German Language in two papers in 1865 (feb 8 and march 8)
- 262.** Mendel Paper published in the annual proceeding of society in 1866
- 263.** The term “Genetics” was coined by - Bateson (1905)
- 264.** The term gene , genotype and phenotype were used by - Johannsen in 1903
- 265.** Germplasm theory was proposed by Weismann
- 266.** Crossing over term was used first time by- Morgan and Cattell in 1911
- 267.** Operon model of gene regulation was discovered by - Jacob and Monad 1961
- 268.** The term chromosome was coined by - Waldeyer in 1888
- 269.** One gene one enzyme hypothesis was proposed by- Beadle and Tatum In 1941
- 270.** First time gene was divided into cistron, muton and recombinant by Benzer (1955)
- 271.** Sex chromosomes are also known as allosomes
- 272.** Crossing over occurs in - Pachytene stage
- 273.** The tendency of two or more genes to remain together in the same chromosome during inheritance is referred to as - Linkage
- 274.** Chiasma type theory of crossing over was proposed by - Janssens
- 275.** Genic balance system of sex determination was proposed by- Bridges in 1922
- 276.** Monogenic sex determination is found in - Asparagus , Papaya , maize , spinach etc.
- 277.** The homozygous progeny of a self - pollinated homozygous plant is known as - Pure lines
- 278.** The concept of purelines theory was developed by - Johannsen (1903), Danish biologist
- 279.** Breeding method for self -pollinated crops are - Pure line selection , Mass Selection , Progeny selection, Bulk Method, Pedigree method , single seed descent method , Back cross Method
- 280.** A multiline variety is a mixture of -Several pure lines
- 281.** Bulk method was first used by- Nelson Ehle in 1908
- 282.** The modification of bulk method is - Single seed descent
- 283.** In pure line Theory ,Johannsen was working on- Princess variety of Rajma
- 284.** Mass Pedigree Method was proposed by- Harrington in 1937
- 285.** The oldest method of selection is - mass Selection
- 286.** Progeny test was developed by -Louis de Vilmorin
- 287.** Progeny Test is also known as - Vilmorin isolation principle
- 288.** Single seed Descent method applied for the first time in oat in 1965 by – Graphius
- 289.** The term recurrent selection was coined by -Hull in 1945
- 290.** The use of synthetic varieties for commercial cultivation was first suggested in maize by-Hayes and Garber , 1919
- 291.** Synthetic varieties are maintained by-open Pollination
- 292.** A synthetic variety can be developed from-Inbreds, clones and open pollinated varieties .
- 293.** The general or basic concept in the development of synthetic varieties is - Exploitation of hybrid vigour
- 294.** The concept of disruptive mating and selection was developed by - Mather (1953) and Thoday (1958)
- 295.** The Concept of dialled selective mating system was originally developed by - Jones in 1970
- 296.** The heterosis is also known as - Hybrid vigour
- 297.** The term heterosis was first used by - Shull in 1914

- 298.** Dominance theory was proposed by - Devenport in 1908
- 299.** The cross between inbred line and open pollinated variety was done in - top cross method
- 300.** The resistance of host to the particular race of a pathogen is known as - vertical resistance
- 301.** vertical resistance is governed by- One or few genes
- 302.** The resistance of host to the all race of a pathogen is known as - Horizontal resistance
- 303.** The concept of gene for gene hypothesis was first developed by- flor in 1946
- 304.** The disease resistance is governed by- several genes
- 305.** Who developed the concept of vertical and horizontal resistance - j. E . Vender Plank (1963)
- 306.** Father of genetic engineering is - Pual Berg
- 307.** Polymerase chain reaction (PCR) was developed by - Dr. Karl Mullis (1980)
- 308.** Golden rice was developed by Ingo protrykus and peter bayer
- 309.** The plant part , which is used for regeneration is called - Explant
- 310.** A mass of regenerated cells i culture medium is called - Callus
- 311.** the suspension of free cells of callus in a liquid medium is known as - Suspension culture
- 312.** the regeneration capacity or ability of a plant cell to develop into whole plant is known as – Totipotency
- 313.** What is the embryogenesis - It is the process of formation of somatic embryos from callus
- 314.** the process of dirrerentiation of shoot & root from the somatic embyos is called – organogenesis
- 315.** Regeneration of whole plant from anther is called - anther culture
- 316.** Haploid are developed by - Anther culture
- 317.** The Blue biotechnology is a term that has been used to describe - The marine and a uatic application of to describe
- 318.** The biotechnology applied to agriculture process is known as -Industrial Biotechnology
- 319.** the first genetically modified food product was a -Tomato , which was transformed to delay its ripening
- 320.** M-RNA is primarily used for - Transcription of DNA
- 321.** RFLP stands for - Restricting fragment length polymorphism
- 322.** Plant tissue culture was begun by - G. Haberlandt (geman botanist) in 1808
- 323.** research in the area of tissue culture was first stared in india at - Department of Botany , DU in 1960s
- 324.** National bureau of plant genetics resources is situated at -New Delhi
- 325.** The project on Indian mustard oil with higher b-carotene is initiated by - TERI
- 326.** A genotype developed by the process of genetic engineering is called - Transgenic
- 327.** what is gene cloning - A technique of genetic engineering , which is used to make several identical copies of a gene is called gene cloning
- 328.** which soil borne bacterium is used for developed of transgenic plants - agrobacterium tumifaciens
- 329.** In potato , the protein quality has been improved by - transferring serum albumin gene from human
- 330.** In tobacco , cold resistance power has been achieved by tranering gene from -Arabidopsis thaliana
- 331.** Little leaf of citrus is caused by - MLO,s
- 332.** Pahala blighted s.cane is caused due to deficiency of - Mn
- 333.** Reclamation disease is caused due to the deficiency of – Cu
- 334.** Late blight of potato is caused by - Phytophthora infestence (fungi)
- 335.** Bunchy top of banana is caused by – virus
- 336.** Grassy shoot disease of s.cane is caused by – mycoplasma
- 337.** kresek in rice is caused by - Xanthomonas oryzae
- 338.** heart rot of sugar beat is casued by - Deficiency of boron
- 339.** Most dangerous disease of potato - Late blight of potato
- 340.** Philology disease in plants is caused by - Mycoplasma

- 341.** Club root of cauliflower is caused by- *Plasmodiosphora brassicae*
- 342.** Sheath blight of rice is caused by- *Rhizoctonia solani*
- 343.** vector of leaf -curl disease in cotton is - White flies
- 344.** Orobanche is a parasite associated with – tobacco
- 345.** Akiochi disease is due to - sulphur toxicity
- 346.** White rust of crucifers is caused by - *Albugo, candida , fungi*
- 347.** Ufra disease in rice is caused by- Nematode
- 348.** Whiptail of cauliflower is due to the deficiency of - Mo.
- 349.** Vector of rice tungro virus is - Green leaf hopper
- 350.** Kresek symptom is found in - Bacterial blight
- 351.** loose smut disease of wheat is a - Internally seed Borne
- 352.** Mantek Disease of rice is caused by - Rice root nematode
- 353.** Yellow leaves of tea occur due to the deficiency of – Sulphur
- 354.** Die back of shoots occur due to deficiency of - Copper
- 355.** die back is the major disease of rose in India
- 356.** Crop showing maximum resistance to nematode is - marigold
- 357.** The late blight disease destroy the potato crop of Ireland in 1845
- 358.** Father of pathology is - Anton de berry
- 359.** Father of mycology is - P.A. Micheli
- 360.** Life cycle of wheat rust is given by - K.C. Mehta
- 361.** Top sickness of tobacco is caused by - Deficiency of boron
- 362.** The pathogen associated with the discovery of bordeaux mixture is - *Plasmophora viticola*
- 363.** Loose smut of wheat can be controlled by seed treatment of – Vitavax
- 364.** Late blight of potato was introduced in India for first-time in - nilgiri –hills
- 365.** Black heart of potato is caused by - Poor ventilation in storage (lack of oxygen)
- 366.** The tundu disease of wheat is usually associated with nematode known as – *anguina tririci*
- 367.** Udabatta disease of rice is due to -- *Ephelis oryzae*
- 368.** Ring rust of Aonla is caused by - *Ravenellia emblica* var. *fructoidae*
- 369.** Flag smut of wheat is caused by - *Urouystis gramines*
- 370.** Leaf curl disease of tobacco is caused by virus and it is transmitted by - White fly
- 371.** Leaf blight of cotton is caused by - *Alternaria macrospora*
- 372.** father of nematology – **Bastian**
- 373.** Father of Microbiology - Louis Pasteur
- 374.** Bacterium was discovered by – Antony van leewenhook
- 375.** fungicide used in the control of smut is – Vitavax
- 376.** father of modern Plant pathology is - Anton de Berry
- 377.** bordeaux mixture was developed by - P.M.A. Millardet
- 378.** Common nematicides are - **DD** Mixture , Phorate , Ethylene **bromide** , etc.
- 379.** Central Plant protection training institute is situated at - Hyderabad (AP)
- 380.** first plant protection adviser to govt. of India - H.S. Pruthvi.
- 381.** integrated pest control term was coined by - Bartlett (1956)
- 382.** The Term “ Pest Management “ was given by - Geier (1970)
- 383.** The blood colour of insects is - Green with yellow
- 384.** Honeybees belongs to the order of – Hymenoptera
- 385.** Entomology word was taken from - Greek language

- 386.** Father of Insect Physiology is – Wiggelworth
- 387.** The first pesticide was discovered by -Millardet-(1882)
- 388.** DDT was discovered by - **Zedler** scientist
- 389.** First insecticide discovered was – DDT
- 390.** Plant protection and quarantine Act was passed in the year of – 1912
- 391.** insecticide act was passed in 1968
- 392.** destructive insect and Pest Act was passed in – **1914**
- 393.** Maximum %age of insecticide is used in which crop - Cotton (54 %)
- 394.** “Warfarin “ is a rodenticide
- 395.** Contact insecticides are - DDT, Malathian , Aldicarb , Monocrotophos , Aldrin , etc.
- 396.** Bio pesticides are - NPV, GV, Bacillus thuringiensis etc.
- 397.** Pest population should be kept below the - Economic Threshold level
- 398.** Very safest insecticide for honeybee – Endosulphon
- 399.** Rat poison is known as - Zinc phosphide (Zn3P2)
- 400.** Lead arsenate was first used in 1832 by Moulton
- 401.** **Overhead** cost is known as - **Fixed cost**
- 402.** Price theory is a branch of - Micro- Economics
- 403.** **Average** cost is equal to - Total cost / Output
- 404.** Land rent is an example of fixed cost
- 405.** **prime** cost is also known as - **Variable** cost
- 406.** **opportunity** cost is also known as - **alternative** cost
- 407.** The father of economics is - Adam Smith
- 408.** Diminishing return is also known as - Law of variable
- 409.** The most effective way to overcome the defects of agricultural marketing is - Regulating marketing
- 410.** the law of variable proportion is generally referred to as the - law of diminishing return production is a function of - Factors
- 411.** AGMARK act was enforced in a year – 1937
- 412.** In mixed farming , the contribution of livestock to gross farm income is at least
- 413.** Input -Output relationship is also known as - production function
- 414.** Those product , in which two product produced together are called - joint product
- 415.** Dumping activity is seen under - monopoly
- 416.** Export - Import bank of India was set up on - 1st January , 1982
- 417.** IRDP was started in the year of - 2 Oct , 1980
- 418.** When marginal **production** is zero , then total production is – **maximum**
- 419.** National demonstration \project was started in the year
- 420.** KVK is also known as - Farm **science** centre
- 421.** KVK was started in the year 1974
- 422.** Operational Research Project was started in the year 1974-75
- 423.** lab to land programme was started in the year - 1979 **June 1**
- 424.** National agri. technology project was started in the year 1998-99
- 425.** KVK was recommended by- Mohan Singh Mehta Committee (1974)
- 426.** Community Development Project was started on – 1952
- 427.** National Extension Service (NES) was started in the year of 1953
- 428.** Firk Development Scheme was launched under the guidance of National Commission of Agriculture was set up by government of India – 1970

- 429.** HYVP was started in the year of 1966
- 430.** Marthendam programme was started by - Dr. Spencer Hatch in 1921
- 431.** etawah Pilot project was started by - Mr.Albert Mayer in Sep 1948
- 432.** Indian village Service was started in 1945 by - Mr. Arther T. Mosher and Shri BN gupta
- 433.** The aim of Etowah Pilot project is - Introducing intensive work on the Rural reconstruction front
- 434.** Intensive Agriculture District programme was popularly known as - Package programme
- 435.** IRDP was lunched on - 2 oct 1980
- 436.** National Agricultural Research project was launched in - Jan, 1979
- 437.** T&V system was evolved in - 1973 by Israeli expert Daniel Benor At Turkey
- 438.** Training of Rural Youth for Self Employment (TRYSEM) in 1979
- 439.** Total number of KVK operating in the country till Dec 2011 – 600
- 440.** Antuadya Yojana was started in 2 oct 1977
- 441.** Sampoorna Grammeen Rojgar Yojna was started in the year of 2001
- 442.** FCI was started in 1970
- 443.** **FISCAL** commission was appointed in 1949
- 444.** Multiple Cropping Programming was Started in 1966
- 445.** First irrigation commission was appointed in 1901
- 446.** first deptt. of agriculture was established in 1881
- 447.** the extension work must be based on the - Need and interest of people
- 448.** Father of Extension- J paul Leagons
- 449.** father of Sociology- August Commte
- 450.** National agricultural innovation project was stared in – 2005
- 451.** Total number of national bureaux are – six
- 452.** Formula of coefficient of variance is - $SD/Mean *100$
- 453.** t test is generally used , when sample size is < 30
- 454.** The correlation coefficient lies between - -1 to + 1
- 455.** The experimental design ,which simultaneously control the variation in two directions is known as LSD
- 456.** The basic principles of field experimentation - 1 Replication 2 Randomized 3 Local control
- 457.** The technique of analysis of variance was developed by - R.A. Fisher
- 458.** If fertility gradient of land is in two directions , the experimental design will be - Latin Square design
- 459.** the most commonly used measure of control tendency is - Arithmetic mean
- 460.** Cumulative frequency is also known as – Ogive
- 461.** The term ' Kurtosis ' was given by - Karl Pearson (1906)
- 462.** Laplace used the normal distribution in - Analysis of errors of experiments
- 463.** the important method of least squares was introduced by - Legendre in 1805
- 464.** The name “ Normal distribution “ was coined independently by - Peirce Galton and Lexix , (1875)
- 465.** Normal distribution is also known as - Law of error ,law of facility of error, lapace's seconf law , gaussian law etc.
- 466.** Generalize mean is also known as - Power mean or Holder mean
- 467.** The standard deviation is widely used measure of - Variability or dispersion
- 468.** The term standard deviation was first used by - Karl Pearson in 1894
- 469.** if mean , medium and mode is equal , then skewness will be – zero
- 470.** Correlation's are useful because they can indicate a - Predictive relationship
- 471.** which ANOVA is used when the experimenter want to study the effects of two or more treatment variables - Factorial ANOVA

- 472.** Which ANOVA is used when the subjects are subjects to repeated measures , in which the same subjects are used for each treatment - Two- Way Anova
- 473.** The completely randomized design is considered to be most useful in situation where
1. The experimental units are homogeneous
 2. The experimental are small such as Laboratory experiments
 3. Some experimental units are likely to be destroyed
- 474.** In field experiments the commonly used design is – RBD
- 475.** For chi- square test , the minimum sample size should be – 50
- 476.** Define biometry - It deals with observation with living thing
- 477.** mean , median and mode are equal in - normal distribution
- 478.** most frequent number in a data set , is known as - mode
- 479.** the well-known example of skewed distribution is - Personal wealth
- 480.** Harmonic mean is the - Reciprocal of arithmetic mean
- 481.** the term z - test is often used to refer specifically to the - one sample location test
- 482.** t Test is a - Parametric test
- 483.** the goodness of fit test is also known as - kolmogorov - smirnov test
- 484.** The number of independent pieces of information that go into the estimate of a parameter is called - Degree of freedom
- 485.** The typical symbol for degree of freedom is - d.f.
- 486.** F-test was coined by - George W. Snedecor , in honour of sir Ronald A fisher
- 487.** The term “ water harvesting “ was first used by – myors
- 488.** The force working with the attraction of water molecules toward each other is known as - Cohesion
- 489.** The force working with the attraction of water molecules toward solid particles is known as – Adhesion
- 490.** The water held tightly to the surface of soil particles by adsorption forces is known as - Hygroscopic water
- 491.** Water held by force of surface as continuous film around soil particles and in capillary space is known as - capillary water
- 492.** Capillary water is held between tension of 31 and 1/3 atmosphere
- 493.** the movement of water from the surface into the soil is Called - Infiltration
- 494.** The water moves freely in response to gravitational force and drain out of the soil is called as gravitational water
- 495.** the water between field capacity & permanent wilting point is called as - Available water
- 496.** Drip irrigation concept was proposed by - Simcha blass
- 497.** One ha. Cm of irrigation is equal to 100000 litters
- 498.** major source of irrigation in India is wells (52%)
- 499.** Which irrigation method is widely used in fruit orchard - Bain method
- 500.** Intermittent on & off system used in irrigation method is
- 501.** the automatic method of surface irrigation is - Coblegation
- 502.** leading state in drip irrigation in India is - Maharashtra
- 503.** Soil moisture is measured by - Tension meter
- 504.** Water requirement of irrigation wetland rice is about -1500MM
- 505.** total water requirement of sugarcane crop is 200-300 cm
- 506.** in saline soil , the method for irrigation used s - flood method
- 507.** pF value was first introduced by- Schofield
- 508.** vertical movement of water in soil is known as – Percolation

- 509.** ET are measured by – Lysimeter
- 510.** parsall flume is used for measurement of - water Flow
- 511.** Sericulture is also known as -Silk Farming
- 512.** the rearing of silkworms for the production of raw silk is known as – Sericulture
- 513.** How much silkworms are required to produce 1kg of silk 5500
- 514.** How much people are engaged in various sericulture activities in the country - 60 lakh
- 515.** Central Sericulture research & Training Institute is situated at - Mysore , Karnataka
- 516.** Sericulture has been practiced for at least 5000 years in china
- 517.** Apiculture is also known as bee keeping
- 518.** Apiculture word was taken from - Latin world
- 519.** A location where bees are kept is called An Apiary
- 520.** A beekeeper is also known as - Apiarist
- 521.** A beekeeper bee in order to - Collect honey , bee wax, to pollinate crops , to produce bees for sale
- 522.** What is beekeeping - I is maintenance of honey bee colonies , commonly in hives , by humans
- 523.** the two economically important products of bee keeping is Honey and wax
- 524.** average yield of Indian bee is - 6-8 Kg /Cony / year
- 525.** The main freshwater fish are - Cop and catfish
- 526.** the main brackish - water fish are - Hilsa and mullet
- 527.** central Institute of marine Fisheries Research was established - Kochi , kerla
- 528.** The central inland fisheries Institute was established at - Barrack pure (W.B)
- 529.** The central institute of fisheries technology was est. at - Wwellindon Island near Kochi , Kerala
- 530.** Hydroponics' is also known as - Soil less culture
- 531.** The Method of growing plants using minerals nutrients solutions , in water, without soil is called - hydroponics
- 532.** In 1699 john Woodward published his water culture experiment with the crop of – Spearmint
- 533.** Hydroponics traditionally known as - solution culture
- 534.** First time who promoted that solution culture can be used for agriculture crop production - Prof. William Frederich Gericks , University of California at Berkeley in 1929
- 535.** The term Aquaculture for hydroponics was used for the first time by Prof. William F.G.
- 536.** The Mutant Varity of rice is - Jagannath
- 537.** The Pecursor of vitamin - A is - Bita carotene
- 538.** Azolla is a - a uatic fern
- 539.** The Blur revolution in India was started during - fifth five year plan (1970)
- 540.** Evergreen revolution is related to - Sustainable crop Production
- 541.** Precision Farming is also known as - Site specific management
- 542.** SRI technique Was developed in – Madagascar
- 543.** The term synecology was given by - Schroter & Kirchner (1902)
- 544.** Pusa Mukta is the cultivar of Cabbage
- 545.** World's super rice variety , which is suitable for saline / Alkaline soil conditions is –Lunishree
- 546.** NRCMAP is currently est. at- An and (Gujarat)
- 547.** IPR stands for - intellectual Property Right
- 548.** Beaufort Scale is used t measure - WIND pressure / strength
- 549.** What is dioeciously ? Those plants which contain on male and female flowers
- 550.** The element that play an important male and female protoplasm constituent is – calcium
- 551.** Wheat is a C3 plant

- 552.** The plant parasite nematode was first time reported by -Kanche
- 553.** Mean ,Median and Mode is equal in - Normal distribution
- 554.** The inflorescence of jowar is called – Panicle
- 555.** Gromer , SCU and CDU are the - Slow release fertilizers
- 556.** Low of tolerance was introduced by - SHELFORD
- 557.** End product of glycolysis is – Pyruvate
- 558.** define lithophytes - The plant grown is rock cervices are called lithophytes
- 559.** During glycolysis , the Net gain of ATP is - 2
- 560.** Phosphorus is extracted by - Olsen method
- 561.** The correlation between price and demand of a commodity is –negative
- 562.** The limit of partial correlation coefficient is - -1 to +1
- 563.** For reclamation of saline and Alkaline soils used are - Gypsum and Pyrite
- 564.** The term ecosystem was coined by - A.G.Tansley (1935)
- 565.** What is parthenocarpy - The development of fruit without fertilization
- 566.** The development of embryo without fertilization is called - Apomixes
- 567.** Relative humidity is measured by- Pshychrometer
- 568.** Father of Indian pale botany is - Birbal sahni
- 569.** The weed used for ornamental purpose is- Lantana Camaera
- 570.** The core component of chlorophyll is – Mg
- 571.** The soybean is sown at the depth of - 3 cm
- 572.** The most prominent soil of India is - Alluvial soil
- 573.** Chisma is seen during - Diplotene sub - Phase
- 574.** The current method used for control of bollworm in cotton is - Bt. transgenic cotton produced
- 575.** Photo- Respiration occurs in – Chloroplast
- 576.** Water use efficiency is highest in which plants - CAM Plants
- 577.** Chromosomal theory of inheritance was proposed by- Sutton & Boveri
- 578.** The price fixed by govt. is called - minimum support price
- 579.** The present farming system of India has become - Market oriented
- 580.** Which chemical is mostly used for breaking tuber dormancy in potato-thiourea
- 581.** The term water harvesting was first time used by - Mayers
- 582.** The first commercial hybrid cotton of the world is - Hybrid -4
- 583.** International Day for biological diversity - 22 May
- 584.** Measuring of heights one by – Clinometer
- 585.** The number of electrons for conversion of NO_3^- to NH_4^{+1}
- 586.** Bangalore is also known as Garden city
- 587.** origin of potato is from - Peru (S. America)
- 588.** Dormancy breaking hormone is – cytokinin
- 589.** the element involved in energy transfer and storage in plants is - Phosphorus
- 590.** Fruit ripening hormone is – Ethylene
- 591.** which is the antidote of insect poisoning -Atropine
- 592.** Minimum support price is formulated by- CACP(total 28 crops)
- 593.** Luxury consumption or maximum uptake nutrient is- K
- 594.** Crop canopy temperature is measured by - Infra red thermometer
- 595.** Secondary Plant nutrients are- Ca, Mg, & S
- 596.** hulling %age in rice is - 65 %

- 597.** First agriculture chemist of Imperial Agricultural Research Station was
- 598.** Which method of s.cane sowing prevents the lodging - Trench method
- 599.** Inflorescence of sugarcane is called – Arrow
- 600.** Shedding of plants part is due to - ABA hormone
- 601.** First hybrid in the world of red gram is -ICPH-8
- 602.** The most preferable soil structure for agriculture is - Granular & Crumby
- 603.** Taxonomically organic soils are – Histosols
- 604.** Which soil is most suitable for dry land agriculture - Black soil
- 605.** First man made cereal is – Triticale
- 606.** Dead heart and white ear disease is related to – Rice
- 607.** IBPGR is situated at - Italy , Rome
- 608.** India's share in the fruit production in the world is 10 %
- 609.** What is relay cropping - The second crop sown before harvesting of first crop
- 610.** Measurement of sunlight intensity is expressed in - Lux units(old)/Einstein(new)
- 611.** In water logged arid gas found in abundant – Methane
- 612.** Curing process is related to the crop- Tobacco
- 613.** The book “ nature & Properties of soil “ is written by - N.C. Brady
- 614.** Chemical used for delinting of cottons - H_2So_4
- 615.** Maximum N loss in rice crop is due to - Denitrification
- 616.** Wind velocity can be measured by – Anemometer
- 617.** Queen of spices is – Cardamom
- 618.** buck wheat is called - Psedo cereal
- 619.** Very dangerous disease of s.cane is red rot
- 620.** World's staple food is - Rice
- 621.** Fibre of cotton contains – Cellulose
- 622.** Movement from higher concentration to lower concentrationn is known as - diffusion
- 623.** Gold of America is known as - Soybean
- 624.** Formula of Net Capital ratio is - Total assets /Total liabilities
- 625.** Theory of evolution was given by - charles Darwin
- 626.** Which Indian Scientist shared world food prize for miracle maize - Dr. Surinder K. Vasal
- 627.** ICAR day is celebrated on 16 July
- 628.** Light red carnation represent to – Admiration
- 629.** ANOVA table stands for analysis of - Variance
- 630.** Formula of harvest index is - Economical yield / Biological yield * 100
- 631.** RBI was est. in 1935
- 632.** Who discovered vitamin – Funk
- 633.** Regur soil refers to - Black soil
- 634.** Biological active form of glucose is - D-form
- 635.** Lodging preventor is - CCC (Cycocel)
- 636.** FAO was started in 1948
- 637.** Which design is used when fertility gradient is in two direction – LSD
- 638.** International pest is Schistacerca gregaria
- 639.** Bhoodon movement was started in 1951
- 640.** Cooperative movement was started by- F. Nicholus (1904)
- 641.** Flared square symptoms are seen in cotton due to the - Spotted boll worm

- 642.** CAN is a Neutral fertilizer
- 643.** Root promoting hormone is IBA
- 644.** Ooze test is done for detecting Bacteria
- 645.** First product of urea hydrolysis is - Ammonium Carbamate
- 646.** NABARD was set up on the recommendation of - Siva Raman committee ,Narsimhan Committee 1982
- 647.** The trade name of BHC is - Grammexone
- 648.** Who discovered mitocondria - C. Benda(1897)
- 649.** Bt cotton was discovered in - 1901 japan by Ishwata
- 650.** the term cytokinin was proposed by - Letham (1963)
- 651.** Kinetin and zeatin are the - Cytokonins
- 652.** photosynthesis is an - Oxidation - Reduction process
- 653.** Largest importer of cut flower in the world is - Germany
- 654.** Gibberellin was discovered for the first time used by - Kurosawa
- 655.** Water soluble vitamin is - Vitamin -C
- 656.** Greenhouse effect is also known is -- Global warming
- 657.** VAM act as a - Symbiotic association
- 658.** LEISA stand for - Less external input sustainable agriculture
- 659.** Blue Revaluation in India was started during - Fifth five year plan (1970)
- 660.** who discovered pH concept – Sorenson
- 661.** DRIS concept given by –Beaufils
- 662.** The term ‘remote sensing ’ was first used in – USA
- 663.** Acidity in gram leaves is due to - Malic acid / oxalic acid
- 664.** Photosynthetic rate is highest in c4 plant
- 665.** Lock and Key Model was proposed by - Fisher
- 666.** Anti - Sterility vitamin is - Vitamin E
- 667.** Double seed formation in cotton is due to - Pink bollworm
- 668.** Forest conservation act was made in – 1980
- 669.** Natural parthenocarpy is found in – Banana
- 670.** the term vernalization was coined by - TD Lysenco
- 671.** Chemical relationship is done between two cells by-Plasmodesmata
- 672.** White revolution was accomplished by which scientist - V. Kurien
- 673.** How much time is needed for sterilization in autoclave - 15 minutes
- 674.** In which bacterial reproduction phase , virus is involved – Transduction
- 675.** First plant flower mandi was situated at- BANGLORE
- 676.** Regional Plant resource centre is situated at – Bhubaneswar
- 677.** Cultivation of crops in areas where the annual rainfall is less than 750 mm is called- Dry Farming
- 678.** Central soil salinity research institute is situated at -Karnal (HR)
- 679.** What is the ideal location of greenhouse- North – South
- 680.** According to ICMR vegetable required per capita per day is - 300 gram
- 681.** Biggest tree of the world is - Baniyan tree
- 682.** Kisan call cente begun in the year 2004
- 683.** Net cultivated area of India is – 143
- 684.** Kisan divas is celebrated on 23 Dec.
- 685.** The share of agriculture in global warming is - Approx. 25 %
- 686.** Environment day is celebrated on - 5 th June

- 687.** Which element is responsible for nodulation in legumes - Phosphorous
- 688.** Fingerprinting is related to which crop – Pineapple
- 689.** yellow vein mosaic virus disease is related to Bhindi
- 690.** Which clay Mineral is dominant in Black soil- Montmorillonite
- 691.** Sprouting in onion is controlled by the hormone of –MH
- 692.** Which chemical/ hormone is used for regular bearing in mango- Paclo butrozol (PP333)
- 693.** High yielding variety of wheat was developed by -Borlaug
- 694.** break down of clods , crusts and plant material by the impact of particles moved by wind in saltation is called as - Abrasion
- 695.** A soil with a pH value less than 7 hence having more hydrogen ions than hydroxyl ions in the soil solution is called as - Acid Soil
- 696.** The movement of ions and water into the plant root because of metabolic processes by the root, frequently against an electrochemical potential gradient is referred to as - Active absorption\
- 697.** The chemical in commercial product that is directly responsible for the herbicidal activity is called its - Active ingredient
- 698.** the transfer of heat energy my means of horizontal mass motions through a medium is termed as - Advection
- 699.** A technique in growing plants where in the plants derive their nutrients and eater from a mist of air and aqueous solution that comes in contact with the roots is called - Aerophonics
- 700.** A term proposed by Mc Gillchrist in 1965 , which is a measure of how much a relative yield increase in component a is greater than for component b is known as -Aggressively
- 701.** The removal of excess water known as free water or gravitational water from the surface of the farm land as to create favourable soil conditions for plants growth is called as - Agriculture drainage
- 702.** The growing of agricultural crops along with the forest crop is known as - Agri- silviculture
- 703.** A land units defined in terms of major climate and growing period, which is climatically the homogenous response of a crop or a farming system is called as - Agro - climatic zone
- 704.** An alternative renewable fuel ,produced from vegetable oils or animal fats through a refinery recess called trans- esterification is called as - Bio - diesel
- 705.** in India , NRC for medicine and aromatic plants is located at - Anand
- 706.** A branch of science , which deals with the stud of grasses , their classification , management and utilization is called - Agrostology
- 707.** The area that comprises of all the areas from which water flows out into a common river or water pool is called as-Catchment Area
- 708.** A branch of science, that studies the aspects of climate , which are relevant to the problems of agriculture is called - Agro- climatology
- 709.** A Medium , which resists change or a substance added to resist change in concentration of-r pH activity in a solution as called as - Buffer
- 710.** the crop which is grown as a substitute for the main crop that has failed on account of unfavourable condition is called as - Catch crop
- 711.** the ratio of total cropped area in different seasons to the total land area is known as - Cropping intensity
- 712.** The branch of agriculture which deals with scientific crop production and management is – Agronomy
- 713.** Cultivation of crops in Areas where rainfall is less than 750 MM per annum is known as - dry farming
- 714.** the study of the inter - relationship of living organisms with each other and with their environment in an agricultural system is called as - Agro- ecology
- 715.** The crops that are grown to break the continuity of the agro-ecological situation of the field under

multiple cropping systems are called as - brake crop

716. The competitive interaction between the crop species in intercropping and sequential cropping through the release of chemical substances or toxins is called - allelopathy
717. The chemical substance released by one species may inhibit more strongly plants of the producer species it self is termed as - Auto - inhibition
718. The production technique that combines agriculture and forestry , horticulture or animal husbandry on the same piece of land in the order to fully utilize the natural resources is called as - Agro- forestry
719. the fraction of the total solar radiation incident on a body that is reflected by it and expressed in % age is called as – Albedo
720. A substance added to a soil for the improvement of its physical and chemical properties is called as – Ameliorant
721. An appropriate combination of farm enterprises i.e. cropping system ,livestock, poultry ,fisheries , forestry and the means available to the farmer to raise them for increasing profitability is called as - farming systems
722. The scientist , who has been called as father of organic farming is - albert Howard
723. the process of use of micro- organism to remove salts from soil is referred as – Bioremediation
724. the organization that is related to export of ' Agricultural processed product ' is - Agri- export zone ‘
725. “ Sugarcane breeding Institute “is located at - Coimbatore
726. The ratio between water deficit to potential evapotranspiration and expressed in %age is termed as - Aridity index
727. A term given by Donald in 1963 , Which is a measure to find out the yield of various crops when grown together as well as separately and indicating the yield per plant of different crops in mixture and their respective pure stand on an units basis is known as Competition Index
728. A biological model which is expected to perform or behave in a predictable manner a defined environment is known as - Ideotype
729. gene responsible for dwarfing characters in rice is - Dee-Gee-Woo-gen