

ANKUR

for MP RAE0

(Rural Agriculture Extension Officer)
/RHEO 2023

ग्रामीण कृषि विस्तार अधिकारी तथा
ग्रामीण उद्यान विस्तार अधिकारी के लिए समर्पक



1. Are a class of plant hormones that promote cell division in plant roots and shoots?	Cytokinin.
2. A hardening structure where in plants root after taken out from the in vitro media?	Mist chamber.
3. A plant hormone used to promote stem elongation& seed germination?	Gibberellin.
4. A popular garden fruit tree.?	Rambuttan.
5. A specialized garden for the cultivation and display of fern?	Fernery.
6. An e.g., for facultative apomicts?	Mango, Orange.
7. An agricultural practice of breeding and raising domestic rabbits?	Cuniculture.
8. An ancient Chinese art of growing trees and plants kept small similar to Bonsai?	Penjing.
9. An art of creating miniature landscapes?	Saikei.
10. An art of growing trees or woody plants shaped as trees in containers?	Bonsai
11. _____ Is the most commonly used medium in plant tissue culture experiments?	Murashige & Skoog medium
12. Is the process of subjecting seeds to both cold and moist conditions to promote germination?	Stratification.
13. _____ Is the second most expensive spice after saffron?	Vanilla
14. Is the world's leading exporter of flowers?	Netherlands
15. Percent of moisture is ideal for certified seeds of Rice?	13%
16. _____ & _____ are gastropod pests of Orchid & Anthurium?	Slugs & Snails.
17. _____ & _____ are cucurbits used for treatment of Diabetics?	Bitter gourd & Coccinia
18. _____ & _____ are main components of cattle feed stuffs	Concentrates & Roughages.

19. _____ & _____ are structures used to harden plants in an agricultural nursery?	Greenhouses & Mist chambers.
20. The Optimum spacing for wheat is _____?	22.5 cm (line to line).
21. _____ & _____ are the most common Gastropod pests?	Slugs & Snails
22. -----&-----are the substances used for artificial rain simulation?	Silver iodide & Dry ice.
23. _____ are the vectors of yellow vein mosaic disease of Okra?	White fly & Leaf hopper
24. _____ & _____ are two mechanisms that control the exchange of gases between the soil and the atmosphere?	Mass flow & Diffusion.
25. _____ & _____ are vegetables of Indian origin?	Brinjal & Snake gourd.
26. (A x B) x (C x D) is?	Double cross hybrid
27. In India the seeds act was enacted in the year _____ by the parliament?	1966
28. Mechanical measures are adopted only where land slope is?	>2%.
29. Most dangerous disease of potato?	Late blight (Phytophthora infestans).
30. National Seed Corporation (NSC) was registered in?	Ans.1963.
31. Nucleus was discovered by?	Robert Brown (1831).
32. Pattambi local is a variety of?	Horse gram.
33. Preethi is variety of?	Bitter gourd.
34. World Food Day is observed on?	16th October 1945
35. $\frac{1}{2}$ of the inter quartile range is	Quartile deviation.
36. 1 bale of cotton is equal to?	170 kg
37. 1 st Hybrid variety of Pearl millet?	HB-1 in 1965.
38. 14 commercial banks were nationalization on?	19th July, 1969.
39. 3rd oldest bank in India was established on?	1806 bank of Calcutta.
40. 1st enzyme which was discovered by yeast?	Zymase 1897 (Eduard buchner)
41. 1st Hybrid variety of sorghum?	CSH-1 (released in 1965).

42. 1st Intergeneric hybrid was?	Raphino brassica (Radish x Cabbage).
43. 2, 4-D belongs to the chemical group?	Chloro phenoxy compound.
44. 2, 4-D, Simazine, Atrazine and Fluchloralin belongs to the selectivity group?	Selective herbicides.
45. 2,4-D controls only?	Broadleaf weeds
46. Fungicides like PMA & Atrazine at low concentration act as which type of anti-transparent?	Stomatal closing
47. -40°C is equal to?	-40°F
48. 70s type ribosome is found in?	Mitochondria and Chloroplast.
49. 75% of rainfall is received by?	S-W monsoon period (June-Sept).
50. 80 per cent phosphorus in bajra grains stored in the form of?	Phytate
51. A + B horizon is called?	Solum.
52. A bacterium used in genetic engineering?	E-coli (Agrobacterium tumefaciens).
53. A belt of trees and or shrubs maintained for the purpose of shelter from wind, sun, snow drift, etc.?	Shelterbelts
54. A biochemical process or reaction taking place in a test tube (in lab) ?.	In vitro
55. A biological indicator plant of Molybdenum deficiency?	Cabbage
56. A branch of agricultural science which deals with principles and practices of soil, water and crop management?	Agronomy.
57. A building with glass walls and roof for the cultivation and exhibition of plants under controlled conditions is known as?	Greenhouse.
58. A cabbage disease which is known to be more severe in acidic soils is	Black rot.
59. A central feature of a garden provides?	Focal Point.

60. A certain part of energy received from the sun, is reflected back to space by the earth known as?	Albedo.
61. A chemical effective in controlling alternate bearing in mango is?	TIBA
62. A chemical inducing abscission in plants?	ABA
63. A chemical inducing parthenocarpy in fruits is?	2,4,5-T
64. A chemical used to test the viability of seeds?	2,3,5 triphenyl tetrazolium chloride.
65. A chemical with more herbicidal activity is?	MCPA.
66. A close-growing crop, grown primarily to improve and protect the soil from erosion through their ground covering foliage and/ or root mats between periods of regular crop production?	Cover Crops
67. A comprehensive scheme to alleviate mass poverty in rural India is?	IRDP
68. A condition in which either pollen is absent or non-functional in flowering plants.?	Male Sterility.
69. A condition of atmosphere at a given place at a given time.?	Weather.
70. A cool season flower crop?	Carnation
71. A crop propagated by root cutting?	Bread fruit, Blackberry, Rose, Fig, etc..
72. A crop suitable for acid soil?	Rice
73. A crop that can be successfully cultivated in Acid-saline soil?	Paddy
74. A crop, grown for direct sale rather than for livestock feed or a crop grown by a farmer primarily for sale to others rather than for his or her own use?	Cash Crops.
75. A cropping system where the land is hands over the succeeding crop before the harvest of standing crop.?	Relay or overlapping cropping.
76. A cucurbit used in confectionary?	Ash Gourd.
77. Shelling percentage of pea?	49%.

78. A culture of isolated mature or immature embryos?	Embryo culture.
79. A decision to continue full use of an innovation?	Adoption.
80. A deep rooted crop is?	Sweet potato.
81. A demonstration practice used to compare two technologies i.e., old and new?	Result demonstration.
82. A diffusive process by which liquid water in the form of vapor is lost in the atmosphere?	Evaporation.
83. A disease caused by methyl mercury (MeHg) poisoning of water at Japan in 1956?	Minamata.
84. A disease due to virus in rice?	Tungro.
85. A disease that results in the collapse and death of seedlings before or after they emerge from the soil is known as?	Damping off.
86. A DNA element which has the ability to move from one chromosomal position to another?	Jumping gene.
87. A segments of DNA that encodes for the specific polypeptide chain?	Cistron.
88. A drought tolerant vegetable?	Chekkurmanis.
89. A dwarfing root stock of apple is?	M-9
90. A family consists of husband, wife and their children known as?	Nuclear family.
91. A farmer having an area of < 1ha	Marginal farmer
92. A fertilized ovule consisting of intact embryo, stored food and seed-coat which is viable and has got the capacity to germinate?	Seed.
93. A field soil sample weighing 60 g, lost 12 g on oven drying. What is the moisture percent on dry weight basis?	25%
94. A figure obtained by dividing the sum of all variable by their total number of variables.?	Averages/Arithmetic Mean
95. A flowering plant with reddish orange flower is?	Tithonia speciosa.

96. A fodder grass suitable for intercropping in coconut plantation?	Guinea grass
97. A forest system which promote commercial tree growing by farmers on their own land?	Farm Forestry.
98. A fruit crop producing the highest tonnage per unit area is?	Pineapple.
99. A fruit juice normally contains 25% juice and 40% TSS?	Squash.
100. A fruit or vegetable impregnated with the cane sugar or glucose syrup?	Candied fruit or vegetable.
101. A fruit plant propagated by vegetative method is?	Banana.
102. A fruit plant which can be layered easily is?	Litchi
103. A fruit rich in fat content?	Avocado (77 % fat).
104. A fruit rich in Vitamin –A content?	Mango.
105. A fruit ripen only after harvest is?	Avocado.
106. A fungal disease of mushroom?	Soft mildew, brown plaster mould, green mould, bubble disease etc.
107. A funnel shaped cloud extending downwards is a characteristic feature of?	Tornado.
108. A garden component making it larger is?	Lawn.
109. A garden set below the level of the ground surrounding it is called?	Sunken garden.
110. A good quality Coconut seedling should have a collar girth of?	10-12cm
111. A granular insecticide?	Furadan 3% granular form
112. A green manure crop?	Glyricidia
113. A group of ornamental plants used to grow over walls, trellis, arches, pergolas, arbors, pillars, bowers etc.?	Climbers and Creepers.
114. A guarantee programme for the people below poverty line?	National Food Security Mission (2007).

115. A heat treatment food material at 72°C for 15 seconds, or 63°C for 30 minutes?	Pasteurization.
116. A high density planting in apple can accommodate?	500-1250 plants/ha.
117. A hormone inducing dwarfism in plants?	MH.
118. A hormone responsible for induction of dwarfism?	MH.
119. A hormone used for flower induction?	TIBA (Tri iodobenzoic acid).
120. A hormone used to increase fruit size is?	GA-3.
121. A hybrid produced using nucleolus of one parent cell and cytoplasm of both the cell?	Cybrid.
122. A hybrid variety of grape Anab-e-Shahi X Bangalore Blue is?	Arka hans.
123. A insect parasiting another insect?	Parasitoid.
124. A journal in meteorology?	Mausam.
125. A library composed of complementary copies of cellular mRNA?	C-DNA
126. A line indicates all possible combinations of two inputs which can be purchased with a given amount of investment fund?	Iso-Cost line
127. A line represents the different combinations of two variable inputs used in the production of a given amount of output.?	Isoquant.
128. A liquified gas used to fumigate soil against nematode and soil insects for raising rooted pepper cuttings?	Methyl Bromide.
129. A liquid formulation of insecticide which contain a carrier?	Water dispersible powder
130. A low Percentage Base Saturation (PBS) in soil means?	Acidity
131. A man made cereal?	Triticale (wheat x rye).
132. A market consisting of single buyer of a product and many sellers?	Monosony market.
133. A mass of rotted organic matter made from waste?	Compost.

134. A mechanism of self-pollination in which flowers open but only after pollination has taken place?	Chasmogamy
135. A medicinal Variety of Rice?	Njavara.
136. A medium duration rice?	Jaya
137. A mental and/or physical reaction that makes through seeing?	Learning experience.
138. A method by which food is kept out from spoilage after harvest?	Preservation
139. A method does not provide opportunity to practice selection for superior plant till F5 generations?	Single seed descent method.
140. A method for improving specific traits i.e., plant height, disease resistance?	Pedigree method.
141. An Electric field is applied to cells in order to increase the permeability of the cell membrane, allowing chemical, drugs or DNA to be introduced into the cell?	Electroporation or Electroporation.
142. A method in which 20 to 30 rural people or farmers are contacted in a group?	Group-contact.
143. A method in which desirable scattered favorable genes are selected in different plants in each generation?	Recurrent selection.
144. A method of breeding for wheat?	Pure line selection method.
145. A method of breeding is appropriate for improvement of good variety.?	Back cross method.
146. A method of breeding is not appropriate for cross pollinated crops?	Pure line selection.
147. A method of hormone application not generally practiced is?	Injection
148. A method of plant analysis for assessing nutrient requirement in sugarcane is?	Crop Logging.
149. A method which is not for handling segregating populations?	Bulk method.

150. A modern method of cashew propagation is by?	Soft wood grafting.
151. A multi seeded fruit?	Tomato, jackfruit, watermelon, Apple.
152. A multinational seed company?	Bayer (Monsanto).
153. A multistage sales tax with credit for taxes paid on business purchases.?	VAT.
154. A natural hydrological unit having common runoff outlet point?	Watershed.
155. A natural organic product which act as an insecticide and carrier?	Oil of petroleum.
156. A natural warming process involving the interaction of sunlight and carbon dioxide and other gases from the atmosphere?	Greenhouse effect.
157. A non-selective herbicide?	Glyphosate.
158. A nut with no cholesterol?	Nutmeg.
159. A plant with yellow flower is?	Allamanda cathartica.
160. A parasite feeding on primary parasite?	Secondary.
161. A partial substitute for petroleum diesel?	Biodiesel.
162. A period of 4 consecutive weeks from May to mid-October or 6 consecutive weeks during rest of the year?	Agriculture drought.
163. A pest causing 5% to 10% crop loss is termed as?	Minor Pest.
164. A pest causing less than 5% crop loss is termed as?	Negligible Pest.
165. A pest causing more than 10% crop loss is termed as?	Major Pest
166. A pigment responsible for red colour in tomato?	Lycopene.
167. A plant hormone in gaseous state?	Ethylene
168. A plant hormone used for rooting?	IBA (Indole-3-butyric acid rooting hormone).
169. A plant requiring less than 12 hours day light is?	Short day Plant (Tobbaco, Cotton, Rice, Chrysanthemum, Soyabean etc).

170. A plant which closes stomata during day time and open at night time to collect CO ₂ ?	Pineapple (CAM-Crassulacean Acid Metabolism).
171. A practice of turning un-decomposed fresh green plant tissue into the soil to improve fertility status and physical structure of the soil.?	Green Manuring
172. A insect predatory larva on lac encrustation in the field?	Holcocera
173. A primary mineral containing Potassium?	Feldspar.
174. ----- is the movement of substance from an area of high concentration to an area of low concentration?	Diffusion.
175. A process in which the branch of a plant is cut off in order to produce a flush of new shoots?	Pollarding.
176. A process of deciding in the present what to do in the future about the best combination of crops and livestock to be raised?	Farm Planning.
177. A process of estimating costs, returns and net profit of a farm or a particular enterprise?	Farm Budgeting
178. A process of formation of somatic embryos from callus?	Somatic Embryogenesis.
179. A process of removal/tipping of apical buds of Chickpea is termed as?	Nipping
180. A process of treatment of stalks for final fibre extraction is termed as _____	Retting.
181. A product prepared from strained pulp of fully ripe tomato fruits after cooking?	Tomato Sauce/Ketchup.
182. A progeny of single homozygous, self-pollinated crops?	Pure line.
183. A programme to provide at least 100 days wage employment in rural areas?	National Rural Employment Guarantee Act (NAREGA, 2006).
184. A protective plantation in a certain area, against strong winds. It is usually comprised of a few rows of trees (or shrubs)?	Wind breaks.

185. A pruning process in which a circular ring of bark measuring about 3 cm in length is removed.?	Ringing/Girdling.
186. A published material on a small paper in which there is brief information of a subject?	Leaflet
187. A reduviid predator of Rhinoceros beetle?	Platymerus.
188. A respective cultivation of an ordered succession of crops or crops and fallow in the same land is?	Crop rotation.
189. A rice pest that can be controlled by draining water?	Case worm
190. A rice variety tolerant to BPH?	Mahamaya
191. A science of decision making?	Farm Management
192. A seed is composed of _____, _____ & _____ ?	Embryo, Endosperm & Seed coat.
193. A seedless variety of Mango?	Sindhu.
194. A seedless variety of Pomegranate?	Ganesh.
195. A segment of DNA that codes for a specific character?	Gene.
196. A self-replicating, extra-chromosomal genetic material found in plant cell?	Plastids
197. A semi-solid transparent product prepared from pectin containing fruit?	Jelly.
198. A series of illustrated cards flashed before a group in proper sequence to tell a complete story step by step to the group of the learners.?	Flash cards.
199. A shade loving leafy vegetable?	Water leaf
200. A sheet of paper with pictorial slogan, which is utilized to attract the mass attention for single idea.?	Poster.
201. A single cross (A x B) x OP variety?	Double top cross

202. A single DNA molecule condensed into a compact structure in vivo by complexing with accessory histones or histone-like proteins.?	Chromosome.
203. A single gene affecting more than one character/governing multiple traits?	Pleiotropy.
204. A single practice demonstration used to show method of sowing ?.	Method demonstration
205. A situation in which a crop needs more of a given nutrient yet has shown no deficiency symptoms?	Hidden Hunger.
206. A small published book consisting of 24 to 48 pages?	Bulletin.
207. A soil having more sodium salt, more than 8.5 PH and 15 ESP?	Alkali soil.
208. A soil with pH value 4.7 can be termed as?	Acidic.
209. A statement of situation, objectives, problems and solutions?	Programme.
210. A specific way adopted by the communicator to communicate his message effectively so that whole message is understood by maximum number of audiences.?	Treatment of message.
211. A substance used for artificial rain stimulation?	AgI/dry ice.
212. A system of tillage in which organic residues are not inverted into the soil and used as a protective cover against erosion and evaporation losses of soil moisture?	Conservation tillage or stubble mulch tillage.
213. A systematic display of models, specimens, charts, real objects and any informative materials.?	Exhibition.
214. A tall pea plant (DD) and a tall pea plant (Dd) have what in common?	Phenotype.
215. A technique to rejuvenate unproductive and senile cashew trees?	Top working.
216. A thin layer of meristematic cells located between phloem and xylem?	Cambium.
217. A time-based market basically for perishable goods?	Short period market.

218. A transgenic plant containing genes from both potato and tomato plants?	Pomato.
219. A typical climacteric fruit is _____	Ans.Banana
220. A transparent picture or photograph in an individual mount, projected through slide projector?	Slides.
221. A typical distinguishable character of an Acuminata banana is?	Pseudostem colour.
222. A typical hopper burn in rice is caused by feeding of?	BPH.
223. A variety of mango used for pulp extraction for soft drinks?	Totapuri
224. A variety produced by crossing in all combinations a number of lines that combine well each other?	Synthetic variety.
225. A variety produced by mixing the seeds of several phenotypically outstanding lines (varieties)?	Composite variety.
226. A vertical section of soil through all its horizons?	Soil Profile.
227. A weather abnormality form is?	Cyclone
228. A weather condition over a given region during a longest period.?	Climate.
229. A weed causes off flavor in wheat flour?	Wild rice.
230. A weed used for rope making?	Thatch grass
231. A working soil sample weighs?	500 gm.
232. $A \times B = F1$?	Single cross hybrid.
233. A young cucumber suitable for pickling?	Gherkin.
234. Flowering Setting Hormone is?	NAA
235. A+B+C horizons together called as?	Regolith.
236. A+B+Parent material is referred to as?	Regolith
237. AAY means?	Antyodaya Anna Yojana .
238. Ability of a plant cell to grow & develop to a complete plant is called?	Totipotency.

239. Abiotic environment does not include?	Plants.
240. Abnormal leaf fall of Rubber normally occurs in period?	June-Aug.
241. Abnormal leaf fall (Phytophthora palmivora) is a fungal disease of?	Rubber.
242. About 50-75% of soil erosion by wind is carried out by?	Saltation.
243. Abscisic acid is synthesized from?	Actively growing points.
244. Absorbed of water against a concentration gradient by using energy released from respiration is called as?	Active absorption.
245. Acalypha, Hibiscus, Ixora are?	Ornamental shrubs.
246. Acarapis mite infests?	Adult bees.
247. Acaricides are those pesticides which can kill?	Mites.
248. According to Beufort's scale winds are classified into?	12 classes
249. According to IISS, the particle size of coarse sand?	2 - 0.2 mm.
250. According to NBSSLUP, Argo Ecological Regions in India are?	21
251. According to Planning Commission, Argo Climatic Zones in India are?	15
252. Acid present in ant?	Formic acid.
253. Acidic soils have more _____ ions & less _____ ions?	H ⁺ & OH ⁻
254. Acidity % in pineapple fruit is favored increased by?	Shade.
255. Acid-saline soils have a pH range of?	3 to 5
256. Science, production and study of grapes?	Viticulture.
257. Active ingredient present in Bael?	Marmelosin.
258. Actual quantity of water held by a certain quantity of air is called?	Absolute Humidity (g/m ³).
259. Adams fig ?	Banana
260. Adiantum & Nephrolepis are?	Ferns.
261. Adsali sugarcane crop planted during the months?	July–August (16-18 month).

262. Adult Lepidopterans like----- are pests of crops?	Fruit moths.
263. Advent of Green Revolution was in?	late 1960
264. Aerobic organisms require gaseous-----for their activity?	O ₂ .
265. African payal (salvinia) is biologically controlled by?	Cyrtobagous weevils.
266. Weed control in pea crop recommended herbicide is?	Propanol.
267. AGMARK full form?	Agriculture Produce (Grading & Marketing) Act.
268. AGMARK Act was passed in?	1937
269. AGMARKNET?	Agricultural Marketing Information Network.
270. Agricultural Technology Information Centre (ATIC), first started at?	New delhi in- 1998-99 (by ICAR).
271. Agriculture growth rate target for 11th five-year plan is?	4%.
272. Agriculture Insurance Company of India Limited is a public sector undertaking has its headquarters at?	New Delhi (2002)
273. Agriculture sector provides employment to % of country's workforce?	42.38 % (2019).
274. Agriculture Universities established granted by?	Land Grant College.
275. Agroforestry is a form of?	Multiple cropping.
276. Agromet observations are taken twice daily at?	7 & 14 hrs LMT.
277. Agromet observatories in Agricultural Universities are normally?	B type.
278. Agronomical measures are adopted only where land slope is?	< 2%.
279. "Agronomy" word is derived from words?	Greek (agros+nomos).
280. Agrostology' is the study of?	Fodder grasses.
281. Jai Jawan Jai Kisan Jai Vigyan was a slogan given by?	Atal Bihari Vajpayee
282. Air layering is also called?	Gooty.

283. Air layering is practiced in?	Jasmine/Hibiscus/Guava/Cashew/ Sapota.
284. Air layering was first practiced in?	China.
285. Air temperature, humidity, pressure, wind speed & direction in the upper atmosphere is measured by?	Radiosonde.
286. Air layering is mostly used in?	Guava, citrus, pomegranate.
287. Aiswarya is a _____ variety of Rice?	Medium duration (120-125 days), suitable for kharif and rabi season.
288. Akiochi disease is caused by?	H ₂ S toxicity
289. Alachlor, Butachlor and Propanil belong to the chemical group?	Amide.
290. Albedo of grass is?	20-25%.
291. Albizzia is a?	Ornamental shade tree.
292. Alkaline soil is also called as?	Solanetz and Black alkali.
293. Alkaline soils have more _____ ions & less- _____ ions?	OH ⁻ & H ⁺ .
294. Alkaloid content present in sorghum leaves?	HCN (Dhurin alkaloid).
295. All actual expenses in cash and kind incurred in production by owner operator?	Cost-A.
296. All India Soil and Land Use Survey Head Quarters is located at?	IARI New Delhi.
297. All insecticides are pesticides, but not all pesticides are insecticides". whether the above statement is True/False?	True.
298. All the populations of the different species living and interacting in the same ecosystem?	Community.
299. All weather phenomena (i.e., Rain, fog, frost, clouds) occur in the zone of?	Troposphere.
300. Allahabad Safeda & Lucknow-49 are varieties of?	Guava.
301. Alleppey' is a variety of?	Turmeric.

302. Allocation of treatments to the different experimental units by a random process?	Randomization.
303. Alphonso is a variety of?	Mango.
304. Alternaria blight of mustard is caused by?	Alternaria brassicae.
305. Alternaria blight or leaf spot of sunflower is caused by?	Alternaria helianthi.
306. Alternate forms of a gene?	Allele.
307. Alternate host of black stem rust of wheat in India is?	Berberries sp
308. Rhizoctonia bataticola is a disease related to which crop?	Soyabean.
309. American Agricultural Scientist who won Nobel Peace Prize in 1970?	Norman E. Borlaug (Green revolution).
310. American/upland/new world cotton is?	G. hirsutum
311. Amid form of N fertilizer?	Urea.
312. Ammoniacal fertilizers are not ideal for _____soil?	Alkaline.
313. Amount of Water vapors present in a unit volume of air?	Absolute humidity.
314. Amount of Water vapors present in kilogram of air?	Specific humidity.
315. Amrapalli is a cross of?	Dashehari × Neelam.
316. Amritmahal is a _____-breed of cattle?	Draught breed
317. An acaricide effective against all stages of red spider mite and bee mite (Acarapis woodi) is?	Chlorobenzilate
318. An aggregation of minute drops of water suspended in the air at higher altitude termed as?	Clouds.
319. An Agro-machinery used for sowing operations?	Seed Drill.
320. An alternate host of rice stem borer?	Panicum repens.
321. An annual flowering plant grown throughout the year?	Balsam.

322. An appropriate combination of farm enterprises' viz., cropping system, livestock, poultry, fisheries and the means available to the farmer to raise them for increasing profitability is called as?	Farming system.
323. An arbor formed of columns supporting trelliswork on which climbing plants are often trained is known as?	Pergola.
324. An art of growing and training of a plant to a miniature form having a natural look of old age?	Bonsai
325. An attention with a sense of concerns focused upon some object?	Interest
326. An average % of solar radiation reaching to the earth?	70
327. An average size of rain drop?	2 mm diameter.
328. An earwig predated on <i>Oryctes rhinoceros</i> ?	Cheisoches moris.
329. An easy technique of insecticide application in household?	Aerosol bomb.
330. An educational process to bring about desirable changes?	Extension.
331. The respiratory roots are called as?	Pneumatophores.
332. An element making a constituent of Vitamin B12 is?	Cobalt.
333. An element needed for nodule formation in leguminous crops?	Boron
334. An element not essential but useful to rice?	Silicon.
335. An element responsible for change in flower colour of <i>Hydrangea</i> is?	Aluminum
336. An energy spending process?	Photorespiration.
337. Degradation of land in arid, semi-arid and dry sub humid areas by human activities and climatic variation?	Desertification.
338. An exact genetic replica of a specific gene or an entire organism.?	Clone
339. An example of blast sprayer?	Hand atomizer/ flit pump
340. An example of trap cropping?	Bhindi around cotton.

341. An expression of one gene depends on the presence or absence of another gene in an individual.?	Epistasis/gene interaction.
342. An extension teacher help farmer to attain desirable changes in his?	Behaviour.
343. An ideal about the flatness/peaked Ness of the curve?	Kurtosis.
344. An ideal condition of soil texture for crop growth?	Medium textured soil.
345. An ideal plant for indoor gardening is?	Ficus.
346. An important component of Japanese garden is?	Water, plants, rocks etc.
347. An important male sterility source of sorghum?	Tift 60.
348. An insecticide with strong contact and fumigant action?	Diazinon.
349. An inset controlled by male sterilization technique in the South Pacific Island?	<i>Dacus Cucurbitae.</i>
350. An Official document that indicates that plant material has been inspected by competent authority and found to be free of certain pathogens is termed as?	Phytosanitary Certificate.
351. An organism capable of causing disease?	Pathogen.
352. An organism that lives at the expense space of another organism(host) which it does not usually kill is known as?	Parasite.
353. An understood information possessed by a person?	Knowledge.
354. An unwanted plant, growing where it is not desired?	Weed.
355. Anabaena azollae is a?	Bio-fertilizer.
356. Anabaena is a?	Blue Green Algae.
357. Anabasine in an alkaloid in?	Tobacco
358. Anaerobic decay of organic matter produces_____ &_____?	CO2& Organic acid

359. Anaerobic environment in rice soil is responsible for gaseous loss of fertilizer nitrogen by?	Denitrification.
360. Anakkayam-1, Madakkathara-1, Kanaka, Dhana are varieties of ?	Cashew.
361. Angular distance measured from equator is?	Latitude.
362. Animal by-product used to prepare ice-cream?	Gelatin
363. Annapoorna is a -----variety of Rice?	Short duration (95-100 days).
364. Annual carnation is propagated by?	Seeds.
365. Annual rainfall of CG?	1190mm.
366. Anther or pollen culture technique is used to obtained?	Haploid plants.
367. Anthracnose of guava is caused by?	Collectotrichum psidii.
368. Anthracnose/fruit rot/Die back of chilly is caused by?	Collectotrichum capsici.
369. Anthrax in cattle is caused by?	Ans. Bacteria (<i>Bacillus anthracis</i>).
370. Anti-cancer property of cabbage is due to?	Indole-3-Carbinol.
371. Any change in form, structure & appearance of an animal between birth and maturity is referred to as?	Metamorphosis
372. Any crop or combination of crops is grown for grazing or harvesting for immediate or future feeding to livestock?	Ley Crops
373. Any organism detrimental to man or his property in causing damage of significant economic importance is called?	A Pest
374. Any plant in the wrong place is termed?	Weed.
375. Aonla is commercially propagated by?	Inarching (soft wood grafting)
376. Aparajitha & Chandrama are varieties of?	Chrysanthemum.
377. <i>Apis cerana indica</i> is commonly known as?	Indian Honeybee.
378. <i>Apis florea</i> is?	The red dwarf honeybee.

379. <i>Apis mellifera</i> (European honey bee) is domesticated in the bee box?	Langstroth.
380. <i>Apis mellifera</i> is known as?	European honeybee or Italian honeybee.
381. Apoenzyme + Prosthetic group?	Holoenzyme
382. Apple bowl of India?	Himachal Pradesh.
383. Apple is commercially propagated by?	Tongue grafting, shield budding and Whip budding.
384. Application of Bordeaux paste is recommended to control?	Bud rot in Coconut.
385. Applied use of molecular biology and recombinant DNA Technology known as?	Biotechnology.
386. Approach grafting is also known as?	Inarching.
387. Approach grafting is practiced in?	Mango/Sapota/Artocarpus
388. Arabica & Robusta are varieties of?	Coffee.
389. Arboriculture is the study of?	Growing trees.
390. Peaty soils are generally deficient of?	Cu
391. _____ are nocturnal Lepidopterans?	Moths.
392. _____ are plants which require very low moisture/rainfall?	Xerophytes.
393. _____ are Primary macronutrients?	N, P & K.
394. _____ are structures with thick growing shrubs neatly trimmed in the shape of animal, birds.	Topiaries.
395. _____ are Superior quality cut flowers.	Extra class.
396. _____ are the bio-control agents of water hyacinth.	Neochetina weevils/Orthogalumna mite.
397. _____ are the economic part of Orchids.	Spikes.

398. Which Indian states having maximum usage of herbicides?	Punjab And Haryana.
399. Which is known as 'SILENT KILLERS' causing most extensive crop loss among all major pests?	Weeds.
400. _____ are the larvae of Beetles?	White Grubs.
401. _____ are the larvae of Flies?	Maggots.
402. _____ are the planting materials for Banana?	Sword suckers.
403. _____ are the planting materials of Pineapple?	Suckers, Slips, Crown.
404. Arid regions normally receives a rainfall of?	Less than 500 mm.
405. ARIS- Agricultural Research Information System, established by?	ICAR, 1995.
406. Arka Gaurav and Arka Mohini are varieties of?	Chillies.
407. Arka Hans (Grape Variety) is a cross of?	Banglore Blue × Anab-e-shahi.
408. Arka Jyothi is a hybrid variety of?	Watermelon.
409. Arka Kirthiman and Arka Lalima are two new varieties of which crop & introduced by?	Indian Institute of Horticulture Bangalore (Onion).
410. Arka Swetha is a variety of?	Grapes.
411. Arnon and Stout discovered the essentiality of?	Mo.
412. Aroma in rice is due to presence of?	2 acetyl-1-pyrroline (2AP).