MCAER Memory based Questions for Year 2022

1) AaBbCcDd × aabbccdd produce **8 genotype**
2) Agribusiness is market oriented
3) Anthropometry → Related to Nourishment or health?
4) Best Maturity indices for grape **TSS**
5) breeding method for developing new variety is **primary introduction**
6) classification of banana-given by **Simonds** & **Shephard**
7) Clone Definition
8) Formula → **IR = WR – (ER + S)** .
9) **ICPH**-8 hybrid is developed by **GMS**
10) In simple recurrent selection **tester** is not used
11) Inbred line is crossed with either any of the tester is called **topcross**
12) Lac used for in India shell lac (>**90**%
13) **MSME** →Micro, Small & Medium enterprises
14) Nation centre of organic farming -**Gaziabad**
15) Ozone depletion in environment conference **venna** (**Austria**)
16) Particle bombardment method is a **bolistics** /**microprojectile**
17) Protein def. Affect which part of Stomach →
18) **RAPD** DNA full form.
19) RNA is a which type of enzyme **holoenzyme**
20) Theory of Epigenesis was given by **Wolf**
21) Three hybrid lines are used in **CGMS**
22) Tillage Def…
23) True to type mean…
24) **WAN** → wide Area Network
25) Yellow Colour in tomato due to **carotene**
26) YVMVD resistant (okra) → **phule vimukta**

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27) Monograph in dry farming→ **Kanitkar**
28) Agribusiness is **market oriented**
29) Yellow Colour in to mato Carotene
30) WAN → **wide Area Network**
31) Queen of Milk (Goat) in World **Sannen**
32) **SEZ** Special Economic Zone
33) **Complementary** G.I_ 9:7
34) **Polymeric** G.I_9:6:1
35) Most Abundant element in earth crust **oxygen**
36) **GST** _Goods & Service Tax
37) wilting Point PF value **4.2**
38) PPV & FRA _ **Delhi** (head quarter)
39) Mortgage bank Rirst established at **Punjab** (1920).
40) vertisols contain mineral→ **smectite** 41) Soil formed from volcanic rocks **Andisols** _42) Saline sodic Soils PH ?, EC?, ESP?
43) NABARD establishment **12 July 1982**
44) DIPA act **1914**
45) NATP is established in- **1997-98**
46) Sorghum midge fly site of Oviposition → **flowering Spikelets**
47) sting is modified from ovipositors **Worker bees**
48) Fruit of coffee is **Drupe**
49) Mint is propagated by **Stolon**
50) Milch Purpose breed **Red Sindhi**
51) In **Hexagonal** System **15**% More population Of plants Than Square System.
52) **Banana** is Climacteric Fruit
53) 53) Apple M-27 =M-13 X M-9 cross
54) 54) Lalit is variety of **Guava**.
55) Learning Def..
56) Education psychology Def 57) Extant variety Def?
58) Laggard farmers ?
59) cocopeat is also called as **coco coir & Coir dust**
60) Spinach → **Spinacea oleracea Palak-?**

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61) Grassy Shoot of S.cane due to Mycoplasma like organisms

62) Bunchy top virus vecter of banana → **aphid pentolonia nigro nervosa**?

63) world forest day- **22March**
64) Basidiospores are **haploid**

65) virus Detection methods → **ELISA**, **PCR** ,**ISEM**

66) Uredospores, uredinales, Ustilaginales nomenclature was given by scieniest….
67) Collection of fungi in india was done by scientiest…
68) Bengal Femanine is caused due to **Helminthosporium oryzae**
69) Rice Stem borer **Scirphophaga Incertalus**.
70) Chromosome no. of **Cow-60**

71) Essential fatty acid **linoleic**, **linolic**, **archidendic**
72) C4 Plant **kranz anatomy**
73) Fixation of 1 Molecule of co_2 How much ATP $NADPH_2$ are required - **3,2**
74) sequence cropping Def
75) Planning Commision is **advisory body**

76) **NAPP**→ National Steering committee

77) Mycomhizae helps in uptake of **phosphorous**
78) 1 hp = **746watt**
79) Glycolysis occurs in **cytosol** (Mitochondria)
80) water Soluble protein present in Cereal **albumin**
81) Semiperishable commodity **20-70**%
82) QTL Stands for **Quantative trait loci**
83) 83) Crop Ideotype given by **donald** 84) **Cephalotrichous** Def..
85) **Hyperparasitism** Def…
86) shoe size e.g **Mode**
87) **Standard error** Def…
88) osmotic potential Def (in soil)
89) **zeatin** is extracted from **cococont endosperm**
90) oestrus Cycle of heathy Cow Period **21 days**
91) Acacia Catechu is **good copicer**day

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92) Transcription Dep.
93) The ratio of volume of water present in Given soil mass to volume of voids Is called **degree of saturation**
94) The rainfall Which occur in hilly area **Orographic rainfall**
95) Edible part of Papaya Mesocarp
96) Parthenium's biocontrol agent **Zygogramma bicolarata**
97) Pusa zero energy Cool chamber is Prepared by **IARI**
98) **Kanji Black** carrot drink.
99) Input output devices are **Storage devices**
100) **kick's** law
101) Invitro means **test tube culture**
102) *Male Ass x Female horse is example of special hybridization…
103) Nano-technology term was given by **Norio taniguchi**.
104) 1nm on scale is of 1 **billionth** meter
105) Biogas is also called **Producer gas**.
106) Solanchok's soil is also called as..**saline&alkali soil**
107) **Ridgegouard's** botanical name
108) **Folkways** Def.
109) cashewapple rich in **vit-C**
110) Knipling used **Sterilization technique** in **Mosquito**
111) Partical density is called **true density**.
112) Disinfectant used for water is **chlorine**
113) Advanced Stage of Rill erosion is **Gully**.
114) Leafy vegetable are rich in
- ❖ **malic acid**. ❖ **Folic acid**
- ❖ **citric acid**
- ❖ **All of these**

115) cDNA is Synthesize by using enzyme → **Reverse transcriptase**
116) Minori trible of India **Andamani**.
117) Super food Def.
118) Chakka is used for making **Shrikhand**
119) C:N ratio of organic Manure **15-20:1**
120) Most abundant element present in Cuticle is **Chitin**
121) Which of following is true

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➢ Cry I Ac Control Cotton bolloworms. ➢ Cry II Ab Controls Cotton bollworms ➢ Cry I Ab controls corn borer ➢ All of these.

122) Def **Marketing efficiency** & **Marketing margin**.

123) Non climecteric fruit **Grape**, **Citrus**

124) Root Pressure theory does not work in..

➢ Mango

➢ Gymnosperms

➢ angiosperms ➢ dicots.

125) Crapping Pattern Def

126) Plant growth is measured by → **auxanometer**, **crescograph**, **Horizontal**...all of.these

127) Which contingent crop which can be used throught the year.

128) Johnsan grass botanical name **Sorghum helpens**

129) Monophagous pest example

130) Denaveling is practiced in **banana**.

131) Carbon Percentage present in organic matter is **58**

132) which is not essential element for Plants **lead**

133) Fibre extraction stage of Sunhemp is **Flowering**.

134) For Hay making, fodder Crop is Harvested fowering

135) Basal Part of insect leg → **coxa**

136) Symptoms of **Phyllody** → ?

137) Alternate bearing in mango can be corrected by using **paclobutrazol 138)** Share Capital of RRB from Central Govt., State govt & Commercial sponsered bank was..**50%:15%:35%**

139) The law used when resources are limited **Equi marginal utility**

140) **Brine solution** is used for ergot Of Sorghum.

141) In Maharashtra, 2 (two) Prunnings are done in **grapes**.

142) Causal agent of soil erosion in Rajsthan Is **Wind**.

143) **Insitu** Conservation defination.

144) MSP is announced by **CACP**

145) In SWOT, S For Strengths T- For **Threats**

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146) In Solar Cooker, heat loss from inside to Outside is Prevented by..
147) Father of food Canning **Nicolas Apart**.
148) Silt Size is **0.02 - 0.002**
149) Kisan Call Centre Scheme was Launched in **2004**
150) Triphala churn is mixture of **Aonla**, **Beheda** & **Harad**.
151) The oil extracted in lemon grass from **Leaves**.
152) Ridge guard botanical name **luffa acutangula**.
153) Solasodine Present in **Brinjal**
154) Atrazine is used in **Maize** & **Sorghum**
155) Gurgaon project is Demonstratedt by **F.L. Brayne** 156) Poly embryony is seen in **Mango**
157) Marthandam Project → **Spencer hatch**.
158) Acid forming fertilizer **Ammonium Sulphate**
159) white leaf blotch of onion is due to Pest **Thrips**
160) ***Young's modulus*** and **Bulk *Modulus defination***
161) If calculated value is equal to table value then- Null hypothesis is **rejected**.
162) Right mandible is absent in **thrips**
163) Konkan prolific is a variety of **jack fruit**

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