

IGKV CET



Question Paper

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1.	Wind, solar, biomass, tidal energies are the examples of _____						
(a)	Non-renewable sources of energy	(b)	Renewable sources of energy	(c)	Chemical sources of energy	(d)	Electrical sources of energy
2.	The biogas can be converted in to Synthetic Natural Gas (SNG) by removing						
(a)	CO ₂ & H ₂ S	(b)	CO & H ₂ S	(c)	CO ₂ & H ₂	(d)	NO ₂ & H ₂ S
3.	Psychrometric chart is a graphical representation of _____ properties of moist air						
(a)	Physical Properties	(b)	Hygroscopic Properties	(c)	Thermodynamic Properties	(d)	Chemical Properties
4.	In concurrent flow dryers, the direction of flow of grains and heated air is						
(a)	Perpendicular	(b)	Opposite	(c)	Cross	(d)	Parallel
5.	Vegetables are subjected to drying after _____						
(a)	Sulphuring	(b)	Blanching	(c)	Sulphitation	(d)	Syruping
6.	How many characters were studied by Mendel in Garden Pea?						
(a)	5	(b)	7	(c)	9	(d)	14
7.	The alleles that produce similar phenotypic effects are known as						
(a)	Polyalleles	(b)	Isoalleles	(c)	Multiple alleles	(d)	Pseudoallele
8.	When a gene affects the expression of more than one trait, it is called as?						
(a)	Over dominant	(b)	Pleiotropic	(c)	Dominant	(d)	Epistatic
9.	Which of the following terms coined by Jacob and Monod?						
(a)	Codon	(b)	Plasmid	(c)	Operon	(d)	Cistron
10.	In mitosis, the longest phase is						
(a)	Prophase	(b)	Metaphase	(c)	Anaphase	(d)	Telophase
11.	Development of embryo either from synergids or antipodal cell is						
(a)	Parthenogenesis	(b)	Apogamy	(c)	Androgenesis	(d)	Apospory

12.	The male sterile line is			
	(a) A-line	(b) B-line	(c) R-line	(d) <i>ms</i> -line
13.	A restorer gene is present in			
	(a) Nucleus	(b) Cytoplasm	(c) Lysosome	(d) Golgi bodies
14.	A character determined by the cumulative effect of many genes is known as			
	(a) Quantitative character	(b) Qualitative character	(c) Both a & b	(d) None of these
15.	Heterosis can be fully exploited in the form of			
	(a) Multilines	(b) Synthetics	(c) Composites	(d) Hybrids
16.	$P = G + E + \underline{\hspace{2cm}}$, where P = Phenotype, G = Genotype & E = Environment			
	(a) (G X E)	(b) (G + E)	(c) (G - E)	(d) (G/E)
17.	Tift 23 A, a male sterile line is associated with the following crop			
	(a) Rice	(b) Maize	(c) Sorghum	(d) Pearl Millet
18.	“Zein” content in maize is related to			
	(a) Oil	(b) Disease resistance	(c) Protein	(d) Starch
19.	What is the common name of <i>Brassica nigra</i>			
	(a) Rapeseed	(b) Green mustard	(c) Black mustard	(d) Wild turnip
20.	Which of the following maize is Annual teosinte type			
	(a) <i>Zea mays</i>	(b) <i>Zea mexicana</i>	(c) <i>Zea perennis</i>	(d) <i>Zea diploperen</i>
21.	The growing point of the embryo which gives rise to the shoot, or the ground part of the plant is known as			
	(a) Epigeal	(b) Epicotyl	(c) Epistasis	(d) Epigyny
22.	Foundation seed is produced from			
	(a) Breeder seed	(b) Nucleus seed	(c) Registered seed	(d) Certified seed

23.	The physical or chemical process that weakens or softens the seed coat is known as			
(a)	Stratification	(b)	Certification	(c) Verification (d) Scarification
24.	The seeds which farmer generally used are called as			
(a)	Breeder seed	(b)	Nucleus seed	(c) Foundation seed (d) Certified seed
25.	Which of the following element is common to all proteins and nucleic acids			
(a)	Sulphur	(b)	Magnesium	(c) Nitrogen (d) Phosphorous
26.	Caveat Emptor means _____			
(a)	Let the seller be aware	(b)	Let the buyer be aware	(c) Let the retailer be aware (d) Let the broker be aware
27.	Quick ratio is also called as			
(a)	Current	(b)	Acid test	(c) Operating (d) Fixed
28.	Breakeven point is determined by			
(a)	TC=TR	(b)	MC=MR	(c) FC=VC (d) MC=AC
29.	'Das Kapital' was written by			
(a)	Adam smith	(b)	J.B.Say	(c) Karl Marx (d) A. Sen
30.	The letter 'b' in the production function : $y = a + bx$ is			
(a)	Dependent variable	(b)	Intercept	(c) Slope (d) Independent
31.	At the point of inflexion, the marginal product is			
(a)	Increasing	(b)	Decreasing	(c) Constant (d) Fluctuating
32.	State farming is managed by			
(a)	Tenant	(b)	Cooperative	(c) Land owner (d) Government
33.	AIDCAS is a abbreviation used for			
(a)	Teaching learning process	(b)	Rural development process	(c) Extension educational process (d) Steps of extension teaching

34.	Promoting cooperative attitude is main function of			
(a)	Education	(b)	Economic	(c) Political (d) Religious
35.	Family in which a women is married with more than one husband			
(a)	Polygynous	(b)	Polyandrous	(c) Polygamous (d) None of these
36.	SOTER is a abbreviation used for which process			
(a)	Teaching learning	(b)	Rural development	(c) Extension education (d) Extension teaching
37.	Andragogy deals with			
(a)	Change	(b)	Society	(c) Adult learning (d) None of these
38.	_____ is one of the components of NATP?			
(a)	SGSY	(b)	NAIP	(c) PMKSY (d) ATMA
39.	Who are referred as super competent entrepreneurs?			
(a)	Intrapreneurs	(b)	Woman entrepreneurs	(c) Ultrapreneurs (d) None of these
40.	Planning is a _____ process			
(a)	Motivational	(b)	Evaluation	(c) Decision making (d) Monitoring
41.	MANAGE is located at			
(a)	New Delhi	(b)	Mumbai	(c) Chennai (d) Hyderabad
42.	Which one is an element of diffusion?			
(a)	Adoption	(b)	Rejection	(c) Over time (d) Discontinuance
43.	Action, reaction and interdependence in communication process are called as			
(a)	Fidelity	(b)	Feedback	(c) Audience response (d) Credibility
44.	A working model is also known as			
(a)	Look-up	(b)	Mock-up	(c) Take-up (d) See-up

45.	The gully erosion is the last phase of _____			
	(a) Sheet erosion	(b) Rill erosion	(c) Splash erosion	(d) Bank erosion
46.	The V-shaped gullies are commonly found in _____			
	(a) Hilly areas	(b) Desert regions	(c) Level lands	(d) Humid tropics
47.	If sheet velocity is increased twice, then detaching power of sheet flow gets increased by _____			
	(a) 4 times	(b) 16 time	(c) 64 times	(d) 4 times
48.	In Chute Spillway, the outlet section is Normally _____			
	(a) Channel	(b) Grassed waterway	(c) SAF stilling basin	(d) Open sump
49.	Which of the following involves lowest erodability?			
	(a) Rock surface	(b) Clay soil	(c) Peat soil	(d) Black cotton soil
50.	The multi slot divisor is used for measuring _____			
	(a) Runoff	(b) Rainfall	(c) Temperature	(d) Pressure
51.	Aplanospores are produced by			
	(a) <i>Pythium</i>	(b) <i>Albugo</i>	(c) <i>Phytophthora</i>	(d) <i>Rhizopus</i>
52.	Viroid was discovered by			
	(a) Diener	(b) Doi	(c) Beijerinck	(d) E.F. Smith
53.	Peritrichous flagella are found in			
	(a) <i>Erwinia</i>	(b) <i>Xanthomonas</i>	(c) <i>Pseudomonas</i>	(d) <i>Corynebacterium</i>
54.	Sporangium on germination produces vesicle in genera			
	(a) <i>Pythium</i>	(b) <i>Phytophthora</i>	(c) <i>Sclerospora</i>	(d) <i>Peronospora</i>
55.	The perfect stage of rice blast fungus is			
	(a) <i>Cochliobolus</i>	(b) <i>Talaromyces</i>	(c) <i>Thanatephorus</i>	(d) <i>Magnaporthe</i>

56. Kresek phase' symptom is found in
 (a) Bacterial leaf streak of rice (b) Angular leaf spot of cotton (c) ✓ Bacterial leaf blight of rice (d) Brown spot of rice
57. Ooze test is the diagnostic test used for
 (a) ✓ Bacteria (b) Fungi (c) Algae (d) Virus
58. The repeating spores for the infection of rust fungi are
 (a) Aeciospores (b) ✓ Urediospores (c) Teliospores (d) Pycniospores
59. Which of the following is not a biological control agent?
 (a) ✓ *Pythium ultimum* (b) *Trichoderma harzianum* (c) *Bacillus subtilis* (d) *Pseudomonas fluorescens*
60. *Phytophthora* belongs to class
 (a) Chytridiomycetes (b) Zygomycetes (c) ✓ Oomycetes (d) Hypochytridiomycetes
61. The 'V shaped lesion' in the leaf of cabbage is the characteristic symptom of
 (a) Sclerotium rot (b) ✓ Black rot (c) Downy mildew (d) Alternaria blight
62. Red rust disease in plants is caused by
 (a) Fungi (b) Bacteria (c) ✓ Algae (d) Viroid
63. 'Target board effect' is caused by
 (a) ✓ *Alternaria* (b) *Phytophthora* (c) *Albugo* (d) *Fusarium*
64. The genome of bhendi yellow vein mosaic virus is composed of
 (a) Single stranded RNA (b) Double stranded RNA (c) ✓ Single stranded DNA (d) Double stranded DNA
65. The cyst nematode which affects rice as well as sugarcane is
 (a) *H. oryzae* (b) ✓ *H. sacchari* (c) *H. oryzae* (d) *H. zae*
66. Plant part where characteristic Ufra symptom in rice is produced
 (a) Stem (b) Leaf (c) ✓ Ear head (d) Root

67. Egg parasitic fungus of nematode
 (a) *Paecilomyces* sp. (b) *Pasteuria* sp. (c) *Fusarium* sp. (d) *Catenaria* sp.
 ✓
68. Out of given, identify the indigenous fast growing tree species
 (a) *Eucalyptus hybrid* (b) *Acacia auriculiformis* (c) *Pinus patula* (d) ✓ *Gmelina arborea*
69. Enrichment of water body with the plant nutrients is known as
 (a) Sedimentation (b) Eutrophication (c) Fertilization (d) Stratification
70. Environmental Protection Act was enacted in
 (a) 1972 (b) 1980 (c) 1986 (d) 2005
71. ✓ Montreal Protocol is related to
 (a) Green house effect (b) Ozone depletion (c) Acid rain (d) Sea level rise
72. Seeds swell when placed in the water because of
 (a) Osmosis (b) Imbibition (c) Hydrolysis (d) None of these
73. Hydroponics refers to
 (a) Growing of aquatic plants (b) Growing of floating aquatic plants (c) Soil-less cultivation of plants (d) Growing of plants in water
74. Auxanometer is used to measure
 (a) Movements (b) Growth (c) Auxin concentration (d) Respiration
75. Effect of Kinetin on delaying senescence is called as
 (a) Osborne effect (b) Richmond – long effect (c) Mother's effect (d) None of these
76. If $r=0.8$; $b_{yx}=1.6$ then $b_{xy}=?$
 (a) 0.04 (b) 0 (c) 0.2 (d) 0.4

77.	The principle of local control is not used in the design			
(a)	RBD	(b) LSD	(c) CRD	(d) None of these
78.	Which test statistic is used for testing the significance of correlation coefficient			
(a)	F	(b) T	(c) Z	(d) Chi-square
79.	Var (X) = 44, then Var (2X - 6) = ?			
(a)	72	(b) 176	(c) 212	(d) 216
80.	The error degrees of freedom for RCBD having 5 replications with 4 treatments is			
(a)	12	(b) 14	(c) 16	(d) 19
81.	The term gigabyte refers to			
(a)	2^{30} Bytes	(b) 2^{10} Kilobytes	(c) 2^{30} Kilobytes	(d) 2^{20} Bytes
82.	The brain of any computer system is			
(a)	ALU	(b) Memory	(c) CPU	(d) Control unit
83.	What is the full form of USB is used in Computer?			
(a)	Universal Security Block	(b) Ultra Security Block	(c) United Serial Bus	(d) Universal Serial Bus
84.	Molecular markers are based on			
(a)	DNA	(b) RNA	(c) Proteins	(d) Amino acids
85.	Growth hormone producing apical dominance is			
(a)	Auxin	(b) Gibberellin	(c) Ethylene	(d) Cytokinin
86.	Which of the following is a first generation DNA marker?			
(a)	RAPD	(b) AFLP	(c) ISSR	(d) CAPS
87.	Allozymes are which type of markers?			
(a)	Physiological	(b) Biochemical	(c) Morphological	(d) Molecular
88.	The procedure in which the animal emits heat from body is called as			
(a)	Convection	(b) Conduction	(c) Radiation	(d) Evaporation

89.	Which one of the following is not the domestic species of cattle?			
	(a) <i>Bos taurus</i>	(b) <i>Bos indicus</i>	(c) <i>Bos gaurus</i>	(d) <i>Bubalus bubalis</i>
90.	Pig house is called as			
	(a) Shed	(b) Byre	(c) Sty	(d) Flock
91.	Which one of the following breed of cattle belongs to Chhattisgarh?			
	(a) Sahiwal	(b) Kosali	(c) Gir	(d) Tharparkar
92.	Which among the following is a bottom feeder?			
	(a) Mrigal	(b) Common carp	(c) Rohu	(d) Both a & b
93.	Example of Chinese carp is			
	(a) Common carp	(b) Silver carp	(c) Grass carp	(d) All of these
94.	Silver carp is used for the control of			
	(a) Algae	(b) Insects	(c) Zooplankton	(d) All of these
95.	The fish considered to be most suitable donor of pituitary gland is			
	(a) Rohu	(b) Catla	(c) Grass carp	(d) Common carp
96.	Which is a photoautotroph			
	(a) Algae	(b) Nitrosomonas	(c) Protozoa	(d) Nitrobacter
97.	Most dominant species of Bacteria in soil is			
	(a) <i>Bacillus</i>	(b) <i>Pseudomonas</i>	(c) <i>Cocci</i>	(d) <i>Spirilla</i>
98.	Free living Nitrogen Fixer			
	(a) <i>Azotobacter</i>	(b) <i>Nitrobacter</i>	(c) <i>Rhizobium</i>	(d) <i>Clostridium</i>
99.	Association of fungi with roots of higher plants			
	(a) Lichen	(b) Mucor	(c) Mycorrhiza	(d) Actinomycetes
100.	Domestic quarantine exists on			
	(a) Rice blast	(b) Wart of potato	(c) Red rot of sugarcane	(d) Rust of wheat

101.	Which of the following erosion cannot be prevented by normal tillage operation?			
	(a) Rill	(b) Gully	(c) Sheet	(d) Splash
102.	Graded bunding is done in			
	(a) Heavy textured soils	(b) Light textured soil	(c) Medium textured soils	(d) None of these
103.	Which competition indices determine the yield advantage of intercropping over monocrop in terms of time?			
	(a) LER	(b) MAI	(c) ATER	(d) CR
104.	Taungya cultivation was started for the first time in			
	(a) Burma	(b) Nepal	(c) Bhutan	(d) China
105.	Which one of the following species is called as Green gold?			
	(a) Sal	(b) Sandal	(c) Bamboo	(d) Teak
106.	Which country leads in largest area under Organic farming?			
	(a) India	(b) Australia	(c) Burma	(d) Myanmar
107.	_____ is the nodal agency to promote the Indian organic agriculture and its export opportunities			
	(a) NAB	(b) NPOP	(c) NSOR	(d) APEDA
108.	_____ is a certification mark for organically farmed food products manufactured in India			
	(a) Indian Organic	(b) India Organic	(c) Organic India	(d) ECOCERT
109.	The visible radiation lies in the wavelength of			
	(a) 0.4-0.7m	(b) 0.4-0.7 μ m	(c) 0.4-0.7mm	(d) 0.4-0.7cm
110.	India Meteorological Department is situated at			
	(a) Panaji	(b) Pondicherry	(c) Pune	(d) Pallavaram
111.	The term 'disaster' is derived from which of the following language?			
	(a) Greek	(b) French	(c) Latin	(d) Arabic

112. The Disaster Management Act was made in which year?
 (a) 2006 (b) 2003 (c) 2005 (d) 2009
113. Dioscorine, a toxic alkaloid is present in some species of
 (a) Cassava (b) Potato (c) Sweet potato (d) Yams
114. Brinjal is also known as
 (a) Aubergine (b) Bread fruit (c) Poorman Orange (d) Baby fruit
115. The Planting material of Beet is known as
 (a) Seed ball (b) Seed (c) Kernel (d) Schizocarp
116. Gajendra is a popular variety of
 (a) Yam (b) Colocasia (c) Cassava (d) Elephant Foot Yam
117. Okra variety developed by IIHR is resistant to YVMV
 (a) Pusa Makhmali (b) Pusa Sawani (c) Arka Abhaya (d) Punjab Padmini
118. Mallika is a variety of
 (a) Mango (b) Banana (c) Citrus (d) Papaya
119. Which of the following citrus is a monoembryonic
 (a) Mandarin (b) Pummelo (c) Citron (d) Lime
120. Umran is a variety of
 (a) Mango (b) Ber (c) Litchi (d) Fig
121. Custard apple belongs to the family
 (a) Annonaceae (b) Musaceae (c) Anacardiaceae (d) Sapotaceae
122. The origin of Litchi is
 (a) India (b) Malaysia (c) China (d) Indonesia
123. Curcumin is obtained from
 (a) Ginger (b) Turmeric (c) Opium (d) Belladonna

124. Family of Coriander is
 (a) Asteraceae (b) Leguminosae (c) Umbelliferae (d) Graminae
125. Citronellol is obtained from
 (a) Lemon grass (b) Lavender (c) Vetiver (d) Citronella
126. ICRISAT is situated at
 (a) Manila (b) Hyderabad (c) Allahabad (d) Trinidad
127. Agrostology deals with the study of
 (a) Fruits (b) Flowers (c) Grasses (d) Vegetables
128. Which type of water is readily available to plants?
 (a) Gravitational water (b) Capillary water (c) Hygroscopic water (d) All of the above
129. Central Institute of Cotton Research is located at
 (a) Nagpur (b) Pune (c) Ahmadabad (d) Gandhinagar
130. Zero tillage system was first used successfully in _____ country for Pasture renovation in the year 1950
 (a) USA (b) India (c) Japan (d) France
131. Stem nodulation occurs in which of the following green manure crop
 (a) *Sesbania aculeata* (b) *Sesbania rostrata* (c) *Crotalaria juncea* (d) *Aeschynomene afraspera*
132. Which one is the most critical stage of irrigation in wheat?
 (a) Tillering (b) Crown Root Initiation (CRI) (c) Jointing (d) Flowering
133. The basic aim of nipping in gram is
 (a) To reduce the plant height (b) To promote branching (c) To promote flowering (d) To divert energy to flower bud

134. Lentil contains _____ % of protein

- (a) 18 (b) 15 (c) 20 (d) 25

135. The fruit of mustard is called as

- (a) Siliqua (b) Raceme (c) Caryopsis (d) Ear

136. _____ is not a commercial variety of lemon grass

- (a) Sugandhi (b) Pragathi (c) RRL-39 (d) Shivalik

137. Which of the following management practice is more problematic in direct seeded rice cultivation?

- (a) Fertilizer management (b) Weed management (c) Water management (d) Beushaning management

138. Golden rice is a rich source of

- (a) Vitamin A (b) Vitamin B (c) Vitamin C (d) Vitamin K

139. Which of the following gas is released from marshy fields of paddy?

- (a) CO_2 (b) CH_4 (c) SO_2 (d) CO

140. Pop corn is

- (a) *Zea mays indurata* (b) *Zea mays everta* (c) *Zea mays saccharata* (d) *Zea mays amylacea*

141. The HCN an undesirable chemical present in _____ fodder crop

- (a) Maize (b) Sorghum (c) Napier (d) None of these

142. Capillarity is due to

- (a) Adhesion (b) Cohesion (c) Both a & b (d) None of these

143. Consumptive use can be obtained by

- (a) $\text{CU} = \text{E} + \text{T}$ (b) $\text{CU} = \text{E}$ (c) $\text{CU} = \text{E} + \text{T} - \text{plant metabolic needs}$ (d) $\text{CU} = \text{E} + \text{T} + \text{plant metabolic needs}$

144.	In the watershed development programme, the management of _____ is taken in consideration			
(a)	Land and water	(b)	Vegetation	(c) Livestock (d) All of these
145.	Which of the following is a selective herbicide?			
(a)	Atrazine	(b)	Diquat	(c) Paraquat (d) Glyphosate
146.	<i>Striga</i> is associated with			
(a)	Sorghum	(b)	Mustard	(c) Maize (d) Gram
147.	Weed that is responsible for <i>Asthma</i> is			
(a)	<i>Calotropis</i>	(b)	<i>Parthenium</i>	(c) Kunch weed (d) Common grass weeds
148.	Rachana and Harbhajan are varieties of			
(a)	<i>Pisum sativum</i> var. <i>hortens</i>	(b)	<i>Pisum sativum</i> var. <i>arvense</i>	(c) <i>Pisum sativum</i> var. <i>garden</i> (d) None of these
149.	Bragg and Clark 63 are the varieties of _____ crop			
(a)	Sunflower	(b)	Gram	(c) Sorghum (d) Soybean
150.	Which of the following is accumulated in the plant body during water stress?			
(a)	Fats	(b)	Proline	(c) Carbohydrates (d) Glucose
151.	The number of segments in insect head is			
(a)	2	(b)	3	(c) 6 (d) 8
152.	Right mandible is absent in			
(a)	Mosquito	(b)	Dragon fly	(c) Honeybee (d) Thrips
153.	The basal segment of the leg is			
(a)	Tarsus	(b)	Femur	(c) Coxa (d) Trochanter
154.	Parthenogenesis is seen in			
(a)	Locust	(b)	Aphid	(c) Butterfly (d) Thrips

155.	Lady bird beetle family is			
	(a) Curculionidae	(b) Coccinellidae	(c) Chrysomelidae	(d) Bruchidae
156.	Who coined the term Ecosystem ?			
	(a) E. Haeckel	(b) A. Tansley	(c) C. Darwin	(d) C. Linnaeus
157.	Study of associations of organisms in relation to a particular area or habitat is			
	(a) Autecology	(b) Synecology	(c) Bioecology	(d) Psiecology
158.	The part of the neem which possess maximum active ingredient of insecticidal activity			
	(a) Leaf	(b) Roots	(c) Kernel	(d) Flowers
159.	<i>Bacillus thuringiensis</i> is			
	(a) Contact poison	(b) Stomach poison	(c) Fumigant	(d) Respiratory poison
160.	Pest population at which control measures has to be initiated			
	(a) EIL	(b) ETL	(c) GEP	(d) DB
161.	<i>Platygaster oryzae</i> is a larval parasitoid of			
	(a) Army worm	(b) Yellow Stem Borer	(c) Leaf folder	(d) Gall midge
162.	Rice Yellow Stem Borer hibernates as			
	(a) Egg	(b) Larva	(c) Pre-pupa	(d) Pupa
163.	Flared squares in cotton is caused by			
	(a) Pink boll worm	(b) American boll worm	(c) Spotted boll worm	(d) Tobacco caterpillar
164.	Insect pest which causes damage at night under the cover of darkness is			
	(a) Pod borer	(b) Cut worm	(c) Stem borer	(d) Termite
165.	Safflower aphid is			
	(a) <i>Myzus persicae</i>	(b) <i>Lipaphis erysimi</i>	(c) <i>Uroleucon carthami</i>	(d) <i>Aphis craccivora</i>

166.	Khapra beetle belongs to family			
	(a) Anobiidae	(b) Tenebrionidae	(c) Dermestidae	(d) Cucujidae
167.	_____ is a market situation in which there is only one buyer			
	(a) Duopoly	(b) Monoploly	(c) Monopsony	(d) Duopsony
168.	Kinked demand curve is seen in _____ market			
	(a) Monopolistics	(b) Perfect competition	(c) Oligopoly	(d) Monoploly
169.	Which of the following is floating capital			
	(a) Coal	(b) Food	(c) Clothes	(d) Implements
170.	Father of Economics is			
	(a) Smith	(b) Says	(c) Keynes	(d) Marshall
171.	RBI was established on _____			
	(a) 1934	(b) 1936	(c) 1935	(d) 1937
172.	Headquarters of World Bank is at _____			
	(a) Geneva	(b) London	(c) Paris	(d) Washington
173.	The birth of co operative movement is in the following country			
	(a) India	(b) England	(c) USSR	(d) USA
174.	_____ types of markets are permanent in nature			
	(a) Local	(b) Secular	(c) Sea board	(d) Specialized
175.	Demand creation is a sub function of _____			
	(a) Selling	(b) Buying	(c) Grading	(d) Processing
176.	Scientific name of Khus grass is			
	(a) <i>Vetiver zizanioides</i>	(b) <i>Curcuma aromatica</i>	(c) <i>Solanum khasianum</i>	(d) <i>Cymbopogon winterianus</i>
177.	<i>Aloe vera</i> is			
	(a) Xerophytic	(b) Mesophytic	(c) Epiphytic	(d) Hydrophytic

178.	Chemical used for degreening in Citrus and Pineapple is			
(a)	Ethylene	(b)	ABA	(c) CCC (d) Sorbic Acid
179.	TSS is measured by			
(a)	Salometer	(b)	Refractrometer	(c) Penetrometer (d) Tenderometer
180.	Preservative should not be added to coloured juices is			
(a)	KMS	(b)	Sodium Benzoate	(c) Citric Acid (d) Acetic Acid
181.	Founder of Modern Pedology is			
(a)	Marbut	(b)	Joffe	(c) Dokuchaev (d) Baldwin
182.	Soil formed due to deposition by river is			
(a)	Alluvium	(b)	Colluvium	(c) Marine (d) Lacustrine
183.	Mechanical analysis of soil texture is determined by law			
(a)	Darcy's law	(b)	Stoke's law	(c) Fourier's law (d) Bernoulli's law
184.	Which plant residue has the lowest rate of decomposability?			
(a)	Starch	(b)	Proteins	(c) Cellulose (d) Lignin
185.	If C : N ratio exceeds 30:1 _____ occurs			
(a)	Mineralisation	(b)	Nitrification	(c) Immobilisation (d) None of these
186.	Which is not a sugar?			
(a)	Ribose	(b)	Glucose	(c) Starch (d) Sucrose
187.	Conversion of unsaturated fatty acids into saturated fatty acids is known as			
(a)	Hydrogenation	(b)	Saponification	(c) Esterification (d) Hydrolysis
188.	The total DNA of an organism or a cell is called as			
(a)	Proteome	(b)	Genome	(c) Transcriptome (d) Oligome
189.	The word enzyme was coined by			
(a)	F.W. Kuhne	(b)	Louis Pasteur	(c) Traube (d) Crick

190.	mRNA is produced in the process of			
	(a) Replication	(b) Translation	(c) Mutation	(d) Transcription
191.	STCR approach was proposed by			
	(a) Ramamoorthy	(b) Liebig	(c) Mitscherlich	(d) Reddy
192.	Which of the following pH is true for alkali soils?			
	(a) > 8.5	(b) < 8.5	(c) < 7.5	(d) < 5.5
193.	Gypsum is added to the soil to reclaim			
	(a) Acid soil	(b) Saline soil	(c) Alkali soil	(d) Both b & c
194.	ppm =			
	(a) mg/kg	(b) $\mu\text{g/g}$	(c) g/kg	(d) Both a & b
195.	Deflocculation is caused due to the presence of excessive amount of _____ in the soil			
	(a) Ca	(b) Mg	(c) Na	(d) Al
196.	Manures are usually prepared from			
	(a) Organic materials	(b) Inorganic materials	(c) Both a & b	(d) None of the
197.	<i>Leucaena leucocephala</i> is an example of			
	(a) <i>In-situ</i> green manuring	(b) Green leaf manuring	(c) Composting	(d) None of the
198.	The % of P in DAP is			
	(a) 46%	(b) 18%	(c) 24%	(d) 20%
199.	Malathion is a/an			
	(a) Organochlorine	(b) Organophosphate	(c) Carbamate	(d) None of the
200.	Earthworm casting is rich in			
	(a) Zn	(b) Na	(c) P	(d) V