

# **QUESTION BOOKLET AND ANSWER KEY**

**For Recruitment Test for the post of**

**JE Horticulture**

**Code-P-7**

**held on 25.3.2012**

StudySite.org

## ENGLISH VERSION

1. ਸਮਾਜੀ ਸ਼ਬਦ ਚੁਣੋ ?  
(A) ਪੜਨਾਨੀ (B) ਮਹਾਂਦੇਵ (C) ਕਲਜੀਭੀ (D) ਥਾਂ-ਟਿਕਾਣਾ
2. ਨਾਂਵ ਕਿੰਨੇ ਪ੍ਰਕਾਰ ਦੇ ਹੁੰਦੇ ਹਨ :  
(A) ਛੇ (B) ਪੰਜ (C) ਚਾਰ (D) ਤਿੰਨ
3. 'ਮੁੱਛ ਦਾ ਵਾਲ ਬਣਨਾ' ਦਾ ਅਰਥ ਹੈ :  
(A) ਦੁਸ਼ਮਣ ਬਣਨਾ (B) ਡਰਾਉਣਾ  
(C) ਬਹੁਤ ਨੇੜੇ ਹੋਣਾ (D) ਰਿਸ਼ਤੇਦਾਰ ਬਣਨਾ
4. ਪੰਜਾਬ ਦੇ ਜੰਮਿਆਂ ਨੂੰ ----- ਮੁਹਿੰਮਾਂ । ਇਸ ਅਖਾਣ ਨੂੰ ਹੇਠ ਲਿਖੇ ਸ਼ਬਦਾਂ ਵਿੱਚੋਂ ਇੱਕ ਸ਼ਬਦ ਚੁਣ ਕੇ ਪੂਰਾ ਕਰੋ :  
(A) ਕਦੇ ਕਦੇ (B) ਹਰ ਸਾਲ (C) ਨਿੱਤ (D) ਵੱਡੇ ਹੁੰਨਿਆਂ
5. 'ਸੁੰਦ' ਨੂੰ ਸ਼ੁੱਧ ਕਰਕੇ ਲਿਖੋ  
(A) ਸੁੰਦਰ (B) ਸੁੰਦ੍ਰ (C) ਸੁੰਨਦਰ (D) ਸੁੰਦਰ

**Directions : (Qs 6-8):- Mark the correct preposition, out of the four choices given below, to be filled in the gaps:-**

- Q.6. Radheyshyam met..... an accident yesterday.  
(A) with (B) in (C) at (D) upon
- Q.7. You should try to bring him round ..... your views.  
(A) with (B) to (C) about (D) upon
- Q.8. Do you know that this road leads .... Delhi?  
(A) in (B) from (C) to (D) upon.

**Directions: (Qs 9-10):- Mark the expression, out of the four choices given below, that best conveys the meaning of the following idioms and phrases:-**




- Q.9. to carry weight:-  
(A) to carry burden (B) to be burdensome  
(C) to be ineffective (D) to be effective
- Q.10. to bite the dust:-  
(A) to be defeated (B) to die (C) to delay (D) to waste energy.
11. Which of the following is a 'great circle'?  
A) Arctic Circle B) Equator C) Tropic of Cancer D) Tropic of Capricorn
12. The slogan of French Revolution was  
A) One nation, one leader and one flag  
B) Government of the people, by the people, Government for the people  
C) Liberty, equality and fraternity  
D) Workers of the world unite

13. How many nations signed the UN Charter when the organization was established?  
 A) 25                                      B) 33                                      C) 31                                      D) 50
14. Since foundation of Nobel prize, lately which discipline has been added to the original five disciplines which were considered for the award of Noble prize.  
 A) Economics                              B) Medicine                              C) Peace                                      D) Literature
15. Oxygen was discovered by  
 A) Ruthford                                      B) William Ramsay                              C) Priestley                                      D) Neils Bohr
16. Under similar conditions, in which of the following gases will the speed of sound be the least?  
 A) Nitrogen                                      B) Oxygen                                      C) Carbon dioxide                                      D) Sulphur dioxide
17. If the distance between the earth and moon suddenly becomes half the present one, the gravitational force between them  
 A) remains unchanged                                      B) becomes half  
 C) becomes one fourth                                      D) becomes four times
18. Which two elements are used to absorb neutrons to control the chain reaction during nuclear fission?  
 A) Boron and Cadmium                                      B) Boron and Plutonium  
 C) Cadmium and Uranium                                      D) Uranium and Boron
19. Match the following  
 1. Glass                                      a) Phosphorus  
 2. Cement                                      b) Clay  
 3. Matches                                      c) Silica  
 4. Ink                                      d) Carbon black  
 A) 1b 2c 3d 4a                                      B) 1c 2b 3a 4d                                      C) 1b 2a 3d 4c                                      D) 1c 2d 3a 4b
20. Which of the following have maximum calorific value?  
 A) Carbohydrates                                      B) Fats                                      C) Proteins                                      D) Vitamins
21. Which is the major mineral found in Punjab?  
 A) Coal                                      B) Gold                                      C) Salt petre                                      D) Iron
22. The agency estimating the national income of India is  
 A) RBI                                      B) Planning Commission  
 C) Ministry of Finance                                      D) Central Statistical Organization
23. Who was the first Prime Minister of India who had to step down as a result of defeat in election?  
 A) Charan Singh                                      B) Morarji Desai                                      C) Indira Gandhi                                      D) Gulzari Lal Nanda
24. Regular census in India are held every 10 years. In which year was the first regular census held in India?  
 A) 1921                                      B) 1881                                      C) 1911                                      D) 1951



25. Which of the following airport is known as 'Suvarna Bhumi Airport'?
- A) Sri Lanka Airport                      B) Bangalore Airport  
C) Mumbai Airport                         D) Bangkok Airport
26. Solar eclipse occurs on:
- A) full moon day                            B) new moon day  
C) last quarter day                         D) first quarter day
27. Who is the author of controversial book 'Gatha Adi Shree Guru Granth Sahib'?
- A) Akhilesh Jaswal    B) Dr. Piar Singh    C) Dr. Rita Jashi    D) Dr. Piara Singh
28. Fish plates are used in railway tracks
- A) to avoid tracks being distorted due to temperature fluctuation  
B) to control speed of the train  
C) to connect two rails  
D) to keep the rails equidistant
29. Clove is obtained from:
- A) flower                      B) root                      C) stem                      D) leaves
30. What is the body temperature of a normal man
- A) 81.1°C                      B) 98.4°                      C) 98.6°C                      D) 36.9°C
31. The First Battle of Panipat was fought between:
- A) Shershah Suri and Akbar                      B) Humayun and Ibrahim Lodhi  
C) Babur and Ibrahim Lodhi                      D) Babur and Rana Sanga
32. "India, that is Bharat, shall be a union of states", occurs in which of the following Articles of Indian Constitution.
- A) 8                      B) 7                      C) 6                      D) 1
33. Akali Dal was formed in:
- A) 1910                      B) 1920                      C) 1930                      D) 1940
34. The pilotless target aircraft, fabricated at Aeronautical Development Establishment, Bangalore is:
- A) Lakshya                      B) Cheetah                      C) Nishant                      D) Arjun
35. Which sea is referred to in our National Anthem?
- A) bay of Bengal                      B) Indian Ocean                      C) Arabian Sea                      D) None
36. Gopal starts from his house towards West. After walking a distance of 30 mt., he turned towards right and walked 20 mt. He then turned left and after moving a distance of 10 mt., turned to his left and walked 40 mt. He now turns to his left and walked 5 mt. Finally he turns to his left. In which direction is he walking now?
- A) South                      B) North                      C) East                      D) South-West

37. Figures I and II are related in a particular manner. Replace the question mark on the basis of same relationship between III and IV.

			?
I	II	III	IV

- A)  B)  C)  D) 

38. The following statement is followed by 3 assumptions. Find which of the assumptions is/are implicit?

Statement: "A rare opportunity to be professional while you are at home." – An advertisement for computer literate housewives by a computer company.

Assumption: I – "Some housewives simultaneously desire to become professional."

II – Computer industry is growing at a fast pace

III – It is possible to be a professional as well as a housewife.

- A) Only I & II are implicit  
 B) Only II & III are implicit  
 C) Only I & III are implicit  
 D) Only II is implicit

39. Find the alternative that can replace question mark below:

3	8	10	2	?	1
6	56	90	2	20	0

- A) 0  
 B) 5  
 C) 7  
 D) 9

40. There are 50 students admitted to a nursery class. Some students can speak only English and some can speak only Hindi. 10 students can speak both English & Hindi. If the number of students who can speak English is 21, then how many students can speak Hindi, only Hindi and only English respectively?

- A) 39, 29 and 11  
 B) 37, 27 and 13  
 C) 28, 18 and 22  
 D) 21, 11 and 29

41. Find the correct inference according to the given premises and symbols:

a: not greater than    b: greater than    c: not equal to  
 d: equal to    e: not less than    f: less than

Premises: lcm and lam

- A) lbm    B) ldm    C) lem    D) lfm

42. Saturday was a holiday for Republic Day. 14<sup>th</sup> of the next month was a holiday for Shivratri. What day it was Shivratri?

- A) Monday    B) Tuesday    C) Thursday    D) Friday

43. In a row of boys, Jeevan is 7<sup>th</sup> from the start and 11<sup>th</sup> from the end. In another row of boys, Vikas is 10<sup>th</sup> from the start and 12<sup>th</sup> from the end. How many students are there in both rows?

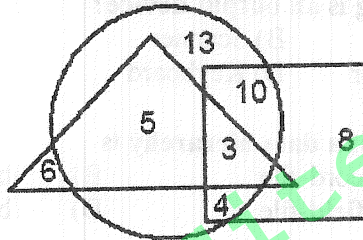
- A) 36    B) 38    C) 39    D) cannot be determined



44. A person is asked to put in a basket one apple when ordered 'one', one guava when ordered 'two', one orange when ordered 'three' and is asked to take out from the basket one apple and one guava both when ordered 'four'. The order of sequence executed is: 1,2,3,3,2,1,4,2,3,1,4,2,2,3,3,1,4,1,1,3,2,3,4  
How many guavas will be there in the basket at the end of above order sequence?  
A) 1 B) 2 C) 3 D) 4

45. Study the following arrangement and answer the question below:  
JY2 = S++EGMX7\$HP9KLβ@WQ13#CD÷  
How many such symbols are there such of which is either immediately followed by a number or immediately preceded by a letter, but not both?  
A) Nil B) 1 C) 2 D) 3

46. In the following diagram, the square represents women, triangle represents corporate managers and circle represents MBAs. Which part represent - Women - MBA - Corporate Managers.



- A) 3 B) 5 C) 8 D) 13
47. There are 5 persons P, Q, R, S and T. One is football player, one is chess player and one is hockey player. P and S are unmarried ladies and do not participate in any game. None of the ladies plays chess or football. There is a married couple in which T is the husband. Q is the brother of R and is neither a chess player nor a hockey player.  
The three ladies are:  
A) P, Q, R B) Q, R, S C) P, Q, S D) P, R, S
48. D is taller than C and E. A is not as tall as E. C is taller than A. D is not as tall as B. Who among them is next to the tallest one?  
A) A B) B C) D D) E
49. If 'P\$Q' means 'P is father of Q', 'P#Q' means 'P is mother of Q', 'P\*Q' means 'P is sister of Q' then how is 'D' related to 'N' in N#ASB\*D?  
A) nephew B) data inadequate C) grandson D) grand daughter
50. Find the term which does not fit into the series?  
1CV, 5FU, 9IT, 15LS, 17OR  
A) 5FU B) 15LS C) 9IT D) 17OR
51. You wish to install a hardware device that is not Plug and Play. Which of the following is commonly the first instruction given in help manual to install this device?  
A) Install the driver B) Install the device  
C) Turn the power off D) Disconnect the monitor

- 52 **Mark the odd one**  
A) Mouse. B) Keyboard. C) Joystick. D) Monitor.
- 53 **A biometric device \_\_\_\_\_.**  
A) Allows users to connect to a computer only after computer calls back at a previously established telephone number  
B) Authenticates a person's identity by verifying personal characteristics  
C) Is a unique combination of characters, such as letters of the alphabet or numbers, that identifies one specific user  
D) Is any item that must be carried to gain access to a computer or computer facility
- 54 **A UPS :**  
A) increases the storage capacity of a computer system  
B) increases the process speed  
C) provides backup power in the event of a power cut  
D) increases I/O speed
- 55 **Which of the following is an output device?**  
A) Bar Code Reader B) Scanner  
C) Multimedia Projector D) Keyboard
- 56 **The ascending order of a data hierarchy is**  
A) bit-byte-field-record-file B) bit-byte-record-field-file  
C) byte-bit-record-field-file D) byte-bit-field-record-file
- 57 **Find the odd one out**  
A) MS-Excel B) Windows XP C) Linux D) DOS
- 58 **A word processor would most likely be used to do**  
A) Keep an account of money spent B) Do a computer search in media center  
C) Maintain an inventory D) Type a biography
- 59 **A printer is used to**  
A) Store the data B) Browse the World Wide Web  
C) Make a video D) To convert softcopies of data into hardcopies
- 60 **Formatting disk involves**  
A) Copying contents of one disk to another disk  
B) Preventing a user from copying the disk  
C) Erasing the disk contents and giving it an empty root directory  
D) None of the above
61. **A coarse soil mineral component is used to improve:**  
A) Sufficient firmness and density to hold seed and cuttings in place  
B) Drainage and aeration by increasing proportion of large air-filled pores  
C) To increase hydrophobic nature  
D) All of the above
62. **The remains of aquatic, marsh, bog or swamp vegetation preserved under water in a partially decomposed state is known as**  
A) Organic fertilizer B) Peat C) Sphagnum moss D) Reed sedge



63. \_\_\_\_\_ is micaceous mineral that expands markedly upon heating, is a chemically hydrated magnesium-aluminum-iron silicate.  
A) Pumice      B) Calcined clay      C) Vermiculite      D) Perlite
64. A biological decomposition product of bulk organic waste which takes place in bins, pits or piles is known as:  
A) Organic fertilizer      B) Compost  
C) Synthetic organo-aggregate      D) All of the above
65. The vegetables need to be \_\_\_\_\_ immediately after harvesting to remove field heat.  
A) Stored      B) Pre-cooled      C) Refrigerated      D) Sterilized
66. During processing of fruits and vegetables, transport losses occur in general as:  
A) 10-15 %      B) 15-20 %      C) 25-30 %      D) 30-40 %
67. During fruit juice canning pasteurization is done at the temperature of:  
A) 70 °C      B) 74 °C      C) 78 °C      D) 82 °C
68. Alcohol produced from cassava with a suited process for commercial exploitation is:  
A) Methyl alcohol      B) Ethyl alcohol      C) Butyl alcohol      D) Propyl alcohol
69. In coconut oil the amount of saturated acids present is represented by:  
A) 60 %      B) 70 %      C) 80%      D) 90%
70. The quality of coffee mainly depends upon:  
A) Harvesting      B) Processing      C) Physiological maturity      D) Ripening
71. The common name of *Dianthus caryophyllus*, an important commercial flower is:  
A) Amryllis      B) Daisy      C) Carnation      D) Dahlia
72. Propagation plant material used commercially for Tuberose (*Polianthus tuberosa*) is:  
A) Poly-embryonic seeds      B) Bulbs  
C) Graft and budding raised      D) Rooted cuttings
73. What are the dangers of using exotic tree species to a particular habitat?  
A) Loss of wood  
B) Loss of desired wood quality  
C) Attack by pest or morality due to change in environment  
D) All the above
74. The starting point in the production of genetically superior seeds of a tree species is the selection of:  
A) Multipurpose Tree Species (MPTS)      B) Candidate Plus Trees (CPT)  
C) High Yielding Trees (HYT)      D) All the above
75. The plants which do not conform to the genetic and physical characters and other undesirable plants in the crop should be:  
A) Promoted      B) Used in agroforestry  
C) Rogued out      D) Commercially exploited



76. To check the seed viability and vigour, seed germination is tested with:  
A) Agglutination test      B) ELISA test  
C) Tetrazolium test      D) DNA fingerprinting
77. Seed ageing causes \_\_\_\_\_ changes affecting genetic purity of a cultivar.  
A) Orthodox      B) Biochemical      C) Cytogenetical      D) Visible
78. Generally, bearing of fruits in coffee plants begins in the:  
A) Second year      B) Third year      C) Fourth year      D) Fifth year
79. The producers of fruits and vegetables earn responsible returns by adopting:  
A) Efficient storage practices      B) Efficient pre-cooling systems  
C) Efficient marketing systems      D) Efficient transportation systems
80. The higher salt content in the compost prepared largely from leaves may inhibit plant growth which can only be lowered by:  
A) Use of neutral additives      B) Use of alkaline additives  
C) Leaching with water      D) Use of acidic additives
81. While preparing fruit jam the end point temperature is kept as:  
A) 99.5 °C      B) 102.5 °C      C) 105.5 °C      D) 108.5 °C
82. Storage life of non-perishable fruits generally, exceeds:  
A) 6 weeks      B) 8 weeks      C) 10 weeks      D) 12 weeks
83. The pungency of the brew is affected by the time a tea has acquired a moisture content of about:  
A) 6-7 %      B) 7-8 %      C) 9-10 %      D) 11-12 %
84. The value of crop seed quality concerns:  
A) Price index for the crop harvest  
B) Input and output of seed quantity  
C) An energy or protein source in human food or animal feed  
D) Returns from the harvested crop
85. Methyl bromide is \_\_\_\_\_ material whose use has been banned in few countries as it contributes to earth's ozone layer.  
A) Odorless      B) Volatile  
C) Toxic to animals including humans      D) All of the above
86. Maximum exploitation of heterosis in crop plants is possible only through production of \_\_\_\_\_ with high degree of heterozygosity.  
A) Sexually reproduced seeds      B) F<sub>1</sub> hybrids  
C) Bud propagules      D) Protoplast culture
87. Sunflower is a cross pollinated crop and the pollinating agent in this crop is:  
A) Anemophilous      B) *Helianthus annuus*      C) *Apis mellifera*      D) Hydrophilous
88. Citrus seed viability declines rapidly in \_\_\_\_\_ due to increased content of phenolic compounds.  
A) Cold storage      B) Open storage      C) Seed treatment      D) Seed drying

89. Injury caused by high temperature during daytime and low temperature during night time on the sides of bark is  
 A) Thermal death point      B) Stem girdle  
 C) Sun clad      D) Threshold point
90. The portion of stem that is left in the field after harvest is called as  
 A) Stubble      B) Rhizome      C) Intermodal segment      D) Tuber
91. The introduction of bacterium *Bacillus thuringiensis* (BT) during propagation infecting and controlling most caterpillars, fungal gnat larvae without having much effect on other insects or environment is a \_\_\_\_\_.  
 A) Integrated pest management (IPM)      B) Biological control in IPM  
 C) Cultural control in IPM      D) Pasteurization of propagation media
92. Vegetable juices are acidified with organic or mineral acids to allow their processing at \_\_\_\_\_.  
 A) Room temperature      B) Low temperature  
 C) Boiling temperature      D) Pasteurization
93. Propagation of Rose is mainly carried out by the use of  
 A) Grafting      B) T-budding & Air-layering  
 C) Stem cuttings      D) Rhizomes
94. Ideal temperature for the growth of Chrysanthemum is  
 A) 0 – 10 °C      B) 10 – 20 °C      C) 10 – 30 °C      D) 20 – 40 °C
95. Bavistin treatment of \_\_\_\_\_ is given to Gladiolus corms for their cold storage.  
 A) 0.1% for 10 min      B) 0.2% for 30 min  
 C) 0.3% for 10 min      D) 0.4% for 10 min
96. Cacti are differentiated from the succulents due to the presence of  
 A) Thick fleshy stem      B) Non-succulent nature  
 C) Mechanism of photosynthesis      D) Areoles
97. The pressure of water vapours nearly \_\_\_\_\_ for each 10 °C rise in temperature.  
 A) Equals      B) Doubles      C) Triples      D) None of the above
98. Failure of the endosperm to develop properly, results in retardation or arrest of embryo development, leading to embryo abortion is known as  
 A) Sterility      B) Infertile      C) Self-incompatible      D) Somatoplastic sterility
99. Self incompatibility is a known phenomenon in all \_\_\_\_\_ species.  
 A) Brinjal      B) Tomato      C) Brassica      D) Carrot
100. The scientific name of the grand avenue tree 'Chenar' is \_\_\_\_\_ which provides wonderful terraced gardens designed by 'Moghuls' in Kashmir.  
 A) *Bignonia venusta*      B) *Putranjiva roxburghii*  
 C) *Platanus orientalis*      D) *Mimusops elengi*



101. The evaporation from a fully exposed water surface is the function of environmental factor such as  
 A) Water temperature B) Wind  
 C) Relative humidity and Pressure D) All of the above
102. Agriculture is the deliberate cultivation of crops for use by the humans involving  
 A) Plant breeding B) Plant propagation  
 C) Crop production and food technology D) All of the above
103. Green houses have a long history of use by horticulturists as a means of providing \_\_\_\_\_ of plants.  
 A) Protected growth environment B) Rapid and controlled growth  
 C) Disease free environment D) Self-pollinating environment
104. Conservation of energy in the green houses is an important parameter in the form of :-  
 A) Root zone heating B) Aerial part heating  
 C) Solar heating D) All of the above
105. Controlled release fertilizers provide nutrients to the plants gradually over a long period of time \_\_\_\_\_.  
 A) As per different growth stage requirements of the plant  
 B) To reduce possible injury from excessive application  
 C) To be utilized only at the reproductive stage of the crop  
 D) All of the above
106. Excessive salts in the propagating or growing mixer or in irrigation water (EC over 2 dS per m) can \_\_\_\_\_.  
 A) Reduce plant growth B) Burn foliage  
 C) Even kill the plant D) All of the above
107. The salt tolerance of un-rooted cuttings, germinating seeds, and tissue culture plants is \_\_\_\_\_ to that of established plants.  
 A) Much higher B) Much lower  
 C) Not related D) Directly proportional
108. \_\_\_\_\_ is a method of improving water quality in which the solvent is forced through semi-permeable membrane under pressure from a more to lesser concentrated solution by eliminating unwanted salts.  
 A) Osmosis B) Reverse osmosis C) Filtration D) Diffusion
109. \_\_\_\_\_ not only provide increased heterozygosity for evolutionary adaptation within population but, increases vigor tends also.  
 A) Grafting B) Self-pollination  
 C) Cross-pollination D) Adventitious rooting
110. Seeds produced from the embryos developed in tissue culture from somatic cells and cell suspension systems are known as \_\_\_\_\_.  
 A) Synthetic seeds B) Hybrid seeds  
 C) Haploid seeds D) True seeds



111. Failure of endosperm to develop properly results in the retardation of embryo development causing its abortion, and the phenomenon is \_\_\_\_\_.
- A) Incompatibility                      B) Somatoplastic sterility  
C) Double fertilization                D) None of the above
112. The production of embryo that bypasses the usual process of meiosis and fertilization is known as \_\_\_\_\_.
- A) Apomixis                                B) Polyembrogenesis  
C) Recurrent apomixis                D) False embryogenesis
113. The development of roots, shoots or complete plantlets from individual or clump of cells is \_\_\_\_\_.
- A) Callus            B) Organogenesis            C) Macro-propagation            D) Micro-propagation
114. In plant breeding, the fusion of protoplasts of two different genotypes, such as two species, which combine two nuclei and two cytoplasm in a process called \_\_\_\_\_.
- A) Somaclonal variation                B) Somatic hybridization  
C) Callus culture                         D) Micro-genesis
115. The quick desiccation of leaves on the micro-shoots developed under *in vitro* conditions occur when transferred outdoor due to \_\_\_\_\_.
- A) Lack of chloroplasts                B) Lack of epicuticular waxes  
C) Lack of photosystem II             D) All of the above
116. A specialized stem that develops from the axil of a leaf at the crown of a plant growing horizontally along the ground and forming a new plant at one of the nodes is:
- A) Runner            B) Sucker                      C) Stolons                      D) Offsets
117. The development of \_\_\_\_\_ between scion and the root stock is essential for establishing a graft.
- A) Vascular connection                B) Callus  
C) Water channels                        D) Parenchyma channels
118. \_\_\_\_\_ is the selection and/or developing specific kind of plants which are mostly useful to promote man's well being.
- A) Plant breeding                        B) Plant propagation  
C) Crop production                      D) Food technology
119. Grafting waxes perform the function of \_\_\_\_\_.
- A) Sealing graft union  
B) Preventing loss of moisture and death of tender exposed cells on cut surface  
C) Preventing entrance of various decay producing organisms that rot wood  
D) All of the above
120. Production of a composite plant by grafting onto a dwarfing rootstock is an alteration in the normal growth pattern, and therefore, it requires:
- A) Redirected growth until equilibrium between root stock-scion system  
B) Altered levels of phytohormones  
C) Altered levels of growth nutrients  
D) All of the above

KEY P-7											
Q	A	Q	A	Q	A	Q	A	Q	A	Q	A
1	D	21	C	41	D	61	B	81	C	101	D
2	B	22	D	42	C	62	B	82	D	102	D
3	C	23	C	43	B	63	C	83	C	103	B
4	C	24	B	44	B	64	B	84	C	104	C
5	D	25	D	45	D	65	B	85	D	105	B
6	A	26	A	46	A	66	C	86	B	106	D
7	B	27	B	47	D	67	B	87	C	107	B
8	C	28	B	48	C	68	B	88	B	108	B
9	D	29	C	49	B	69	B	89	C	109	C
10	A	30	D	50	B	70	B	90	A	110	A
11	B	31	C	51	C	71	C	91	B	111	B
12	C	32	D	52	D	72	B	92	B	112	A
13	D	33	B	53	B	73	D	93	B	113	B
14	A	34	A	54	C	74	B	94	C	114	B
15	C	35	D	55	C	75	C	95	B	115	B
16	D	36	B	56	A	76	C	96	D	116	A
17	D	37	D	57	A	77	C	97	B	117	A
18	A	38	C	58	D	78	B	98	D	118	A
19	B	39	B	59	D	79	C	99	C	119	D
20	B	40	A	60	C	80	C	100	C	120	A