PREVIOUS YEAR PAPER

UP PGT 2016 — Agriculture (Series A)

UP PGT · 1 or 2 February 2019

125 questions · +3.4 for a correct answer, −0 for a wrong one · 120 minutes

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Questions from the U.P. Secondary Education Services Selection Board's paper of 1 or 2 February 2019. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/up-pgt/previous-year-papers/up-pgt-2016-agriculture-series-a/

Agriculture

1. Nitrogen is taken by the plants in the form of
   (a) NH_4^+ and NO_3^-
   (b) N_2O and NO
   (c) NO and NO_2
   (d) HNO_3
   Answer: (a)

2. Which one of the following is micro-herbicide ?
   (a) Diquat
   (b) Metsulfuron methyl
   (c) Collego
   (d) Bromacil
   Answer: (c)

3. Which one of the following is not responsible for external-chromosomal inheritance ?
   (a) Mitochondria
   (b) Plastids
   (c) Plasmids
   (d) Mesosomes
   Answer: (d)

4. Father of Economics is
   (a) Marshall
   (b) Robbins
   (c) Adam Smith
   (d) J. M. Keynes
   Answer: (c)

5. Which of the following is salt tolerant crop ?
   (a) Pea
   (b) Lemon
   (c) Sugar beet
   (d) Cowpea
   Answer: (c)

6. In which of the following group of gypsum soils, gypsum is a primary constituent ?
   (a) Gypseous
   (b) Gypseferous
   (c) Gyprock
   (d) All of these
   Answer: (a)

7. Which one of the following preservative is used in the preparation of tomato ketchup ?
   (a) Potassium metabisulphite
   (b) Citric acid
   (c) Sodium benzoate
   (d) Sodium metabisulphite
   Answer: (c)

8. The stem above the ground in Banana is known as
   (a) Pseudostem
   (b) Rhizome
   (c) Succers
   (d) None of the above
   Answer: (a)

9. Content of HCN is maximum in the initial development stage of which of the fodder crop ?
   (a) Bajra
   (b) Mothbean
   (c) Cluster bean
   (d) Jowar
   Answer: (d)

10. The most sustainable agricultural system is
   (a) LEIA
   (b) LEISA
   (c) HEIA
   (d) None of these
   Answer: (b)

11. The main symptom of foot and mouth disease is
    (a) Sunken eyes
    (b) Bloody diarrohea
    (c) Rapid pulse and heart rates
    (d) Blisters in the mouth and on feet
    Answer: (d)

12. The cost of production can be minimized by using the principle of
    (a) Law of returns
    (b) Law of opportunity costs
    (c) Law of least-cost combination
    (d) Cost principle
    Answer: (c)

13. Orobanche weed is related to the crops
    (a) Wheat, Gram
    (b) Bajra, Maize
    (c) Mustard,Tobacco
    (d) Cotton, Berseem
    Answer: (c)

14. Who is called as Father of PRA ?
    (a) Robert Chambers
    (b) Neils Rolling
    (c) Van den Ban
    (d) Paul Leagans
    Answer: (a)

15. Site of protein synthesis is
    (a) Ribosome
    (b) Mitochondria
    (c) Chloroplast
    (d) Nucleus
    Answer: (a)

16. Of the four major groups of bio-stimulants, which one provides protection from biotic and abiotic stresses?
    (a) Humic substances
    (b) Amino acid/Protein hydrolysates
    (c) Plant Growth Promoting Bacteria (PGPB)
    (d) All of these
    Answer: (b)

17. Which one of the following fertilizer is also known as amide and organic fertilizer ?
(a) Sodium nitrate
(b) Ammonium nitrate
(c) Urea
(d) Calcium sulphate
Answer: (c)

18. Select the crop rotation having deep root system.
(a) Rice – Wheat – Maize
(b) Sugarcane – Safflower – Castor
(c) Groundnut – Tobacco – Papaya
(d) Onion – Garlic – Vegetables
Answer: (b)

19. The role of extension education in agricultural development is largely
(a) Administrative
(b) Supervisory
(c) Authoritative
(d) Catalytic
Answer: (d)

20. The pH of fresh milk is
(a) 6.0
(b) 6.7
(c) 7.2
(d) 7.7
Answer: (b)

21. Operation holding refers to
(a) Land area owned by farmers
(b) Cropped area cultivated by farmers
(c) Net land area cultivated by farmers
(d) Land area leased in by farmers
Answer: (c)

22. Common bread wheat (T. aestivum) having 2n=42 is an
(a) Hexaploid
(b) Diploid
(c) Tetraploid
(d) Monoploid
Answer: (a)

23. Which of the following is considered as a recent preventive measure for weed management in Direct Seeded Rice?

(a) Residual mulching
(b) Crop rotation
(c) Seed predation
(d) Intercultivation

Answer: (c)

24. Phalaris minor weed belongs to the family

(a) Cyperaceae
(b) Gramineae
(c) Number of humid months
(d) None of these

Answer: (b)

25. When a F1 hybrid is crossed with one of its parents, it is called

(a) Test cross
(b) Back cross
(c) Mass selection
(d) None of these

Answer: (b)

26. Depletion of ozone layer causes

(a) Global warming
(b) UV radiation reaching the earth
(c) Excess rainfall
(d) Acid rain

Answer: (b)

27. Which one of the following is used as an antiseptic as well as to treat some kinds of infections in animals ?

(a) Urea
(b) Phosphoric acid
(c) Chloroform
(d) Boric acid

Answer: (d)

28. Digestive enzymes are found in digestive tracts of animals especially in the

(a) Chromosomes
(b) Lysosomes
(c) Golgi bodies
(d) Mitochondria

Answer: (b)

29. Initial seed of an improved variety is known by the name
    (a) Breeder seed
    (b) Foundation seed
    (c) Nucleus seed
    (d) Registered seed
    Answer: (c)

30. Heat-resistant fungi contamination has become major problem especially in processing of fruits like
    (a) Strawberry
    (b) Mango
    (c) Citrus
    (d) Apple
    Answer: (a)

31. Which of the following principle is employed in production when resources are scarce ?
    (a) Equi-marginal principle
    (b) Comparative advantage
    (c) Law of returns
    (d) None of the above
    Answer: (a)

32. Mastitis is an infectious disease of milch animals that affects mainly
    (a) Breasts
    (b) Legs
    (c) Tail
    (d) Mouth
    Answer: (a)

33. Which one of the following is also known as caustic soda ?
    (a) Sodium peroxide
    (b) Ammonium hydroxide
    (c) Sodium hydroxide
    (d) None of the above
    Answer: (c)

34. In cellular respiration, the process of glycolysis takes place in
    (a) Mitochondria
    (b) Plastids
    (c) Peroxisomes
    (d) Cytoplasm
    Answer: (d)

35. Communication taking place between the farmers and the extension people are, usually
(a) Formal and personal in nature
(b) Informal and impersonal in nature
(c) Formal and impersonal in nature
(d) Informal and personal in nature
Answer: (b)

36. Bt cotton is a Genetically Modified Organism (GMO) cotton variety having the feature of
(a) Insecticide tolerant
(b) Fungicide tolerant
(c) Herbicide tolerant
(d) None of these
Answer: (a)

37. Which of the following represents hormone based Plant Bio-Regulator (PBR) ?
(a) Potassium
(b) Polyamines
(c) Nitric oxide
(d) Salicylic acid
Answer: (d)

38. In which of the following cases of plant populatio pes, the inter plant competition may be sufficiently severe at the time of flower initiation ?
(a) Wide spacings
(b) Moderately dense stands
(c) Very dense stands
(d) None of these
Answer: (b)

39. Endosperm is absent in seeds of
(a) Orchids
(b) Wheat
(c) Castor
(d) Maize
Answer: (a)

40. Generally, a soybean seed contains
(a) 20% oil and 40% protein
(b) 20% oil and 20% protein
(c) 40% oil and 40% protein
(d) 40% oil and 20% protein
Answer: (a)

41. SAMETI is State level training institute under
    (a) ATMA
    (b) MGNREGA
    (c) NRLM
    (d) SRLM
    Answer: (a)

42. Milk fever is a cattle disease characterised by
    (a) Increased blood calcium level
    (b) Reduced blood calcium level
    (c) Increased sugar level in blood
    (d) Reduced sugar level in blood
    Answer: (b)

43. When the yield is the product of vegetative crop growth, density – yield relationship is
    (a) Asymptotic
    (b) Parabolic
    (c) Non-Parabolic
    (d) Linear
    Answer: (a)

44. Sucrose is a non-reducing disaccharide compose f
    (a) Glucose and fructose
    (b) Glucose and maltose
    (c) Glucose and galactose
    (d) Fructose and galactose
    Answer: (a)

45. Both embryonic and post-embryonic type of root system is found in
    (a) Bajra
    (b) Sorghum
    (c) Finger millet
    (d) Maize
    Answer: (d)

46. Short-day plants are
    (a) Short night plants
    (b) Long night plants
    (c) Long day plants
    (d) Day neutral plants
    Answer: (b)

47. Communicator is the characteristic element in the model of
    (a) Leagans
    (b) Lezwell
    (c) Berlo
    (d) Rogers
    Answer: (a)

48. Which one of the following insecticide is also used as a growth hormone ?
    (a) 2, 4-D
    (b) Chloropyriphos
    (c) Ethylene
    (d) None of these
    Answer: —

49. Which of the following indicates photosynthetic efficiency ?
    (a) LAD
    (b) LAI
    (c) RGR
    (d) NAR
    Answer: (d)

50. BGA is essential for the production of
    (a) Sugarcane
    (b) Rice
    (c) Wheat
    (d) Maize
    Answer: (b)

51. Proteins are complex organic compounds composed of
    (a) Carboxylic acids
    (b) Amino acids
    (c) Citric acids
    (d) Enzymes
    Answer: (b)

52. "DUS – test" is for testing
    (a) Irrigation
    (b) Variation in crop varieties
    (c) Cattle breeds
    (d) Milk purity
    Answer: (b)

53. The bacteria that fixes nitrogen after becoming established inside the root nodules of legumes is
    (a) Mycorrihiza
    (b) Actinomycetes
    (c) Bacillus
    (d) Rhizobium

    Answer: (d)

54. AGMARK logo is denoted on
    (a) Synthetic products
    (b) Organic products
    (c) Agricultural products
    (d) Industrial products

    Answer: (c)

55. Crops grown on acid sulphate soils suffer mainly due to
    (a) Low pH
    (b) Dissolved ions of Al, Fe and Mn
    (c) Aluminium toxicity
    (d) Presence of excess pyrites

    Answer: (c)

56. A disaccharide sugar composed of galactose and glucose that is found in milk is
    (a) Sucrose
    (b) Maltose
    (c) Lactose
    (d) Fructose

    Answer: (c)

57. One of the training methods which can be applied to change the attitude of trainees is
    (a) Method demonstration
    (b) Study tours
    (c) Symposium
    (d) Workshop

    Answer: (d)

58. Triticale is a cross between
    (a) Wheat and Rye
    (b) Wheat and Bajra
    (c) Bajra and Rye
    (d) Wheat and Maize

    Answer: (a)

59. Heat trapping is extremely beneficial in
    (a) Tropical climate
    (b) Temperate climate
    (c) Sub-tropical climate
    (d) None of these
    Answer: (b)

60. Seed rate of composite maize per hectare is
    (a) 15 – 18 kg
    (b) 10 – 12 kg
    (c) 20 – 25 kg
    (d) 18 – 20 kg
    Answer: (d)

61. Category of plant competition in which yield of each species is greater than expected is
    (a) Mutual inhibition
    (b) Mutual cooperation
    (c) Compensation
    (d) All of these
    Answer: (b)

62. Nutrient also known as “ultra-micro nutrient” is –
    (a) Calcium
    (b) Magnesium
    (c) Molybdenum
    (d) Zinc
    Answer: (c)

63. What is necessary for seed formation in plants ?
    (a) Meiosis
    (b) Mitosis
    (c) Male sterility
    (d) All these
    Answer: (a)

64. NABARD was established during the year
    (a) 1928
    (b) 1934
    (c) 1935
    (d) 1955
    Answer: —

65. Apicotyl grafting is used as a propagation technique in Maharashtra for which fruit crop ?
(a) Mango
(b) Papaya
(c) Banana
(d) Guava
Answer: (a)

66. The process of separation of fibre from stem is
(a) Ratooning
(b) Thrashing
(c) Retting
(d) Smashing
Answer: (c)

67. Site of vernalization in seeds is
(a) Radicle
(b) Seed coat
(c) Plumule
(d) None of the above
Answer: (c)

68. "Cat face" is a physiological disorder of
(a) Okra
(b) Tomato
(c) Cauliflower
(d) Onion
Answer: (b)

69. Which of the following triggers the mobilization of stored food in germinating seeds ?
(a) ABA
(b) GA
(c) Cytokinin
(d) Ethylene
Answer: (b)

70. Rashtriya Krishi VikasYojana (RKVY) was launched during which Five Year Plan (FYP) ?
(a) IX FYP
(b) X FYP
(c) XI FYP
(d) XII FYP
Answer: (c)

71. Flaming as an alternative weed control tool, controls weeds primarily by
    (a) Tissue desiccation
    (b) Cell membrane rupturing
    (c) Loss of membrane integrity
    (d) Coagulation of membrane proteins

    Answer: (b)

72. Which one of the following is an example of organic manure ?
    (a) Sodium nitrate
    (b) Urea
    (c) Ammonium sulphate
    (d) Ammonium chloride

    Answer: (b)

73. The Headquarter of the Food and Agriculture Organisation (FAO) is at
    (a) Rome, Italy
    (b) Colombo, Sri Lanka
    (c) Hyderabad, India
    (d) Manila, Phillippines

    Answer: (a)

74. Hydraulic conductivity of soils varies directly with
    (a) Capillary porosity
    (b) Non-capillary porosity
    (c) Total porosity
    (d) Water holding capacity

    Answer: (c)

75. Beetle is the insect belonging to order
    (a) Lepidoptera
    (b) Hemiptera
    (c) Thysanoptera
    (d) Coleoptera

    Answer: (d)

76. The Headquarter of which of the following organisation is situated at Geneva, Switzerland ?
    (a) WMO
    (b) IPRI
    (c) ICARDA
    (d) WARDA

    Answer: (a)

77. Which one of the following is an annual clover cultivated mostly in irrigated sub-tropical regions and used as fodder for cattle ?

(a) Egyptian clover
(b) Alsike clover
(c) White clover
(d) Crimson

Answer: (a)

78. Which element is deficient in milk ?

(a) Fe
(b) Mg
(c) Ca
(d) P

Answer: (a)

79. Pectin content can be measured by

(a) Drop test
(b) Alcohol test
(c) Sheet test
(d) Tetrazolium test

Answer: (b)

80. The method of irrigation employed in areas of ur ated topography is

(a) Flood irrigation
(b) Sprinkler irrigation
(c) Drip irrigation
(d) Sub-surface irrigation

Answer: (b)

81. Water Use Efficiency (WUE) is maximum in

(a) C3 plants
(b) C4 plants
(c) CAM plants
(d) None of these

Answer: (c)

82. Soils that are composed of 80 – 100% sand, 0 – 10% silt and 0 – 10% clay by volume, is generally known as

(a) Sandy soil
(b) Loam soil
(c) Clay soil
(d) Acidic soil

Answer: (a)

83. Manure-N efficiency is
    (a) Mineralised fraction of manure N
    (b) Proportion of available N for crop uptake
    (c) N fertiliser that can be replaced by manure N
    (d) Crop available N+part of mineralised N available to crop

    Answer: (d)

84. Milk vein in cows contains
    (a) Milk
    (b) Water
    (c) Blood
    (d) Milk and blood

    Answer: (c)

85. Scientific name of Red Hairy caterpillar is
    (a) Maruca vitrata
    (b) Agrilus ruficollis
    (c) Trogoderma granarium
    (d) Amsacta albistriga

    Answer: (d)

86. Stooling is an important vegetative propagation te ıique for
    (a) Mango
    (b) Pomegranate
    (c) Guava
    (d) Aonla

    Answer: (c)

87. The force of attraction of binding the molecules of the same kind is
    (a) Adhesion
    (b) Matric force
    (c) Cohesion
    (d) None of these

    Answer: (c)

88. Intracellular deposits of which element is known as plant opals
    (a) Sodium
    (b) Silicon
    (c) Nickel
    (d) Vanadium

    Answer: (b)

89. Nitrification is the biological oxidation of _____

(a) Ammonia to nitrate
(b) Ammonia to nitrogen
(c) Nitrogen to nitrate
(d) Nitrogen to ammonia

Answer: (a)

90. Which of the following is major scheme of Central Government towards enhancing oil seeds production ?

(a) ISOPOM
(b) TBOs
(c) NMOOP
(d) All the above

Answer: (d)

91. Which of these are considered as biologically essential trace elements ?

(a) Cu, Cr and Zn
(b) Cu, Cd and Zn
(c) Cu, Hg and Zn
(d) Cu, Pb and Hg

Answer: (a)

92. Which one of the following is the causal agent of own gall disease (formation of tumours) ?

(a) Agrobacterium rhizobacter
(b) Agrobacterium tumefaciens
(c) Bacillus thuringensis
(d) None of these

Answer: (b)

93. Which is the first State in India declared as fully organic State of India ?

(a) Gujarat
(b) Himachal Pradesh
(c) Mizoram
(d) Sikkim

Answer: (d)

94. Transgenic golden rice is enriched with

(a) Vitamin A
(b) Lysine
(c) Methionine
(d) Vitamin C

Answer: (a)

95. What is the unit of LD 50 ?
(a) Milligrams/gram of animal body weight
(b) Gram of animal body weight
(c) Kilogram/gram of animal body weight
(d) Milligram / kilogram of animal body weight
Answer: (d)

96. The upper limit of the soil moisture available for the plant growth is
(a) PWP (15 bars)
(b) Field capacity (1/3 bars)
(c) Hygroscopic co-efficient
(d) Matric suction
Answer: (b)

97. The role of phytosiderophores is
(a) Water retention
(b) Uptake of nutrients
(c) Control of pests
(d) All of these
Answer: (b)

98. TPS production technology is related to
(a) Potato
(b) Tomato
(c) Carrot
(d) Onion
Answer: (a)

99. Relative weeds are
(a) Plants of other crop
(b) Plants of same crop but different variety
(c) Seasonal weeds
(d) All of these
Answer: (a)

100. Which one of the following is not a 2:1 type of clay mineral ?
(a) Montmorillonite
(b) Kaolinite
(c) Spectite
(d) Ellite
Answer: (b)

101. Culling means
(a) A system of housing cattle
(b) A system of providing feed to cattle
(c) A system of removal of unproductive cattle
(d) A system of dehorning
Answer: (c)

102. Bordeaux mixture is composed of
(a) Copper sulphate, Sodium carbonate and Water
(b) Copper sulphate and Ammonium carbonate
(c) Copper sulphate, Lime stone and Water
(d) Copper sulphate only
Answer: (c)

103. Indian Institute of Agricultural Biotechnology is situated at
(a) Raipur, Chhattisgarh
(b) Malegaon, Maharashtra
(c) Ranchi, Jharkhand
(d) New Delhi
Answer: (c)

104. Which crop is known as amphidiploid ?
(a) Maize
(b) Rice
(c) Wheat
(d) Pea
Answer: (c)

105. Which of the following process is also known as “tear drops” ?
(a) Transpiration
(b) Guttation
(c) Evaporation
(d) Evapotranspiration
Answer: (b)

106. Chrysanthemum is propagated by
(a) Terminal cuttings and root suckers
(b) Seeds
(c) Suckers
(d) All of the above
Answer: (d)

107. $ZnSO_4$ should not be mixed any time with

(a) Urea
(b) DAP
(c) SSP
(d) All the above

Answer: (b)

108. An innovative programme of ICAR which is aimed at retaining rural youth in agriculture is

(a) Farmers FIRST
(b) Students READY
(c) Mera gaon,mera gaurav
(d) ARYA

Answer: (d)

109. Wheat leaf rust disease is a

(a) Bacterial disease
(b) Viral disease
(c) Fungal disease
(d) Phytoplasmal

Answer: (c)

110. Censer type weed seed dispersal mechanism is f ıd in

(a) Sorghum halepense
(b) Cirsium arvense
(c) Argemone mexicana
(d) Typha spp

Answer: (c)

111. A device for measuring percolation and leaching losses from a column of soil under controlled conditions is known as

(a) Infiltrometer
(b) Evaporimeter
(c) Psychrometer
(d) Lysimeter

Answer: (d)

112. TDN stands for

(a) Total Digestible Nutrients
(b) Total omega Diet Nutrients
(c) Total Dietary Nutrients
(d) Trans Dietary Nutrients

Answer: (a)

113. Which one of the following is a good source of potash ?
(a) Rock phosphate
(b) Basic slag
(c) Bone meal
(d) Fly ash
Answer: (d)

114. The droplets deposited on tips and margins of leaves of grasses in the morning hours are due to
(a) Dew from the air
(b) Oozing of leaf sap
(c) Water from guttation
(d) All of these
Answer: (c)

115. Banana is propagated by
(a) Veneer grafting
(b) Seeds
(c) Epicotyl grafting
(d) Tissue culture
Answer: (d)

116. Kent is an important variety of
(a) Berseem
(b) Lucern
(c) Soybean
(d) Oat
Answer: (d)

117. Which is not easy to adopt by small and marginal farmers in India ?
(a) Zero tillage
(b) Organic farming
(c) Precision farming
(d) Integrated farming
Answer: (c)

118. Which equipment deals with primary and secondary tillage both ?
(a) Desi plough
(b) Disc harrow
(c) Mould board plough
(d) Rotavator
Answer: (a)

119. A derivative of castor oil which is used as lubricant in jet aircrafts is

(a) Erucic acid
(b) Ricinolic acid
(c) Sebacic acid
(d) Arachidic acid

Answer: (b)

120. Amongst the exotic breeds of cattle, maximum milk is produced by

(a) Brown Swiss
(b) Ayreshire
(c) Jersey
(d) Holstein Friesian

Answer: (d)

121. Vermicompost is the product of the composting process using various species of

(a) Insects
(b) Earthworms
(c) Bacteria
(d) All of the above

Answer: (b)

122. A calibrated device for measuring the flow of wa ın open channel is

(a) V-notch
(b) Parshall flume
(c) Water meter
(d) None of these

Answer: (b)

123. Which of the component of seed quality is concerned with seed transmitted diseases ?

(a) Physiological
(b) Physical
(c) Sanitary
(d) Genetic

Answer: (c)

124. Boiling of fruits and vegetables for an extended period to remove unpleasant flavour such as tannins is known as

(a) Retting
(b) Blanching
(c) Pasteurizing
(d) Thrashing

Answer: (b)

125. Fat soluble Vitamins are

(a) Vitamin A, D and K

(b) Vitamin A and B

(c) Vitamin B and D

(d) Vitamin D only

Answer: (a)

Answer key

Answer key from the U.P. Secondary Education Services Selection Board's official answer key for this sitting. "—" means the key gave none.

Agriculture

1	**(a)**	2	**(c)**	3	**(d)**	4	**(c)**	5	**(c)**	6	**(a)**
7	**(c)**	8	**(a)**	9	**(d)**	10	**(b)**	11	**(d)**	12	**(c)**
13	**(c)**	14	**(a)**	15	**(a)**	16	**(b)**	17	**(c)**	18	**(b)**
19	**(d)**	20	**(b)**	21	**(c)**	22	**(a)**	23	**(c)**	24	**(b)**
25	**(b)**	26	**(b)**	27	**(d)**	28	**(b)**	29	**(c)**	30	**(a)**
31	**(a)**	32	**(a)**	33	**(c)**	34	**(d)**	35	**(b)**	36	**(a)**
37	**(d)**	38	**(b)**	39	**(a)**	40	**(a)**	41	**(a)**	42	**(b)**
43	**(a)**	44	**(a)**	45	**(d)**	46	**(b)**	47	**(a)**	48	—
49	**(d)**	50	**(b)**	51	**(b)**	52	**(b)**	53	**(d)**	54	**(c)**
55	**(c)**	56	**(c)**	57	**(d)**	58	**(a)**	59	**(b)**	60	**(d)**
61	**(b)**	62	**(c)**	63	**(a)**	64	—	65	**(a)**	66	**(c)**
67	**(c)**	68	**(b)**	69	**(b)**	70	**(c)**	71	**(b)**	72	**(b)**
73	**(a)**	74	**(c)**	75	**(d)**	76	**(a)**	77	**(a)**	78	**(a)**
79	**(b)**	80	**(b)**	81	**(c)**	82	**(a)**	83	**(d)**	84	**(c)**
85	**(d)**	86	**(c)**	87	**(c)**	88	**(b)**	89	**(a)**	90	**(d)**
91	**(a)**	92	**(b)**	93	**(d)**	94	**(a)**	95	**(d)**	96	**(b)**
97	**(b)**	98	**(a)**	99	**(a)**	100	**(b)**	101	**(c)**	102	**(c)**
103	**(c)**	104	**(c)**	105	**(b)**	106	**(d)**	107	**(b)**	108	**(d)**
109	**(c)**	110	**(c)**	111	**(d)**	112	**(a)**	113	**(d)**	114	**(c)**
115	**(d)**	116	**(d)**	117	**(c)**	118	**(a)**	119	**(b)**	120	**(d)**
121	**(b)**	122	**(b)**	123	**(c)**	124	**(b)**	12	**(a)**		