PREVIOUS YEAR PAPER

UP PGT 2016 — Physical Education (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-physical-education-series-a/

Physical Education

1. Match the following area with the event
Area
1) 44 ft × 20 ft
2) 100 yards × 70 yards
3) 100 yards × 60 yards
4) 78 ft × 36 ft
5) 18 m × 9m
Event
a) Field Hockey
b) Volleyball
c) Football
d) Tennis
e) Badminton

(a) 1 – e, 2 – a, 3 – b, 4 – d, 5 – c
(b) 1 – e, 2 – d, 3 – a, 4 – b, 5 – c
(c) 1 – e, 2 – c, 3 – a, 4 – d, 5 – b
(d) 1 – b, 2 – a, 3 – d, 4 – c, 5 – e

Answer: (c)

2. Biomechanics, which involves analysis of the action of forces, is legitimately the branch of

(a) mechanics
(b) physics
(c) movement science
(d) kinesiology

Answer: (b)

3. Three point area in Basketball is

(a) 6.80 meter
(b) 6.75 meter
(c) 6.50 meter
(d) 6.25 meter

Answer: (b)

4. The end product of all the research is
   (a) better procedures and more research
   (b) confirmation or rejection of hypothesis
   (c) a vivid understanding of the subject
   (d) a body of knowledge
   Answer: (d)

5. Most researchers consider experimental research method to be the most reliable, objective, precise and accurate method because its design demands
   (a) use of very sophisticated instruments
   (b) highly trained researchers to handle research procedures
   (c) "controlled observation" of the phenomena under investigation
   (d) quantification of data for easy statistical treatment
   Answer: (c)

6. Challenging research questions are selected only by those who
   (a) possess intellectual capacity
   (b) receive the best guidance
   (c) have resources at their command
   (d) can think ahead of times
   Answer: (a)

7. How many matches will be played, in a league tour nent, when teams are eight (8) ?
   (a) 26
   (b) 28
   (c) 30
   (d) 32
   Answer: (b)

8. Word "Kho" in the game "Kho-Kho" means
   (a) Go and chase
   (b) Jump
   (c) Run
   (d) Come and catch
   Answer: (a)

9. In Greek the word "Athlete" means
   (a) Money maker
   (b) A city state
   (c) Prize seeker
   (d) Race
   Answer: (a)

10. The number of feathers in a shuttle in Badminton is
    (a) 16 feathers
    (b) 10 feathers
    (c) 12 feathers
    (d) 14 feathers
    Answer: (a)

11. Class management depends upon
    (a) Availability of finance
    (b) Subject matter to be taught
    (c) Number of students in the class
    (d) Availability of equipments
    Answer: (b)

12. _____ is the main function of WBC.
    (a) Remove dead cells
    (b) Fight against infection
    (c) Transport substances
    (d) Increase blood circulation
    Answer: (b)

13. Young children are less prone to injury after bad fa[illegible]ecause
    (a) their muscles are all fat
    (b) nature has blessed them with falling technic[illegible]s
    (c) they are more natural in their moven[illegible].
    (d) their bones are pretty elastic
    Answer: (d)

14. Who among the Ancient Greek Philosophers regarded physical education as a powerful means of bringing moral perfection in the youth ?
    (a) Aristotle
    (b) Socrates
    (c) Plato
    (d) Aristophanes
    Answer: (c)

15. Baron Pierre de Coubertin-the Father of Modern Olympics belongs to
    (a) Denmark
    (b) France
    (c) Greece
    (d) Switzerland
    Answer: (b)

16. The best examples of hinge joints are
    (a) knee joints
    (b) elbow joints
    (c) finger joints
    (d) all the above
    Answer: (d)

17. If any part of the body has friction against anything, it results in
    (a) cut
    (b) burning sensation
    (c) bleeding
    (d) shock
    Answer: (b)

18. _____ class of drugs is used medicinally to relieve pain and anxiety.
    (a) Hallucinogens
    (b) Opiates
    (c) Barbiturates
    (d) Cocaine
    Answer: (b)

19. The relatively stable way a person thinks, feels an ehaves in all situations, is called
    (a) behaviour
    (b) character
    (c) person
    (d) personality
    Answer: (d)

20. What kind of tests do not require distinction to be made between boys and girls while working out norms ?
    (a) skill tests
    (b) fitness tests
    (c) athletic tests
    (d) knowledge tests
    Answer: (d)

21. In which of the following sports does agility play a prominent role ?
    (a) Gymnastics
    (b) Archery
    (c) Shooting
    (d) Weight-lifting
    Answer: (a)

22. Who conceived the Asiad Movement ?
    (a) Maharaja Yadavendra
    (b) Prof. G. D. Sondhi
    (c) M. C. Dhawan
    (d) Mrs. Prakash Dhawan
    Answer: (b)

23. Irrespective of its kind, an organization must invariably have some
    (a) function to perform
    (b) ideal to be proud of
    (c) social purpose
    (d) to educate
    Answer: (c)

24. Which of the following theories presents the social aspect of learning ?
    (a) Trial and error
    (b) Observation
    (c) Insight
    (d) Information processing
    Answer: (b)

25. Which age in usually detected through psycholog tests ?
    (a) Chronological age
    (b) Anatomical age
    (c) Mental age
    (d) Physiological age
    Answer: (c)

26. Which of the following are chemically known as lipids ?
    (a) fats
    (b) sugars
    (c) candies
    (d) amino acids
    Answer: (a)

27. Fats not only add to our taste but also protect our
    (a) hair
    (b) nails
    (c) eyes
    (d) skin
    Answer: (a)

28. A simple stretching programme is one of the best devices to
    (a) improve muscles strength
    (b) remain flexible as long as possible
    (c) improve neuro-muscular coordination
    (d) attain dynamic balance

    Answer: (b)

29. When muscular strength and joint flexibility are in balance
    (a) the sports person is on top of the world
    (b) your body posture stays upright
    (c) neuromuscular co-ordination is at its best
    (d) you can carry heavy load long distance

    Answer: (b)

30. According to the training experts, strength gains largely
    (a) speed training
    (b) dips and squats
    (c) isometric exercises
    (d) weight training

    Answer: (d)

31. Sigmund Freud is considered to be the father of
    (a) Theory of motivation
    (b) Theory of connectionism
    (c) Theory of psychoanalysis
    (d) Theory of parallelism

    Answer: (c)

32. Who among the following acts as a time keeper in a football match ?
    (a) referee
    (b) assistant referee
    (c) linesman
    (d) recorder

    Answer: (a)

33. When we draw a circle with the arm and wrist straight, the type of movement we perform is known as
    (a) rotation
    (b) circling
    (c) circumduction
    (d) perambulation

    Answer: (c)

34. J.C.R. test measures
    (a) Fundamental skill ability
    (b) General motor ability
    (c) Playing ability
    (d) Mental ability
    Answer: (b)

35. In your opinion which one is central to all research ?
    (a) instruments
    (b) procedures
    (c) questions
    (d) hypothesis
    Answer: (c)

36. When a researcher sets to examine beliefs, ideas, values, value systems, theories, etc. in a field of knowledge, he makes use of
    (a) observational research techniques
    (b) philosophical research technique
    (c) experimental research technique
    (d) descriptive research technique
    Answer: (b)

37. A characteristic or quality that changes from one object to another is referred as a
    (a) variable
    (b) measure
    (c) criterion
    (d) performance
    Answer: (a)

38. Which factor does not affect the objectivity of a test ?
    (a) Judgement criterion
    (b) Order of performer
    (c) Duration of test
    (d) Supervision of measuring procedure
    Answer: (c)

39. _____ style of Kabaddi is officially recognized.
    (a) Circle
    (b) National
    (c) Sanjeevani
    (d) Samvahini
    Answer: (c)

40. First National games was hosted in which city ?
    (a) Kolkata
    (b) Karnataka
    (c) New Delhi
    (d) Chennai
    Answer: (c)

41. Method of training for power or explosiveness is called as
    (a) Fartlek
    (b) Plyometrics
    (c) Strength training
    (d) Circuit training
    Answer: (b)

42. The period of growth and development from 11 to 14 years of age is known as
    (a) Adolescence
    (b) Childhood
    (c) Puberty
    (d) Youthhood
    Answer: (a)

43. Chronic injuries are treated with
    (a) Infrared rays
    (b) X-rays
    (c) Ultrasound
    (d) Ultraviolet rays
    Answer: (a)

44. The width of all lines marking a basketball court is
    (a) 2.5 cm
    (b) 5 cm
    (c) 7.5 cm
    (d) 10 cm
    Answer: (b)

45. Which one of the followings are rightly considered as leveller of inequalities among children ?
    (a) play fields
    (b) laboratories
    (c) temples
    (d) classrooms
    Answer: (a)

46. Rousseau is referred as the father of
    (a) Idealism
    (b) Realism
    (c) Naturalism
    (d) Pragmatism

    Answer: (c)

47. In the respiratory system exchange of gas takes place at
    (a) capillary
    (b) pulmonary
    (c) alveoli
    (d) none of the above

    Answer: (c)

48. Which of the followings are involved in injury of “sprains” ?
    (a) bones
    (b) tendons
    (c) ligaments
    (d) blood vessels

    Answer: (c)

49. The world’s most popular stimulant drug found in , coffee, cold drinks, diet pills, etc., is
    (a) caffeine
    (b) cocoa
    (c) coke
    (d) cocaine

    Answer: (a)

50. The school of psychology that is most closely associated with learning theory is the
    (a) Behaviourist school
    (b) Gestalt school
    (c) Cognitive school
    (d) Psychoanalytic school

    Answer: (a)

51. Objectivity of a test pertains primarily to be
    (a) honesty of the score recorders
    (b) uprightness and clarity of thought of the testers
    (c) clarity of the directions for administrating and scoring the test
    (d) unbiased administration

    Answer: (c)

52. When students are made to do zigzag running, their teacher's aim is to know how ?
    (a) strong they are
    (b) fast they run
    (c) agile they are
    (d) good they will be at jumping

    Answer: (c)

53. The French short service test in badminton peerports to measure ability to serve accurately
    (a) low
    (b) high
    (c) straight
    (d) along the net

    Answer: (a)

54. Any scientifically-principled management will ensure
    (a) equitable distribution of resources
    (b) planning on more or less, permanent basis
    (c) development of every one's potential and efficiency
    (d) prosperity of every individual in the organisation

    Answer: (c)

55. The types and standards of facilities required by a institution are in direct proportionate to its
    (a) needs and objectives
    (b) capacity to generate resources
    (c) planners vision and ideals
    (d) ability to serve society

    Answer: (a)

56. Compared to teaching methods, teaching techniques are more flexible and they differ from
    (a) teacher to teacher
    (b) activity to activity
    (c) situation to situation
    (d) session to session

    Answer: (a)

57. The food that we eat, yields energy in the form of
    (a) carbohydrates
    (b) thermal waves
    (c) heat units calories
    (d) nerve stimulations

    Answer: (c)

58. What is our approximate maximal carbohydrate storage per kilogram of body weight ?
(a) 15 gm
(b) 20 gm
(c) 25 gm
(d) 30 gm
Answer: (a)

59. As a general rule, children should not be trained for more than
(a) 10 – 16 hours a week
(b) 12 – 18 hours a week
(c) 16 – 22 hours a week
(d) 18 – 24 hours a week
Answer: (d)

60. Continual stress on the body and constant overload will result in
(a) exhaustion and injury
(b) muscular endurance
(c) increase in muscular strength
(d) hypertrophy of the muscle
Answer: (a)

61. Which one is body structural deformity “hunch ba ?
(a) Lodosis
(b) Scoliosis
(c) Knock-Knee
(d) Kyphosis
Answer: (d)

62. Which of the following components of motor fitness is least influenced by factors such as training ?
(a) speed
(b) cardiovascular efficiency
(c) muscular endurance
(d) muscular strength
Answer: (a)

63. In which of the following events the runners do not use starting blocks ?
(a) 400 m
(b) 100/110 m hurdles
(c) 800 m
(d) 200 m
Answer: (c)

64. The sagital plane divides the body
    (a) lengthwise
    (b) into upper and lower halves
    (c) limb-wise
    (d) into left and right sides

    Answer: (d)

65. In body mechanics, which of the following is labelled as the internal force ?
    (a) air pressure
    (b) gravitational pull
    (c) equilibrium
    (d) muscle force

    Answer: (d)

66. In all running and walking events there is a direct relationship between acceleration and
    (a) the body lean
    (b) the body angle
    (c) the longer stride
    (d) the stronger joints

    Answer: (b)

67. A descriptive study such as population survey, de bes and interprets
    (a) "what it is"
    (b) "what had been"
    (c) "what was"
    (d) "what is likely to be"

    Answer: (a)

68. Which of the following sources speaks of researcher's exceptional intellectual acumen ?
    (a) comprehensive literature research
    (b) search of professional indexes
    (c) study of professional periodicals
    (d) personal observation and curiosity

    Answer: (d)

69. There is no better tool than null hypothesis for testing
    (a) significance of differences in means
    (b) value of 'r'
    (c) reliability of the random sample
    (d) stability of the measures of variability

    Answer: (a)

70. _____ is associated with 'FINA'.
(a) Chess
(b) Swimming
(c) Billiards
(d) Volleyball
Answer: (b)

71. Weight Lifter "Karnam Malleshwari" belongs to which State ?
(a) Kerala
(b) Karnataka
(c) Andhra Pradesh
(d) Arunachal Pradesh
Answer: (c)

72. Bone "Zygomatic" is present in
(a) Vertebral column
(b) Upper extremities
(c) Skull
(d) Lower extremities
Answer: (c)

73. A treadmill is used for measuring
(a) Power
(b) Speed
(c) Force
(d) Work done in running
Answer: (d)

74. The Gland that secretes hormone is
(a) Pituitary
(b) Thyroid
(c) Pancreas
(d) All of the above
Answer: (d)

75. Among the following sports activities, name the one that can not be categorized as anaerobic.
(a) 50 m sprint
(b) Heavy repetitions of a squat or bench press
(c) Javelin Throw
(d) Moving up a hill
Answer: (d)

76. In Physical education the 'Interpretive and intellectual development of an individual underlines the ability to

(a) acquire a fund of knowledge and be mentally sharp
(b) adjust in the environment
(c) explain and interpret physical education as a subject
(d) think correctly and solve problems

Answer: (d)

77. Isometric muscle contraction is also called

(a) Iso-kinetic muscle contraction
(b) Dynamic muscle contraction
(c) Static muscle contraction
(d) None of the above

Answer: (c)

78. Muscle cell is also called as

(a) Fascicle
(b) endomysium
(c) epimysium
(d) muscle fibre

Answer: (d)

79. Newtons third law of motion is known as law of

(a) resultant force
(b) acceleration
(c) inertia
(d) reciprocal actions

Answer: (d)

80. Blood may be thought of as a tissue in which the intercellular substance is

(a) Thrombocytes
(b) plasma
(c) leukocytes
(d) fluid

Answer: (d)

81. What kind of practice of an athletic skill makes a person perfect in it ?

(a) constant practice
(b) long-time practice
(c) consistent practice
(d) correct and adequate practice

Answer: (d)

82. A test that requires a school children to cross closely spaced obstacles is called

(a) hurdle test

(b) obstacle test

(c) explosive power test

(d) agility test

Answer: (d)

83. The efficacy of Coopers '12-minute walk-and-run', test lies in its ability to assess the subjects

(a) endurance

(b) speed endurance

(c) strength

(d) speed

Answer: (a)

84. Pull-up (for boys) and Arm Hang (for girls) test items in AAPHER youth fitness test are basically meant to measure

(a) body strength as a whole

(b) arm strength and flexibility

(c) arm and shoulder strength

(d) leg and arm strength

Answer: (c)

85. The earliest term used for management was

(a) administration

(b) organisation

(c) coordination

(d) direction

Answer: (a)

86. While planning top-class facilities for physical education and sports, the physical educators must primarily

(a) depend upon their own experience and knowledge

(b) consult relevant literature on the subject

(c) seek help of the technocrats, administrators, architects and engineers

(d) take into confidence athletes and their trainers

Answer: (c)

87. What plays a pivotal role in the total teaching-learning process ?

(a) Facilities

(b) Teacher's personality

(c) School tag

(d) Curriculum and syllabus

Answer: (b)

88. Facility planning in a school or college shall be vested in the hands of
    (a) head of physical education department
    (b) head of the institution
    (c) a planning team representing all stakeholders
    (d) Departmental construction agency

    Answer: (c)

89. Who invented the laws of learning first ?
    (a) Pavlov
    (b) Hull
    (c) Thorndike
    (d) Kohlar

    Answer: (c)

90. The disease called conjunctivities is a disease of the
    (a) lungs
    (b) eye
    (c) spleen
    (d) trachea

    Answer: (b)

91. Which of the following is men's cultural heritage ?
    (a) Education
    (b) Love and effection
    (c) Respect of elders
    (d) Sports

    Answer: (d)

92. Which of the following are two major components of load ?
    (a) specificity and volume
    (b) intensity and volume
    (c) intensity and progression
    (d) continuity and recovery

    Answer: (b)

93. Fartlek which means "speed play" is a variation of
    (a) fast continuous (pace method)
    (b) interval method
    (c) acceleration runs
    (d) circuit training

    Answer: (a)

94. _____ is defined as combination of heart and muscle capacity to use oxygen for energy production.

(a) health
(b) aerobic capacity
(c) fitness
(d) longevity

Answer: (c)

95. Pronation is a joint movement in which

(a) the forearm is rotated so the palm is backward
(b) the forearm is rotated so the palm faces forward
(c) a body part such as the shoulder is raised
(d) a body part such as the shoulder is lowered

Answer: (a)

96. In shot put, the most important factor determining the highest speed is

(a) body weight
(b) total body force
(c) standing height
(d) body volume

Answer: (b)

97. In order to succeed in their endeavours, runners ect an optimum

(a) stride length
(b) stride frequency
(c) stride length and rate
(d) level of driving force

Answer: (c)

98. From the view point of research, which of the following disciplines requires multi-disciplinary approach ?

(a) Education
(b) Health
(c) Recreation
(d) Physical education and sports

Answer: (d)

99. Match the following A list with B.
'A'
1) Nutrition
2) Fat
3) Proteins
4) Health
5) Food
'B'
a) A basis for survival
b) The source of all body energy
c) Richest source of energy
d) Key to good health
e) Structural material of the body

(a) 1 – d, 2 – c, 3 – e, 4 – a, 5 – b

(b) 1 – e, 2 – d, 3 – b, 4 – c, 5 – a

(c) 1 – d, 2 – e, 3 – c, 4 – a, 5 – b

(d) 1 – c, 2 – b, 3 – a, 4 – d, 5 – e

Answer: (a)

100. When the Z value equals or exceeds 1.96 one may safely conclude that the difference between means is significant at

(a) .02 level

(b) .01 level

(c) .001 level

(d) .05 level

Answer: (d)

101. _____ is associated with "Scindia Gold Cup".

(a) Cricket

(b) Hockey

(c) Volleyball

(d) Football

Answer: (b)

102. First Indian women to swim across the English channel

(a) Arti Shah

(b) Shiny Wilson

(c) Bhanu Sachdeva

(d) P.T. Usha

Answer: (a)

103. Sports Authority of India was formed in the year

(a) 1984
(b) 1983
(c) 1985
(d) 1986

Answer: (a)

104. Skill acquisition is mainly dependent upon

(a) Co-ordination ability
(b) Muscular strength
(c) Speed
(d) Flexibility

Answer: (a)

105. Equipment used to measure units of work done by person is called as

(a) Galvanometer
(b) Ammeter
(c) Ergometer
(d) Manometer

Answer: (c)

106. Which of the following vitamins can be obtained n sun rays also ?

(a) B complex
(b) D
(c) K
(d) A

Answer: (b)

107. Which is not the characteristic of a good budget ?

(a) Flexible
(b) Balanced
(c) Approved
(d) Non-transparent

Answer: (d)

108. Virtually physical education is an active form of

(a) exercise
(b) aerobics
(c) recreation
(d) sports

Answer: (c)

109. The outer most layer of the heart is called
(a) Endo-cardium
(b) Myo-cardium
(c) Peri-cardium
(d) None
Answer: (c)

110. Bundle of muscle fibre is wrapped by
(a) perimysium
(b) endomysium
(c) epimysium
(d) none of the above
Answer: (a)

111. In all sprinting races, the most important factor is
(a) athlete's leg length
(b) heart size of the runner
(c) kind and quality of the muscle fibre
(d) leg power
Answer: (c)

112. In which of the following parts of the cardiovascu system is the velocity of blood is lowest ?
(a) veins
(b) capillaries
(c) arterioles
(d) arteries
Answer: (b)

113. The reasons of less interpersonal conflicts among players are
(a) goodwill
(b) effort
(c) skill
(d) all the three
Answer: (d)

114. A very simple method of measuring body strength generally included in tests of physical fitness is
(a) cricket ball throw for distance
(b) Harvard step test
(c) pull ups
(d) carrying specified load
Answer: (c)

115. The popular Harvard step test which can measure both aerobic and anaerobic capacity was initially designed for

(a) college women
(b) college men
(c) country youth
(d) top sport athletes

Answer: (b)

116. Which of the following areas in physical education and sports has got tremendous boost during recent decades ?

(a) Programme of activity
(b) Instructional process
(c) Organisation and administration
(d) Research and development

Answer: (d)

117. It is a bounden duty of every recognized national sports organization to

(a) employ coaches for training of athletes
(b) make efforts to raise the standard of the game
(c) give incentive and awards to players
(d) spread ideals and philosophy of the Olympic Movement

Answer: (d)

118. When were the Solid Gold Medals were last given in the Olympic ?

(a) 1908
(b) 1912
(c) 1920
(d) 1924

Answer: (b)

119. The primary focus of supervision must always be the

(a) learning situation
(b) equipment management
(c) competition programme
(d) maintenance of records

Answer: (a)

120. From the following, name the vitamin which is water soluble.

(a) Vitamin 'A'
(b) Vitamin 'B'
(c) Vitamin 'E'
(d) Vitamin 'K'

Answer: (b)

121. Obesity, which is increasingly prevailing in young people, invites disability, disease and

(a) deformity
(b) suffering
(c) pre-mature death
(d) ill-health

Answer: (c)

122. Which is essential for muscular development ?

(a) Extra genetic potential
(b) Extra exercise
(c) Extra rest and relaxation
(d) Extra nutrition

Answer: (b)

123. Which philosophy consider experience as the key of life and success ?

(a) Idealism
(b) Pragmatism
(c) Realism
(d) Existentialism

Answer: (b)

124. Name the fitness component that contains most [illegible]-motor abilities and is the expression of one's neuro-muscular efficiency.

(a) strength
(b) power
(c) coordination
(d) agility

Answer: (d)

125. Which of the following factors plays an important role in organising competitions in an area or country ?

(a) administrative convenience
(b) people's reference
(c) weather conditions
(d) availability of officials

Answer: (c)

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.

Physical Education

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