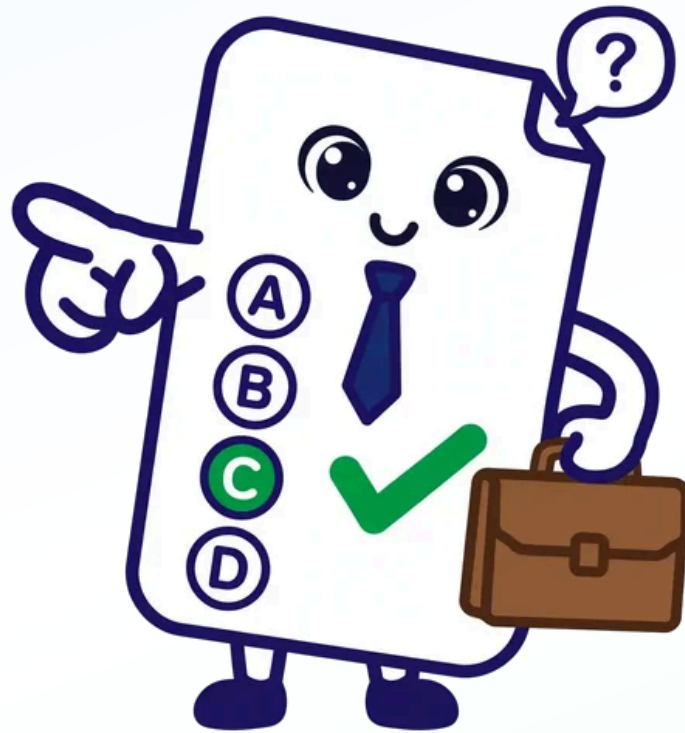




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- General Knowledge: 5 MCQs per paper
- Pakistan Studies: 4 MCQs per paper
- Pakistan Current Affairs: 3 MCQs per paper
- Islamic Studies: 2 MCQs per paper
- Computer Science and IT: 1 MCQs per paper
- Everyday Science: 5 MCQs per paper



MODEL PAPER 1 OF 1

Forest Ranger Test

100 MCQs · 120 minutes · answer key at the back



Forestry

75 MCQs

1. Carrying capacity is not a fixed factor of the land and will change as _____ with the seasons or over long periods so the process is dynamic as the populations are:

- ☐ A Food
- ☐ B Cover
- ☐ C Water change
- ☐ D All of the above

2. The transition zone between two different types of communities is called:

- ☐ A Biome
- ☐ B Ecotone
- ☐ C Biological spectrum
- ☐ D Biological clock

3. How many parts of bark?

- ☐ A Outer part - dead
- ☐ B Inner part - living (Cortex)
- ☐ C Both (a) & (b)
- ☐ D None of these

4. Additionally, there are attributes, which, theoretically, all agroforestry system possess are:

- ☐ A Productivity
- ☐ B Sustainability
- ☐ C Adoptability
- ☐ D All of the above

5. Reaction wood or abnormal wood are:

- ☐ A Compression wood (CW)
- ☐ B Tension wood (TW)
- ☐ C Both (a) & (b)
- ☐ D None of these

6. Forest legislation is:

- ☐ A Every reason to believe that the general attitude of the people to forests is one of indifference and antagonism.
- ☐ B Who live in or near the forests, as a rule, dislike the restrictions and regulations which are a part and parcel of the management
- ☐ C Both (a) & (b)
- ☐ D None of these

7. What are the helping factors of Watershed Management?

- ☐ A To cope with country's energy crises
- ☐ B Appropriate funds must be allocated
- ☐ C Alternatives must be provided to the local community
- ☐ D Evolve a long watershed policy for conserving the country's watershed
- ☐ E All of the above

8. The blue revolution refers to enhancement in the production of:

- ☐ A Fishes
- ☐ B Crabs
- ☐ C Birds
- ☐ D Mammals

9. Soil formed-after leaching and rich in Al and Fe is

- ☐ A Alluvial
- ☐ B Padsol
- ☐ C Laterite
- ☐ D None of these

10. For soil improvement and subsequent planting with species such as:

- ☐ A Eucalyptus camaldulensis
- ☐ B E. Microtheca
- ☐ C Acacia nilotica
- ☐ D Albizzias spp
- ☐ E All of the above

11. Socio-Economic includes:

- ☐ A Employment generation
- ☐ B Income generation - foreign exchange
- ☐ C Import substitution
- ☐ D Public education
- ☐ E All of the above

12. Advantages of sampling technique can be enumerated as:

- ☐ A Since the area of sampling units to be measured is small, greater care can be exercised in collection of data
- ☐ B Supervision can be improved
- ☐ C Fewer but better trained personnel will suffice
- ☐ D All of the above

13. The West Pakistan (Adaptation of Law) Ordinance ____.

- ☐ A 1958
- ☐ B 1959
- ☐ C 1960
- ☐ D 1961

14. Production in forest is a long time process:

- ☐ A It take tree considerable time to grow and become useful
- ☐ B Such period could be anywhere between few years and number of the time may not be that important for the intangible products as in case of tangible products like timber
- ☐ C Both (a) & (b)
- ☐ D None of these

15. The phenomenon of mimicry was first observed by:

- ☐ A Bates
- ☐ B Darwin
- ☐ C Lamarck
- ☐ D Darlington

16. In Pakistan Tarbela, Mangla and Warsak dams are the main:

- ☐ A Hydro-electric power plants
- ☐ B Nuclear power plants
- ☐ C Thermal power plants
- ☐ D Power plants

17. Shisham (Dalbergia sissoo) utilization of timber:

- ☐ A Furniture and cabinet making
- ☐ B House building floorings and general joinery and carpentry work
- ☐ C Cart and carriage, agricultural implements
- ☐ D All of the above

18. Norman Borlaug, the American agricultural scientist and plant pathologist developed the high yield strains that greatly increased crop yields. He laid the groundwork for the green revolution and was awarded the Nobel Prize for Peace in _____

- ☐ A 1970
- ☐ B 1972
- ☐ C 1974
- ☐ D 1976

19. Planning a forest inventory is / are based upon:

- ☐ A Time and funds available
- ☐ B Forest classification system
- ☐ C Maps
- ☐ D Quantity relationship
- ☐ E All of the above

20. The National Commission on Agriculture, held on _____

- ☐ A 1988
- ☐ B 1989
- ☐ C 1990
- ☐ D 1991

21. Measurement of discharge of water is depicted by:

- ☐ A $Q = AV$
- ☐ B $A =$ Cross Sectional Area
- ☐ C $V =$ Velocity of Water
- ☐ D All of the above

22. Rich in fauna and flora areas:

- ☐ A Northern mountainous areas embracing Himalayan, Korakoram and Hindu Kush ranges
- ☐ B In northern areas, Malakand, Hazara and Azad Kashmir are rich in fauna and flora
- ☐ C Both (a) & (b)
- ☐ D None of these

23. Mark the hyperparasite:

- ☐ A Thesium
- ☐ B Tape worm
- ☐ C Bacteria
- ☐ D Balanophora

24. Mechanical scarification is:

- ☐ A The purpose of mechanical scarification is to modify hard
- ☐ B Or impervious seed coats
- ☐ C Both (a) & (b)
- ☐ D None of these

25. The major factors that make today's 'land-use crisis' a global issue of greatest concern is:

- ☐ A The magnitude of the problem on terms of people and areas affected, which is unprecedented in history
- ☐ B The accelerating nature of the processes involved and the increasing irreversibility of their results
- ☐ C The lack of success (for socio-economic, cultural or ecological reasons) of most agriculture technologies from temperate regions to solve land-productivity problems over large areas of the topics
- ☐ D All of the above

26. The volume tables can be classified on the basis of the area of applicability or the information contained in them. Are the broad classes?

- ☐ A On the basis of area
- ☐ B On the basis of information contained in them
- ☐ C Both (a) & (b)
- ☐ D None of these

27. The NWFP Protection of Trees and Brushwood Act, ____.

- ☐ A 1948
- ☐ B 1949
- ☐ C 1950
- ☐ D 1951

28. Comprehensive management of forests include:

- ☐ A Accelerate harvesting of mature and over mature trees in the well stocked, unexploited forests
- ☐ B Manage all scrub forest as rangelands for maximum sustained production of forage and soil and watershed conservation
- ☐ C Classify according to site conditions and manage strictly on the basis of economic returns
- ☐ D All of the above

29. Lal Sohanra National Park located in:

- ☐ A Islamabad
- ☐ B Lahore
- ☐ C Bahawalpur
- ☐ D Chakwal

30. A fertile soil is likely to have a pH value of:

- ☐ A 3-4
- ☐ B 8-9
- ☐ C 6-7
- ☐ D 10-11

31. Eucalyptus tereticornis period of ripening of seeds is:

- ☐ A January - March
- ☐ B March - April
- ☐ C February - April
- ☐ D September - October

32. The most common method used for cultivation on hills:

- ☐ A Levelling
- ☐ B Ridge terracing
- ☐ C Bench terracing
- ☐ D Channel terracing

33. Soft and heart wood are include:

- ☐ A Which are derived from gymnosperms such as pines, evergreen, needle like leaves seeds in cones
- ☐ B Hardwoods are those derived from angiosperms such as oak, ash, poplar, with broad leaves seed enclosed bearing flowers
- ☐ C Wood responsible for sap conduction is termed as sap wood
- ☐ D As the wood increases in diameter, cells to the inside are block. This portion of wood is known as heart wood
- ☐ E All of the above

34. Punjab Forest (Sale of Timber) Act, _____

- ☐ A 1911
- ☐ B 1912
- ☐ C 1913
- ☐ D 1914

35. Major land forms Cholistan Desert ranges is / are :

- ☐ A Subrecent river plain
- ☐ B The first sandy terrace above the Hakra River (late pleistocene)
- ☐ C The second sandy terrace above the Kakra River plain (late pleistocene)
- ☐ D The third sandy terrace above the Hakra River plain (middle pleistocene)
- ☐ E All of the above

36. The necessary human resources could be developed through a combination of activities initiated with the objective of:

- ☐ A Improving data management
- ☐ B Monitoring and research to improve enforcement of legislation, both facilitative and regulatory
- ☐ C Implementing appropriate and multiple use strategies
- ☐ D All of the above

37. Which of the following is the smallest unit?

- ☐ A Biosphere
- ☐ B Ecosphere
- ☐ C Ecosystem
- ☐ D Biome

38. Suppressed trees (S) is:

- ☐ A Which reach only about half to 5/8th of the height of the best trees with their leading shoots definitely overtopped by their neighbours
- ☐ B At least shaded on all sides by the canopy
- ☐ C A small tree of height typical of suppressed trees standing with its leader free in a canopy gap should not be classed as D or D
- ☐ D All of the above

39. The fertility level of any soil is generally determined by:

- ☐ A Aeration and hydration
- ☐ B Humus and mineral contents
- ☐ C Humus, mineral and hydration level
- ☐ D All of these

40. Final yield is determined by:

- ☐ A Basal area
- ☐ B Stem timber
- ☐ C Total smallwood
- ☐ D Total stem timber and smallwood
- ☐ E All of the above

41. The forest policy, therefore, lays down that:

- ☐ A All watershed projects, being a common source denominator, would be planned and coordinated by the Federal Government but implemented through Provincial Forest Departments in their respective areas
- ☐ B Grazing in reforested areas would be controlled until the newly-raised plants are fully established
- ☐ C Both (a) & (b)
- ☐ D None of these

42. Production of constructional timber is:

- ☐ A The main enduses are all kinds of building construction wood containers and creates, cots and beds, mining timber
- ☐ B All sorts of carts, truck, bus and trolley bodies, bamboo carts, boards, railway carriages
- ☐ C Building construction and wood containers alone constitute about 50% of the consumption
- ☐ D All of the above

43. The major factors considered to be directly acting upon wildlife are:

- ☐ A Hazards, Diseases,
- ☐ B Predators, Genetics (species characteristics)
- ☐ C Resources, Human
- ☐ D All of the above

44. The primary consumers are described as:

- ☐ A Herbivores
- ☐ B Converters
- ☐ C Transducers
- ☐ D All of these

45. Irregular shelter, wood system means:

- ☐ A If canopy is opened out evenly in making regeneration felling
- ☐ B If the canopy is opened out by creating scattered gaps which are subsequently extended over the whole area
- ☐ C If the canopy is opened out gradually and irregularly with a long regeneration period, resulting in a more uneven aged forest
- ☐ D None of these

46. Tree planting on farmlands is:

- ☐ A Encourage large scale growing of trees on private farms by providing subsidized nursery stock and technical assistance
- ☐ B Encourage the private growing of industrial wood.
- ☐ C Promote growing of compact plantations on waterlogged, saline and other marginal private lands
- ☐ D All of the above

47. Increment determination by control method is / are:

- ☐ A In Swiss, forest are managed intensively under selection system
- ☐ B Each compartment is enumerated 100% at 5-6 years intervals
- ☐ C Records are kept by compartments of all mortality and all cut trees in interval between two successive counts
- ☐ D All of the above

48. Transboundary pollution is:

- ☐ A Transboundary pollution describes polluted air and water or any other contaminated waste that is generated in one country and transmitted to other
- ☐ B The most pervasive pollutant is sulphur dioxide a by-product of the burning of fossil fuels in power stations
- ☐ C Both (a) & (b)
- ☐ D None of these

49. Range improvement is classified as:

- ☐ A Plant introduction trials
- ☐ B Range reseeding
- ☐ C Both (a) & (b)
- ☐ D None of these

50. Chitral Gol National Park located in:

- ☐ A KPK
- ☐ B Punjab
- ☐ C Sindh
- ☐ D Balochistan

51. BOD of polluted water is increased by

- ☐ A Algae
- ☐ B Moss
- ☐ C Ferns
- ☐ D Distillated wastes

52. Reasons for fluting (buttressing) stem:

- ☐ A Such irregularity may be the result of epicormic branches
- ☐ B Also because of insect attack and genetical inheritance
- ☐ C Both (a) & (b)
- ☐ D None of these

53. A three year old plant of poplar and Tamarix gallica consumes ____ liters and ____ liters of water per day, respectively under optimum supply conditions:

- ☐ A 45,60
- ☐ B 50,70
- ☐ C 60,80
- ☐ D None of these

54. A yield table for any species gives the following information on per acre basis for different site qualities and at various ages of crops:

- ☐ A Age (5, 10, 15, 20 or 25 years)
- ☐ B Main crop
- ☐ C Thinning
- ☐ D Final yield
- ☐ E All of the above

55. Introduce new provincial legislation to need for:

- ☐ A Sustainability and biodiversity functions of forests
- ☐ B Safeguarding against over cutting public and private forest
- ☐ C Both (a) & (b)
- ☐ D None of these

56. Private investment in forestry means:

- ☐ A Encourage corporate forestry by providing easy credits, public land leasehold concessions and other facilities
- ☐ B Consider the possibility of issuing government bonds to attract private capital for funding big forestry projects
- ☐ C Both (a) & (b)
- ☐ D None of these

57. Cryopreservation of tissue is done at the following temperature:

- (A) -196
- (B) 126
- (C) 206
- (D) -96
- (E) None of these

58. The temperatures in the Sibi plain can reach _____ in summer and drop to 1 to 3

- (A) 45
- (B) 50
- (C) 55
- (D) None of these

59. Degree of crown density in a forest stand is:

- (A) Closed
- (B) Dense
- (C) Thin
- (D) Open
- (E) All of the above

60. Improvement techniques of arable lands are:

- (A) Mulch tillage
- (B) Contour cultivation
- (C) Tie Ridging
- (D) Sub-soiling
- (E) All of the above

61. Measurement of height there are many instruments, which can be used for this purpose; some of them are well suited to certain conditions and unsuited to others:

- (A) The transit
- (B) The Abney Level
- (C) The Forest Service Hypsometer
- (D) The Christen Hypsometer
- (E) All of the above

62. The Forest Act No. XVI of _____.

- (A) 1926
- (B) 1927
- (C) 1928
- (D) 1929

63. Introduction of small-scale rural uplift schemes approaches is / are:

- (A) Most of the projects implemented in the watersheds involving soil and water conservation measures
- (B) The major benefits are derived largely by the people living in the plains
- (C) Both (a) & (b)
- (D) None of these

64. The salient features of the strategy 1992 relating to wildlife, referred to here as BIODIVERSITY, are:

- (A) The strategy to improve the situation
- (B) Action Plan
- (C) Actions/Interventions
- (D) All of the above

65. If bamboo plant is growing in a far forest then what will be its trophic level?

- ☐ A First
- ☐ B Second
- ☐ C Third
- ☐ D Fourth

66. Asoka facts of tree is:

- ☐ A The sacred trees in India
- ☐ B The usually planted near temples, houses, and gardens
- ☐ C Both (a) & (b)
- ☐ D None of these

67. Windbreaks/shelterbelts cover:

- ☐ A Trees and / or shrubs can substantially improve the productivity of farmlands
- ☐ B They are exposed to strong winds
- ☐ C Both (a) & (b)
- ☐ D None of these

68. Local Volume Tables is / are:

- ☐ A Which are applicable to the more restricted range of dimensions occurring in a given coupe, compartment
- ☐ B Felling series and can be derived from the general volume tables
- ☐ C Both (a) & (b)
- ☐ D None of these

69. The North-West Frontier Province Wildlife (Protection, Preservation and Management) Ordinance, _____.

- ☐ A 1975
- ☐ B 1976
- ☐ C 1977
- ☐ D 1978

70. How to obtain the cut?

- ☐ A The degree of the cut will depend on the considerations of an early assured replacement of the forests
- ☐ B Creating necessary conditions for expected accrual of the increment in the least possible time from the growing stock left behind
- ☐ C Both (a) & (b)
- ☐ D None of these

71. The change is brought about by such individual and population factors is:

- ☐ A Birth rate
- ☐ B Morality
- ☐ C Immigration
- ☐ D Emigration
- ☐ E All of the above

72. According to Lindemann, the total solar input in terms of gcal/cm²/year is:

- (A) 112,887
- (B) 118,872
- (C) 181,872
- (D) 112,788

73. The ecosocial considerations are / are:

- (A) Influence of soil and moisture conditions
- (B) Influence of climate
- (C) Succession
- (D) All of the above

74. Rose (*Rosa indica*) is:

- (A) Rose is the most popular and most enchanting flower not only for its look or fragrance
- (B) Its various medicinal and commercial uses
- (C) Both (a) & (b)
- (D) None of these

75. What are the contents of yield tables in terms of main crop:

- (A) Average diameter
- (B) Average height
- (C) Total basal area
- (D) Number of trees
- (E) All of the above



English

5 MCQs

76. Identify the segment in the following sentence which contains the mistake that needs to be corrected. A common sense of failure is a mistaken ambition of the boys of the part of his parents.

- (A) Common
- (B) On
- (C) Of
- (D) His

77. Which one is auxiliary?

- (A) With
- (B) One
- (C) Do
- (D) For

78. Choose the sentence that is grammatically correct:

- (A) He weighed himself maunds.
- (B) He weighed two maunds.
- (C) He weighed themselves two.
- (D) He weighed itself two maunds.

79. She is as busy as a bee. Which poeti device has been used in this line?

- (A) Metaphor
- (B) Personification
- (C) Simile
- (D) Allusion

80. Tahira as well as her brother _ responsible for the loss and they must be made to make up for it:

- (A) is
- (B) are
- (C) were
- (D) have been



General Knowledge

5 MCQs

81. Which 1st Muslim Leader was selected as the president of the Indian National Congress in 1887?

- (A) Badruddin Tayabi
- (B) Ayub khan
- (C) Minhal tayab
- (D) Mirza hasan

82. BDU stands for _____?

- (A) Bomb Discharge Unit
- (B) Bomb Disconnect Unit
- (C) Bomb Deactivate Unit
- (D) Bomb Disposal Unit

83. Lake Ladoga is the largest lake by area in Europe which is _____?

- (A) 17,700 km²
- (B) 16,510 km²
- (C) 11,750 km²
- (D) None of these

84. Where is the headquarter of The International Table Tennis Federation (ITTF)?

- (A) Beijing
- (B) Tokyo
- (C) Lausanne
- (D) Singapore

85. Who of the following has won the Nobel Prize for Literature 2017?

- (A) Svetlana Alexievich
- (B) Mo Yan
- (C) Patrick Modiano
- (D) Kazuo Ishiguro



Pakistan Studies

4 MCQs

86. When did Pakistan operationalized Gwadar Port for Afghan transit trade?

- (A) 21 March 2010
- (B) 14 January 2020
- (C) 8 August 2015
- (D) 16 April 2013

87. Which river flows near Moenjodaro and Larkana?

- (A) Jhelum
- (B) Chenab
- (C) Indus
- (D) Ravi

88. In which constitution Bicameral Legislature was provided for the first time?

- (A) 1949
- (B) 1956
- (C) 1962
- (D) 1973

89. King George V, on December 12, 1911, at the occasion of his coronation at Delhi Darbar announced _____ ?

- (A) The annulment of the partition of Bengal
- (B) Separate electorate for Muslims
- (C) The annulment of the separate electorate for Muslims
- (D) The partition of Bengal



Pakistan Current Affairs

3 MCQs

90. _____ Province to Get Pakistan's First-Ever Sports City?

- (A) KPK
- (B) Punjab
- (C) Sindh
- (D) Balochistan

91. Who is the Current Chief Justice of Balochistan High Court?

- (A) Justice Amanullah Khan
- (B) Justice Naeem Akhtar Afghan
- (C) Justice Ghulam Mustafa Mengal
- (D) Justice Muhammad Hashim Kakar

92. Name of Wifaq ul Madaris Al Arabia Pakistan President who died recently?

- (A) Mufti Mahmood
- (B) Anwar ul Haqani
- (C) Abdur Razzaq Iskander
- (D) None of these



Islamic Studies

2 MCQs

93. Who was appointed as first Qazi by Hazrat Abubakar R.A?

- (A) Hazrat Ali R.A
- (B) Hazrat Umar R.A
- (C) Hazrat Usman R.A
- (D) Hazrat Bilal R.A

94. Hazrat Idrees (A.S) met with Holy Prophet (SAW) on the _____ heaven?

- (A) 1st
- (B) 2nd
- (C) 3rd
- (D) 4th
- (E) 7th



Computer Science and IT

1 MCQs

95. Internet differentiates one computer from another by:

- (A) Architecture
- (B) Manufacturer
- (C) IP address
- (D) Brand name



Everyday Science

5 MCQs

96. Approximate age of milky-way is _____?

- (A) 16.5 billion years
- (B) 15.5 billion years
- (C) 13.5 billion years
- (D) 14.5 billion years

97. Volcanoes are usually located on _____?

- (A) Divergent plate boundaries
- (B) Convergent plate boundaries
- (C) Hotspots
- (D) All of these

98. What happens to a person who receives the wrong type of blood?

- (A) All the arteries constrict
- (B) All the arteries dialates
- (C) The RBCs agglutinate
- (D) The spleen and lymphnodes deteriorate

99. An extremely small piece of silicon on which integrated circuits are implicated is called _____?

- (A) Card Reader
- (B) Hollerith Code
- (C) Feed
- (D) Chip

100. Boiling of an egg is a change which is _____?

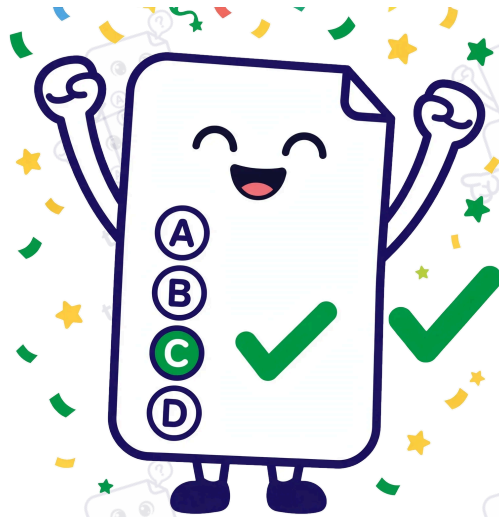
- (A) Physical
- (B) Chemical
- (C) Physiological
- (D) Morphological

Answer key

Tap any answer to open its full explanation on TestUstad.

Model Paper 1

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



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