

Question Paper and Answer Keys for the post of Planning Assistant

Written Recruitment Examination for filling up of the post of Planning Assistant in APWD was held on 18/02/2023 from 9.30 am to 11.30 am at Port Blair. The Question Paper and the Answer Keys of the written examination received from the agency engaged for conduct of examination is hereby published. The candidates may submit their claims & objections if any, through email to ceapwd.recruitment@gmail.com **on or before 6th March, 2023 at 5.00 pm.**

No claims & objections will be entertained beyond the date & time mentioned above.

Date of Examination : 18.02.2023

ANSWER KEY FOR PLANNING ASSISTANT

Q.No	Key	Q.No	Key	Q.No	Key	Q.No	Key
1	B	26	B	51	C	76	B
2	C	27	B	52	B	77	C
3	A	28	B	53	B	78	C
4	B	29	D	54	A	79	D
5	B	30	A	55	D	80	A
6	D	31	A	56	A	81	D
7	A	32	A	57	A	82	A
8	A	33	C	58	B	83	B
9	A	34	B	59	A	84	C
10	C	35	C	60	A	85	D
11	A	36	D	61	B	86	A
12	C	37	B	62	A	87	B
13	B	38	B	63	C	88	B
14	B	39	A	64	A	89	A
15	A	40	A	65	B	90	C
16	C	41	A	66	C	91	C
17	C	42	B	67	B	92	A
18	A	43	C	68	A	93	D
19	B	44	B	69	D	94	C
20	D	45	B	70	A	95	A
21	A	46	B	71	A	96	C
22	C	47	A	72	A	97	B
23	A	48	A	73	B	98	C
24	A	49	A	74	D	99	B
25	B	50	A	75	A	100	A

PLANNING ASSISTANT PAPER (SET-A)

01. When was the first census of India held?

- a. 1878
- b. 1872
- c. 1880
- d. 1882

02. What does NPR stand for?

- a. National Population Rate
- b. National Population Record
- c. National Population Register
- d. National Population Ratio

03. When was JNNURM launched?

- a. 2005
- b. 2003
- c. 2006
- d. 2004

04. What is the total budget provision for JNNURM?

- a. 40,000 crore
- b. 50,000 crore
- c. 70,000 crore
- d. 30,000 crore

05. As per National Building Code, the Minimum area of Habitable room is:

- a. 8.5 sq.m
- b. 9.5 sq.m
- c. 10.5 sq.m
- d. 13.5 sq.m

06. Occupancy rate refers to

- a. Number of Buildings per unit area
- b. Number of persons per habitable town
- c. Number of Habitable rooms per acre
- d. Number of persons working in an office

07. Why was Urban Land Ceiling and Regulation Act Passed?

- a. to prevent concentration of land holdings in urban area
- b. to prevent concentration of land holdings in rural area
- c. to create more land for government buildings
- d. For industrial development in peripheral areas

08. What does "gentrification" refer to

- a. Migration of Fresh Population in a crowded urban area
- b. Settling of population in a new urban area
- c. Settling of Military forces in an urban area
- d. Evacuation of People from a rural area

09. IRDP in India is associated with:

- a. Rural Development
- b. Road Development
- c. Regional Development
- d. Riverfront Development

10. When was the Delhi Development Act enacted?

- a. 1954
- b. 1958
- c. 1957
- d. 1959

11. The first Building Co-operative society of India:

- a. Bangalore Building Co-operative Society
- b. Bombay Building Co-operative Society
- c. Chennai Building Co-operative Society
- d. Kolkata Building Co-operative Society

12. Which of the following is not included in the UDPFI guidelines for urban development?

- a. Perspective Plans
- b. Development Plans
- c. City Development Plans
- d. Annual Plans

13. What is a census household?

- a. people living together and sharing different kitchen
- b. people living together and sharing same kitchen
- c. people living in a neighborhood
- d. people living in a housing society

14. The permissible EWS housing % in a group housing as per MPD 2021 is

- a. 10%
- b. 15%
- c. 20%
- d. 35%

15. The floor area ratio is given by:

- a. Floor area/plot area *100
- b. Floor area/100 *plot area
- c. Floor area/no. of floors *100
- d. Floor area * 100

16. Residential Accommodation for one household as part of group housing is:

- a. Hostel
- b. Farmhouse
- c. Residential Flat
- d. Hotel

17. The maximum ground coverage for a residential plot group housing is as per MPD 2021

- a. 33. 1%
- b. 33. 2%
- c. 33. 3%
- d. 33. 4%

18. If the plot size is 60 sq. m what should be the minimum setback (MPD 2021)

- a. 0m
- b. 1m
- c. 3m
- d. 4m

19. No. of fuel station to be provided in the residential use zone

- a. One
- b. Two
- c. Three
- d. Four

20. No. of dwelling units in any given area:

- a. Employment Density
- b. Weighted Density
- c. Gross Density
- d. Residential Density

21. The goal of NUHHP, 2007 is

- a. Affordable Housing for all
- b. Housing for Scheduled Caste
- c. Housing for Urban Poor
- d. Housing for Rural Poor

22. What is the major function of HUDCO?

- a. To finance for construction of bridges
- b. To finance for construction of houses
- c. To finance for construction of roads
- d. To finance for construction of railways

23. Household which don't live in census house:

- a. Houseless Household
- b. Street Dwellers
- c. Institutional Household
- d. Night Shelter Dwellers

24. What do you understand by J.J. Colony?

- a. Slum Housing
- b. Plotted Housing
- c. Co-operative housing
- d. Bungalow

25. The scale of the plan of the building for a plot measuring upto 250 sq.meters is:

- a. 1: 100
- b. 1: 50
- c. 1: 250
- d. 1: 150

26. For calculation of density, the dwelling unit shall be considered to accommodate:

- a. 4 persons
- b. 4.5 persons
- c. 5 persons
- d. 5.5 persons

27. Any building which requires conservation or preservation for historical purpose:

- a. School Building
- b. Heritage Building
- c. Office Building
- d. Hotel Building

28. The maximum ground coverage for a district center:

- a. 20%
- b. 25%
- c. 30%
- d. 35%

29. NBC stands for:

- a. Nation Building council
- b. Nation Building Code
- c. National Building Council
- d. National Building Code

30. The following is a sub mission of JNNURM:

- a. BSUP
- b. IAY
- c. RAY
- d. UIDSSMT

31. Daudaka form of settlement layout is basically a

- a. Grid Iron Pattern
- b. Ring Radial Pattern
- c. Radial Pattern
- d. Informal Pattern

32. Who gave the Garden City Concept?

- a. E. Howard
- b. I. Leonidov
- c. N. Miltuyin
- d. N. Ladvosky

33. The Concept of Greek town Planning Emphasized on

- a. large size
- b. More open space
- c. Human Scale
- d. Compact Development

34. Katras: Shahjahanabad:: _____ : Pune

- a. Poles
- b. Peths
- c. Para
- d. Havelis

35. The Palace of Versailles was initially conceived as:

- a. Hotel
- b. Arbour
- c. Hunting Lodge
- d. Memorial

36. Islamabad is based on the theory of

- a. Megapolis
- b. Garden City
- c. Linear City
- d. Dynapolis

37. Varanasi is located between which two rivers:

- a. Ganga and Yamuna
- b. Varuna and Assi
- c. Damodar and Bhairavi
- d. SubaranaRekha and Rudramati

38. Multi-layered approach to land suitability analysis was first proposed by:

- a. Edwin Lutyens
- b. Ian McHarg

c. Le Corbusier

d. Patrick Geddes

39. The chief planner of the city of Jaipur was:

a. Vidyadhar Bhattacharya

b. Jai Singh

c. Man Singh

d. Aryabhata

40. The city of Washington D.C. was designed by:

a. L' Enfant

b. Thomas Brook

c. John Nash

d. Frederick Law Olmsted

41. Who emphasized that the city is the result of organic relationship between people & living spaces:

a. Lewis Mumford

b. Patrick Geddes

c. Ebenezer Howard

d. Ian Mcharg

42. The Renaissance city of "Palmanova" was designed by:

a. John Nash

b. Vincenzo Scamozzi

c. Louis Parani

d. Guilio Savorgn

43. Roads in Miltetus were kept straight:

a. To avoid getting lost

b. To divide the town into equal areas

c. To channelize wind to carry dust away

d. Rainwater Harvesting

44. Ancient Hindu scripture dealing with town planning:

a. Arthashastra

b. Vastushastra

c. Nagarpatrika

d. Upanishads

45. The "Father of City Planning in the West":

- a. Aristotle
- c. Plato

- b. Hippodamus
- d. Constantine

46. "Mahajanapadas" is a term equivalent to:

- a. Sector
- c. Central Business District

- b. Metropolis
- d. Wholesale market

47. London Docklands Development Corporation was setup to:

- a. Acquire & develop derelict docklands
- c. To enhance the visual quality of the docklands

- b. To development dockland facilities
- d. To promote docklands in suitable areas

48. Noerdlingen & Carcassone are examples of towns of which period?

- a. Medieval
- c. Modern

- b. Renaissance
- d. Industrial

49. Shape of Holland city:

- a. Star
- c. Circle

- b. Crescent
- d. Linear

50. City status in England & Wales was associated with the presence of:

- a. Cathedral
- c. River

- b. Fort
- d. Palace

51. City of Versailles, France, New Delhi, India & Tel-El-Amarna, Egypt has in common:

- a. All were colonial trading towns
- c. All have symmetry along a central axis

- b. All had a radial pattern of roads
- d. All are capital cities

52. 'Souk' is a typical area of middle-eastern towns, it is a:

- a. Huge public park
- b. Market place
- c. Port
- d. Mosque

53. The city that was called the "Round City" due to its design (a circle of 2km radius)

- a. Mysore
- b. Baghdad
- b. Lahore
- d. Kuwait

54. Privacy was ensured in the houses of Islamic towns by prohibiting:

- a. Windows of adjacent building to open in other's courtyard
- b. Massive walls around houses
- c. Least number of windows
- d. No interaction with neighbours

55. The city built along canals

- a. Pompeii
- b. Taipei
- c. Jodhpur
- d. Venice

56. The city of Um-Ei-Jimal (in Jordan) is an example of:

- a. City level rainwater harvesting in antiquity
- b. Ancient corridor development
- c. Port city
- d. Trade centre

57. Padmaka is a town layout which has a shape of:

- a. A circle
- b. A rectangle
- c. Ellipse
- d. Leaf

58. The Queen of Mediterranean Route

- a. Venice
- b. Carthage
- c. Babylon
- d. London

59. City made of six islands:

- a. Venice
- b. Rome
- c. Athens
- d. Stuttgart

60. The New Delhi was planned by:

- a. Lutyens
- b. Corbusier
- c. Geddes
- d. E. Howard

61. The impact of industrial revolution was first felt in:

- a. Paris
- b. Great Britain
- c. America
- d. Vienna

62. Philadelphia was planned by:

- a. William Penn
- b. L'Enfant
- c. Joseph Mangin
- d. Geddes

63. Pyramids in rain forest:

- a. Egyptian Civilization
- b. Inca Civilization
- c. Mayan Civilization
- d. Aztec Civilization

64. The Pink City:

- a. Jaipur
- b. Jodhpur
- c. Ajmer
- d. Pushkar

65. In which present country Mohenjodaro was found:

- a. India
- b. Pakistan
- c. Nepal
- d. Bangladesh

66. City with grid iron pattern and rotary intersection:

- a. Delhi
- b. Bangalore
- c. Chandigarh
- d. Kolkata

67. The concept of 7 V was given by:

- a. Lutyens
- b. Corbusier
- c. Geddes
- d. Howard

68. "The culture of cities" was written by:

- a. Lewis Mumford
- b. Patrick Geddes
- c. Clarence Stein
- d. Le Corbusier

69. The purpose of Garden City was to sustain:

- a. health
- b. Environment
- c. economy
- d. All of them

70. Miletus is an example of:

- a. Greek Civilization
- b. Roman Civilization
- c. Egyptian Civilization
- d. Mesopotamian Civilization

71. Compact cities promote

- a. High residential density with mixed land uses.
- b. Low residential density with mixed land uses.
- c. High residential density with industrial land uses

d. Low residential density with industrial land uses

72. The concept of the neighborhood unit was given by

- a. Italo Calvino
- b. Clarence Perry
- c. Ebenezer Howard
- d. Peter Hall

73. Satellite cities are

- a. Cities that can be located through satellites
- b. Cities that look like satellites.
- c. Cities having nucleated non-agricultural settlements.
- d. Cities near a large metropolis.

74. Modern city planning emerged due to

- a. Industrial revolution
- b. Plague
- c. Migration
- d. Food crisis

75. The father of Park Movement was

- a. Ebenezer Howard
- b. Frederick Law Olmstead
- c. Benjamin Ward Richardson
- d. Reverend Horace Bushnell

76. Which one of these are the 'three magnets'

- a. Town, Suburb, Town – Suburb
- b. Community, Town, Community – Town
- c. Town, Country, Town – Country
- d. Community, Suburb, Community – Suburb

77. The concept of the "master plan" was given by

- a. Lewis Mumford
- b. Peter Hall
- c. Edward Bassett
- d. Daniel Burnham

78. Frank Lloyd Wright proposed the layout of

- a. Linear city
- b. Sheet city
- c. Satellite city
- d. Broadacre city

79. World's first known urban sanitation systems were used by

- a. Indus Valley Civilization
- b. Roman civilization
- c. Mayan civilization
- d. Early European Civilization

80. Zipf's theory on settlement is known as

- a. Central place theory
- b. Concentric zone theory

- c. Sector theory
d. Rank size rule

81. According to marketing principle by Christaller, the K value is

- a. Seven
b. Four
c. Three
d. One

82. According to transport principle by Christaller, the K value is

- a. Seven
b. Four
c. Three
d. One

83. According to administrative principle by Christaller, the K value is

- a. One
b. Three
c. Four
d. Seven

84. A central place is

- a. A settlement or a market center supplying a hinterland with goods and services.
b. A settlement with dominance over its surroundings.
c. A settlement with a high population.
d. A centrally located settlement.

85. 'Threshold' refers to

- a. The maximum population that is required to bring about the provision of certain good or services
b. The minimum population that is required to bring about the provision of certain good or services
c. The optimum population that is required to bring about the provision of certain good or services
d. The average population that is required to bring about the provision of certain good or services

86. The area under influence of the central place is called

- a. Zone of influence
b. Sphere of influence
c. Field of influence
d. Layer of influence

87. The Counter-magnet towns are identified for which metropolitan city

- a. Delhi
b. Chennai
c. Mumbai
d. Bangalore

88. When a settlement has a few isolated huts it is called

- a. Scattered settlement
- b. Compact settlement
- c. Dispersed settlement
- d. Nucleated settlement

89. A megacity is an area having excess population.

- a. 1 million
- b. 5 million
- c. 10 million
- d. 50 million

90. Which one is not a characteristic of Rural – Urban fringe area

- a. An area of transition from agricultural and other rural land uses to urban use
- b. An area located well within the urban sphere of influence.
- c. An area with wide variety of land use including dormitory settlements
- d. All the above

91. Arrange the following group of cities in the sequence of their ranks i.e. 1, 2, 3 and 4 in size?

- a. Greater Mumbai, Bangalore, Kolkata, Chennai
- b. Delhi, Greater Mumbai, Chennai, Kolkata
- c. Greater Mumbai, Kolkata, Delhi, Chennai
- d. Kolkata, Greater Mumbai, Chennai, Delhi

92. If one ranks the population size of cities in a country and calculates the natural logarithm of the rank and of the city population, what pattern would the resulting graph show?

- a. Log-linear.
- b. Traffic log.
- c. Pseudorandom.
- d. Deviation.

93. If there are two cities of almost equal size within the same country then it is called

- a. Primary distribution.
- b. Similar distribution.
- c. Uniform distribution.
- d. Binary distribution.

94. Which pair of cities amongst these follow the Rank-six-rule?

- a. Spain – Barcelona.
- b. Delhi – Mumbai.
- c. Bangkok – Nakhon.
- d. New York – Chicago.

95. The government body for district level planning at the district is

- a. District planning committee
- b. District planning council
- c. Town planning committee
- d. Town planning council

96. No. of districts in India according to Census 2011

- a. 440
- b. 540
- c. 640
- d. 740

97. The major component of District planning is

- a. Industrial development
- b. Rural development
- c. City development
- d. Economic development

98. The practice of purchasing land with intent to hold on to until a time as it is profitable to sell it on to others is known as-

- a. Land holding.
- b. Land breeding.
- c. Land banking.
- d. Land packing.

99. The term used for a planned readjustment and rearrangement of land parcels and their ownership is called-

- a. Hybridization of land.
- b. Consolidation of land.
- c. Acquisition of land.
- d. Conveyancing of land.

100. FSI and Land utilization is related as

- a. Increase in F. S. I. decreases consumption of land.
- b. Decrease in F. S. I. decreases consumption of land.
- c. F. S. I. has nothing to do with land consumption.
- d. Increase in F. S. I. increases consumption of land.