

**Question Paper and Final 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 Final Answer Keys of the written examination received from the agency engaged for conduct of examination based on the claims & objections is hereby published.

**FINAL ANSWER KEY FOR THE POST OF PLANNING ASSISTANT**

**SET-A**

Q.No	Correct Option	Q.No	Correct Option	Q.No	Correct Option	Q.No	Correct Option
1	B	26	B	51	C	76	C
2	C	27	B	52	B	77	C
3	A	28	B	53	B	78	D
4	B	29	D	54	A	79	A
5	B	30	A	55	D	80	D
6	D	31	A	56	A	81	C
7	A	32	A	57	A	82	B
8	A	33	C	58	B	83	D
9	A	34	B	59	A	84	A
10	C	35	C	60	A	85	D
11	A	36	D	61	B	86	A
12	C	37	B	62	A	87	A
13	B	38	B	63	C	88	C
14	B	39	A	64	A	89	C
15	A	40	A	65	B	90	-
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	B	47	A	72	B	97	B
23	A	48	A	73	D	98	C
24	A	49	A	74	A	99	B
25	B	50	A	75	A	100	A

**Note: Q. No. 90 is treated as Null & Void due to Error in the Question/Option, hence evaluation of OMR is done out of 99 Questions**

**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 develop 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.