QUESTION BOOKLET AND ANSWER KEY

FOR RECRUITMENT TEST OF

Assistant Town Planner

HELD ON 21.4.2013

1H s[H̄Awbk;lvkôpdjńfbfynKftZ7Aehj3BL

(A) ftôôD (B) fefonk (C) gVBK (D) BK

2H jńfbfynKftZ7AejVkôpdôXjℓ

(A) gVKIh (B) gYkJh (C) gVkJh (D) gVkjJh

3H QKdkdXjokweoBKdkehnoEjℓ

(A) blvbkjDk (B) ew÷bjDk (C) BbKJejDk (D) ublejDk

4H ÒKwKôôpdkftoXhôpdjℓ

(A) nlb;h (B) TXk (C) pjɭgﬁZ (D) rXk

5H ÒℓV/pkrKd/rlbVǪgN̈lohehjℓ

(A) wɭlÏlok (B) tleKô (C) BK (D) nykD

6. Choose the part of the following sentence that has an error:-

I should	have liked	to have	gone.
A	B	C	D

7. Choose the part of the following sentence that has an error:-

We discussed	about	the matter	yesterday.
A	B	C	D

8. Choose the part of the following sentence that has an error:-

He sailed	for New York on Monday,	arriving	there on Sunday.
A	B	C	D

9. Choose the correct meaning of the following idiom:-
    To stick to one's colours
    A) to refuse to yield. B) to be faithful to someone
    C) to be docile D) to be arrogant

10. Choose the correct meaning of the following idiom:-
    to take something with a pinch of salt.
    A) to doubt B) to trust someone
    C) to betray someone/something D) to exaggerate something.

11. Maharaja Ranjit Singh captured the Koh-i-noor diamond in year 1813 from which Afgan Ruler?
    A) Shah Saluja B) Shah Mohd. C) Mohd. Raziq D) Wazir Khan

12. First Rural Age Care Centre which is funded by Japanese Embassy is located at which of the following places?
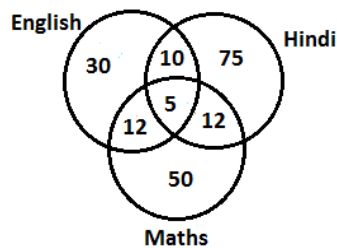   A) Sunam B) Mansa C) Patiala D) Patran

13. Sarhind Canal is divided into 4 further rivers from which of the following places?
    A) Harike B) Makhu C) Doraha D) Bathinda

14. Where is biggest Railway junction of Punjab?
A) Bathinda   B) Rajpura   C) Ludhiana   D) Amritsar

15. Punjab Government has signed MoU with NGO which is working for cancer awareness, name of the NGO is
A) Umeed   B) Roko Cancer Trust   C) PUCL   D) NACO

16. 'Boston Tea Party' is associated with the
A) French Revolution   B) Russian Revolution
C) American Independence   D) Independence of Egypt

17. The colour combination of the UN Flag is
A) red-blue   B) blue-white   C) white-green   D) only white

18. Which discipline was added to original five disciplines of Nobel Prize awards?
A) medicine   B) peace   C) literature   D) economics

19. The microscope is used to study
A) distant objects   B) near objects   C) small objects   D)small and near objects

20. Fish plates are used in railway tracks
A) to avoid tracks being distorted due to temperature fluctuation
B) to control speed of the train
C) to connect two rails
D) to keep the rails equidistant

21. The gas used to extinguish fire is
A) neon   B) nitrogen   C) carbon dioxide   D) carbon monoxide

22. Which of the following creatures has no blood but respire?
A) cockroach   B) earthworm   C) fish   D) hydra

23. Night blindness is caused by lack of which vitamin?
A) Vitamin A   B) Vitamin B   C) Vitamin C   D) Vitamin D

24. At which place did Gautam Budha deliver his first lecture?
A) Lumbini   B) Sarnath   C) Bodh Gaya   D) Vaishali

25. The saffron colour in the National Flag signifies
A) truth and peace   B) courage and sacrifice   C) faith and chivalry   D) prosperity

26. Which among the following is not a navigable river in India?
A) Brahmaputra   B) Godavari   C) Chenab   D) Narmada

27. SEBI stands for
A) State Earning Board of India   B) State Exchange Bank of India
C) Securities and Exchange Board of India   D)Securities and Exchange Bank of India

28. The pilotless target aircraft, fabricated at Aeronautical Development Establishment, Banglore is
A) Lakshya   B) Cheetah   C) Nishant   D) Arjun

29. Who was the first Prime Minister of India who did not face the Parliament during his tenure?
A) Morarji Desai   B) Gulzari Lal Nanda C) Charan Singh   D)Lal Bahadur Shastri

30. India has recently launched the project called 'water for crops-India' with the help of which of the following?
A) Australia   B) USA   C) European Union   D) France

31. India got 46 medals in 2013 Special Olympics World Winter Games, which were held at ____?
A) Athens, Greece   B) Pyeong Chang, South Korea
C) Los Angeles, California, USA   D) Boise, Idaho, USA

32. Interest on Saving Bank Account is now calculated by banks on
A) minimum balance during the month
B) minimum balance from 7th to last day of the month
C) minimum balance from 10th to last day of the month
D) daily product basis

33. Union Government constituted the 14th Finance Commission. Who is the head?
A) Dr. Vijay Kelkar   B) Yaga Venugopal Reddy
C) A.M. Khusro   D)C. Rangarajan

34. Name the international cricket team with which India lost the series by 1-2 after it won the last match by 10 runs on 6th January 2013.
A) England   B) Australia   C) Pakistan   D) South Africa

35. Who is the author of the book 'A view from outside'?
A) Manmohan Singh   B) A.P.J. Abdul Kalam
C) P. Chidambaram   D) Pranab Mukherjee

36. On the basis of relation between first pair, fill in the blanks
Influenza : Virus :: Typhoid : ?
A) Bacillus   B) Parasite   C) Protozoa   D) Bacteria

37. Find the differently related pair among the following:
(i)See : Eye (ii)Hear : Ears   (iii)Smell : Nose (iv)Touch : Skin   (v)Tongue : Taste
A) (i)   B) (iii)   C) (v)   D) (iv)

38. If in a certain code LUTE is written as MUTE and FATE is written as GATE, then how will BLUE be written in that code
A) CLUE   B) GLUE   C) FLUE   D) SLUE

39. If 'PxQ' means 'P is daughter of Q'; 'P+Q' means 'P is father of Q'; 'P÷Q' means 'P is mother of Q' and 'P-Q' means 'P is brother of Q', then in A÷B+C-ExF, how is A related to F?
A) mother   B) mother-in-law   C) sister   D) daughter-in-law

40. Six students A, B, C, D, E and F are sitting in the field. A and B are from Delhi while the rest are from Banglore, D and F are tall while others are short. A, C and D are girls while other are boys. Which is the tall girl from Banglore?
A) C   B) D   C) E   D) F

41. Kunal walks 10 km. towards North, then he walks 6 km. towards South. Then he walks 3 km. towards East. How far and in which direction is he with reference to his starting point?
A) 5 km. West   B) 5 km. North-East   C) 7 km. East   D) 7 km.West

42. P, Q, R, S, T, U, V, W are sitting around a round table in the same order for group discussion at equal distances. Their positions are clockwise. If V sits in the north, then what will be position of S?
A) East   B)West   C) South   D) South-East

43. Each of the vowels in the word 'MAGNIFY' is replaced by a number '2' and each consonant is replaced by a number which is the serial number of that consonant in the word i.e. M by 1, G by 3 and so on. What is the total of all numbers once the replacement is completed?
A) 22   B) 24   C) 25   D) 26

44. On the basis of following arrangement, answer the question
W I R % 4 J E # 7 M T 2 I 9 B H 3 A $ 9 F Q 5 D G 6 U S P
If the order of last fifteen elements is reversed, which of the following will be fifth in the right of twelfth from the left end?
A) U   B) $ C) 3   D) 6

45. In a row of boys, Jeevan is 7th from the start and 11th from the end. In another row of boys, Vikas is 10th from the start and 12th from the end. How many boys are there in both the rows together?
A) 36   B) 38   C) 37   D) 39

46. 500 students appeared in an examination comprising tests in English, Hindi and Maths. The Figure shows number of students who failed in different subjects. What is the percentage of students who failed in atleast 2 subjects?

English   Hindi
30   10   75
5
12   12
50
Maths

A) 0.078%   B) 1.0%   C) 6.8%   D) 7.8%

47. Replace the sign of interrogation from given alternatives

3	8	10	2	?	1
6	56	90	2	20	0

A) 0   B) 3   C) 5   D) 7

48. Thirty six vehicles are parked in a single row. After first car there is one scooter. After the second car, there are two scooters. After the 3rd car there are 3 scooters and so on. Find the number of scooters in second half of the row.
A) 10   B) 12   C) 15   D) 17

49. Pointing to the woman in the picture, Rajiv said, "Her mother has only one grandchild whose mother is my wife." How is the woman in the picture related to Rajiv?
A) cousin   B) wife   C) sister   D) mother

50. A clock seen through a mirror shows quarter past three. What is the correct time.
A) 9.45   B) 9.15   C) 8.45   D) 3.15

51 Which of the following is not an input device?
A) OCR   B) Optical scanners   C) Voice recognition device   D) Laser printer

52 In most Personnel Computers, micro processor, device drives, memory expansion slots and active components are mounted on a single board. What is the name of this board?
A) Breadboard   B) Daughter board   C) Motherboard   D) Grandmother board

53 An unsolicited e-mail message sent to many recipients at once is a _____.
A) Worm Mail   B) Trojan horse   C) Spy ware   D) Spam Mail

54 Which of the following formulas will MS-Excel Not be able to calculate?
A) =SUM("Production Value")-B23   B) =SUM(B11:B13)*.8
C) =SUM(B11:B13)/(50-25)   D) =SUM(B11:B13)-29

55 An operating system is
A) A collection of hardware components   B) A collection of input-output devices
C) A collection of software routines   D) All of the above

56 To calculate average of data in cells (C10, C11 and C12) in MS-Excel, you use the formula:
A) =MEAN(C10:C12)   B) =ADD(C10+C11+C12)/3
C) =AVERAGE(C10,C11,C12)   D) (C10 plus C11 plus C12)/3

57 In a presentation made using MS-PowerPoint, there are 20 slides. Speaker wants to show only 18 slides during slide show. Slide number 11 and 15 he does not want to show as well as delete. How this can be performed?
A) Using 'Hide Slide' option for slide number 11 and 15
B) Only option is to delete slide number 11 and 15
C) Keep slide number 11 and 15 after the last slide.
D) This is not possible.

58 The shortcut key for pasting copied contents in a document in Microsoft Office is :
A) CTRL + S   B) CTRL + C   C) CTRL + A   D) CTRL + V

59 Object Snap in Auto-Cad is used to increase
A) Speed accuracy and ease of drafting   B) Speed for drawing
C) Accuracy while drafting   D) Memory utilization

60 In Auto-Cad, Radius of Gyration is given by the command
A) LIST   B) MASSPROP   C) DIST   D) AREA

61. Who propounded the concept of "Principle of least effort"?
A George Kingsley Zipf   B Barry Parker,   C Jane Jacobs   D Raymond Unwin

62. Which of the following is NOT correct?
    A The Greek Hippodamus (c. 407 BC) has been dubbed the "Father of City Planning" for his design of Miletus
    B Alexandria is on the mouth of river Nile
    C Turin is in France.
    D The garden city movement is a method of urban planning that was initiated in 1898 by Sir Ebenezer Howard in the United Kingdom.

63 Where is the headquarter of National Remote Sensing Center located?
    A Deharadun   B Hyderabad   C Pune   D Bangalore

64. Consider the following towns:
    Rajpura Township (Punjab), Gandhidham (Gujarat) and Ashoknagar(West Bengal)
    Which of the above towns were built to accommodate the displaced persons from Pakistan following partition?
    A Only Rajpura Township (Punjab)
    B Rajpura (Punjab) and Gandhidham (Gujarat)
    C Gandhidham (Gujarat), and Ashoknagar(West Bengal)
    D Rajpura Township (Punjab), Gandhidham (Gujarat) and Ashoknagar(West Bengal)

65. Which of the following is smallest urban agglomeration?
    A Amritsar   B Chandigarh   C NCT of Delhi   D Srinagar

66. Which of the following is not correct about urban area in India?
    A There are 7935 towns in the country.
    B There are 4041 statutory and 3894 census towns.
    C All places with a municipality, corporation or cantonment are called census towns.
    D Shimla Municipal Corporation is a statutory town.

67. Sri Sailam town in Andhra Pradesh was built to accommodate the staff of
    A Multi purpose projects   B War Victims   C Refugee   D Army

68. Where is Pimpri Chinchwad located?
    A Andhra Pradesh   B Maharashtra   C Karnataka   D West Bengal

69 Which of the following towns is not planned for administration?
    A Korba   B Bhubaneshwar   C Kolaghat   D Guruvayur

70. Chandigarh capitol project took birth in
    A 1948   B 1949   C 1950   D 1951

71. Regional Surveys include:
    A. Regional Analysis
    B. Regional Analysis and Regional Prospecting
    C. Regional prospecting and Regional Diagnosis
    D. Regional Analysis, Regional Prospecting and Regional Diagnosis

72. The survey conducted for regional prospecting is called:
    A. Techno-economic survey   B. Diagnostic Survey
    C. Regional analysis   D. None of the above

73. Read the following statements in the context of civil lines:
(i) Civil lines were added as a new element to the traditional landscapes.
(ii) Civil Lines were separate areas for the settlement of British officers.
(iii) They were more open and well planned parts of the city with bunglows located in wide open lawns and garden.
Which of the above statements is /are correct?
A. Only (i)   B. Only (ii) and (iii).   C. Only (i) and (iii)   D. All are correct.

74. The Master Plan of Delhi was prepared in
A. 1959   B. 1965   C. 1957   D. 1969

75. An aerial photograph has the following number: 1296 B/A1-7. The 1296 is called as
A. Task number   B. Negative number
C. Serial number   D. Identity number

76. An Open Series Map has No.H43O10.The letter H denotes location with reference to
A. Longitude   B. Latitude
C. Both latitude and longitude   D. High altitude

77. Which of the following map scales will be most suitable on reduction or enlargement of a map?
A. RF   B. Statement   C. Linear   D. None

78. Who is the Chairman of National Disaster Management Authority?
A. President   B. Prime Minister   C. Home Minster   D. Defence Minster

79. Following is the list of a few cities which suffered from urban flooding in different years. Find the incorrect.
A. Hyderabad -2000   B. Ahmedabad -2001   C. Jaipur 2011   D. Jamshedpur -2008

80. To measure the length of a river on a map, we use
A. Planimeter   B. Opisometer   C. Lactometer   D. Anemometer

81. The total urban population of India (2011 census) constitutes _____per cent of the total population.
A. 27   B. 31   C. 35   D. 40

82. Jane Jacob is associated with
A. Defensible Space theory   B. Broken Windows Theory
C. Urban decay   D. Eyes on the street

83. Which of the following is not a Meteorological Factor for urban flooding?
A. Rainfall   B. Cyclonic storms
C. Ground water level prior to storm   D. Snowfall and snow melt

84. Which of the following is associated in the calculation of Floor Area Ratio (FAR)?
A. Building Rise   B. Built Unit Space
C. Semi Public Open Space   D. All the above are associated

85. Which of the following is *not* correct about P waves in the context of earthquakes?
   A. They are compressional.
   B. They vibrate to and fro along the direction of propagation.
   C. They cannot travel through liquids.
   D. They are like sound waves.

86. Which one is *not* an example of sedimentary rock?
   A. sandstone   B. limestone   C. shale   D. slate

87. Which of the following is not a characteristic quality of MICROCADD?   It provides
   A. Faster production of design and data creation
   B. Faster data manipulation (including graphic data), taking little time in   correcting
      and revising designs and documentation of those designs
   C. Faster construction of building.
   D. Faster data output including graphic output

88. Which of the following is not an urban utility?
   A. Electricity   B. Education   C. Water   D. Sewerage

89. Acoustical energy is related to
   A. Thermal   B. Sound   C. Visible light   D. Infra red

90. Neighborhood unit formula was originally developed by C. A. Perry for the regional
   plan of
   A. New York   B. Boston   C. Washington   D. Florida

91. The track built in open green spaces meant only for the pedestrians is:
   A V1   B V3   C V7   D V8

92 Among various innovations related to road sector, which one should be given the last
   priority.
    A Materials for pavement structure   B Construction technologies and equipment
    C Road safety   D Revenue generation

93 Geddes' Cities in Evolution, an essay on the growth of cities, emphasized on
   (a) preservation of historical traditions,
   (b) involvement of the people in their own betterment,
   (c) the reconstruction of future traditions of city building
   Which of the above is incorrect?
   A (a)   B (a) and (b)   C (c)   D (b)

94 Who is credited for the given statement "City design is thus the culminating point of a
   socially adequate process of materialization…the translation of ideas into common
   habits and customs, of personal choices and designs into urban structures, is one of the
   prime functions of the city'
   A Mumford   B Ullman   C Lewis   D Hoyt

95 The concept of Dynapolis was used for Islamabad by
    A Border   B Doxiadis   C Meller   D Howard

96   Which one of the following denotes the correct order of wavelength from higher to lower:
      A   Ultraviolet, Visible light, Infrared, radio waves
      B Visible light, Infrared,   Ultraviolet, radio waves
      C Ultraviolet, infrared, Visible light, Radio waves
      D Radio waves, infrared, Visible light, Ultraviolet

97   Find the median value of the following numbers:
      17, 8, 75, 15, 90
      A 8   B 17   C 81   D 40

98   Density of population in an urban area is an example of
      A Nominal data   B Ordinal data   C Interval data   D Ratio data

99   If Rn = 0, it denotes
      A Random distribution   B Regular distribution
      C Cluster distribution   D Dispersed distribution

100   The point of minimum aggregate travel distance denotes the
      A Mean value   B Median value   C Modal value   D   range value

101   To get 2D information using a handheld GPS, the number of satellites required are :
      A 1   B 2   C 3   D 4

102   What is the alternative of GPS developed by Russia?
      A GLONASS   B Gagan   C Galileo   D Leika

103   The apparent shift in the position of an object due to shift in the point of observation is called
      A   Relief displacement   B Parallax
      C Conjugate principal point   D Nadir

104   Temporal resolution of images will be higher for areas located at
      A Equator   B Tropic of Cancer   C Tropic of Capricorn   D Polar

105   The first Indian remote sensing satellite was launched in
      A 1980   B 1985   C 1988   D 1990

106   The concept of household is related with
      A persons taking food from a common kitchen   B a house of a family
      C a building   D an individual

107   The East West Corridor links
      A Imphal with Jamnagar   B Silchar with Porbandar
      C Kohima with Jaisalmer   D Guwahati with Barmer

108   Functional regions are also called as
      A Naively given region   B Natural region
      C Nodal region   D Planning regions

109   Which of the following statements is incorrect?
A The ratio between external and internal variations is maximum in uniform   regions.
B The uniform regions are also called formal regions
C The ratio between internal and external bonds is the lowest in nodal regions
D Nodal regions have the highest degree of functional unity.

110   Which of the following is true about diagnostic surveys?
A These are also called as structural and environmental quality surveys.
B They do not identify areas for rehabilitation.
C The conservational area is not given attention.
D The diagnostic surveys believe in uniformitarianism.

111   Which of the following is incorrect about an unsafe building?
A It is structurally unsafe   B It is located in an earthquake prone area.
C It is insanitary.   D It constitutes a fire hazard.

112   A sloping or horizontal structural overhang usually provided over openings or external
walls to provide protection from sun and rain is called:
A Footing   B Canopy   C Cabin   D Cornice

113   The (Total Covered Area on All Floors/Plot area)X 100 is
A Built up area   B Floor Area Ratio   C Living space   D Open space

114   The site plan to be sent along with the application for permit for plots up to 500 sq.
mt. in size shall be drawn on
A 1:100   B 1:500   C 1:1000   D 1:50,000

115   A multi storyed or high rise building is a building above
A 3 stories and height below 15 meters above the average level of front road.
B 4 stories and height below 15 meters above the average level of front road.
C 4 stories and height exceeding 15 meters above the average level of front road.
D 5 stories and height above 20 meters above the average level of front road.

116   The per capita water requirement for various occupancies/uses in residential living
units per head per day as per model building bye laws is
A 100 lt.   B 135 lt.   C 180 lt.   D 45 lt.

117   The use of spiral staircase shall be limited to low occupant load and to a building
height of
A 8 m   B 9 m   C 10m   D 15m

118   The national highway No. 7 joins:
A Delhi with Mumbai   B Varanasi with Kanyakumari
C Kolkata with Mumbai   D Chennai with Kolkata

119   Provision of the lifts shall be made for all multi-storeyed building having a height of
A 15 m or above   B 20 m and above   C 25 m and above   D 30 m and above

120   Disaster Management Act was enacted in India in
A 2002   B 2003   C 2004   D 2005

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