

**QUESTION BOOKLET AND ANSWER KEY**  
**FOR RECRUITMENT TEST OF**  
**Planning Officer**  
**HELD ON 21.4.2013**

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**ENGLISH VERSION**

1H    ॐ षं न्हत क्व यः ः यकः ॐ ह्य ॐ  
 (A) वः क्त ॐ                      (B) त के ॐ                      (C) BK                      (D) न य ॐ

2H    ज ढ ढ ढ ढ ढ ढ ढ ढ ढ ढ ढ ढ ढ ढ  
 (A) ; ज ढ क                      (B) ; ज ढ क                      (C) ; ढ ढ क                      (D) ; ढ ढ क

3H    फ्त ॐ ॐ D द ढ ढ क फे ढ ढ क फे ; वः कः ढ ढ कः जः BL  
 (A) u ॐ                      (B) गः ॐ                      (C) न ढ ढ                      (D) द ;

4H    द ढ ढ D, त ॐ ह ॐ ढ ॐ (दः कः जः ब फे जः वः कः ; कः कः B ॐ ह ॐ ढ ढ ज ' ; दः कः जः ॐ  
 (A) ज ढ क ॐ                      (B) ए कः ब                      (C) फ्त ॐ X ॐ                      (D) द [ ॐ क

5H    ॐ दः कः D ॐ ढ ढ ढ ढ ढ ढ ढ ढ ढ ढ ढ ढ ढ ढ  
 (A) B ॐ                      (B) दः क                      (C) वः ॐ                      (D) X ॐ

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

In him	was centred	their love	and their ambition.
A	B	C	D

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

Time	and tide	wait	for no man.
A	B	C	D

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

Sanskrit,	as well as Arabic,	were	taught there.
A	B	C	D

9.    Choose the correct meaning of the following idiom:-  
 To catch a Tartar in somebody.  
 A) to find somebody more formidable than you expected.  
 B) to find somebody more kind than you expected.  
 C) to find somebody more passive than you expected.  
 D) to find somebody more peaceful than you expected.

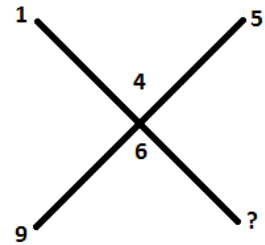
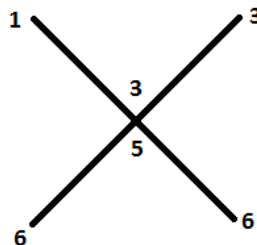
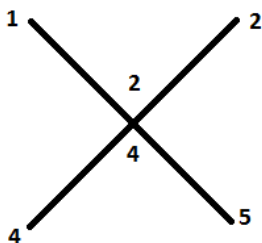
10.    Choose the correct meaning of the following idiom:-  
 To make a pile.  
 A) to make a fortune    B) to commit mistakes                      C) to exploit others                      D) to help others

11.    Who was the Chief Editor of Ghadar Paper?  
 A) Lala Laj Pat Rai                      B) Bhagat Singh  
 C) Lala Hardyal                      D) Gurdit Singh

12. PUNGRAIN in collaboration with HDFC began 'KAIRON' which is a step forward e-governance. What does 'KAIRON' relate to  
 A) Kisan Association Information Network  
 B) Kisan Arhtia Information and Remittance online Network  
 C) Knowledge and Assistant Programme to Kisan  
 D) Kisan Credit Cards
13. Rajasthan Canal emanates from which point?  
 A) Harike                      B) Rampura Phul                      C) Jaito                      D) Dabwali
14. Women wear 'Hass' an ornament at which part of body?  
 A) wrist                      B) neck                      C) head                      D) nose
15. Bio-Technology Park is being set up in Public private Partnership at which of the following cities?  
 A) Amritsar                      B) Ludhiana                      C) Bathinda                      D) Mohali
16. Florence Nightingale is associated with  
 A) World War-I                      B) World War-II                      C) Crimean War                      D) Battle of Leipzig
17. Who was the first chairman of SAARC?  
 A) Mr. Ziaur Rehman                      B) Lt. Gen. H.M. Ershad  
 C) King Birendra                      D) Mrs. Indira Gandhi
18. Dr. Hargobind Khorana received the Nobel Prize for  
 A) interpretation of genetic code                      B) grouping of blood  
 C) discovery of DNA                      D) artificial genes
19. Study of earthquakes is known as  
 A) ecology                      B) seismology                      C) numismatics                      D) philology
20. A transformer is used to  
 A) increase DC voltage                      B) increase or decrease AC voltage  
 C) decrease DC voltage                      D) convert DC into AC
21. Which gas is used as tear gas?  
 A) Hydrogen sulphide                      B) Sodium sulphide  
 C) Calcium sulphide                      D) Carbon sulphhydryl
22. Green plants manufacture food in the presence of  
 A) light                      B) darkness                      C) heat                      D) mineral salts
23. Blood does not coagulate inside the body due to the presence of  
 A) haemoglobin                      B) heparin                      C) fibrin                      D) plasma
24. Which of the following is an example of the possible effects of global warming?  
 A) the Indian wheat belt may receive more rainfall  
 B) grain production is likely to increase  
 C) sea level will rise  
 D) new island will appear as sea level decreases

25. A paleoanthropologist is scientist who studies  
 A) rocks                      B) fossils                      C) ancient DNA                      D) prehistoric life
26. Who was the political guru of the Father of Nation?  
 A) Malviya    B) Gokhle                      C) Dadabhai Naoroji                      D) Rabindra Nath Tagore
27. The maximum gap between sessions of the Parliament can be  
 A) 4 months                      B) 6 months                      C) 9 months                      D) 12 months
28. The first country in the world to officially sponsor family planning programmes to control population was  
 A) China                      B) Venezuela                      C) India                      D) Myanmar
29. The Pandvani is a legendary narrative set to music and belongs to  
 A) Madhya Pradesh    B) Himachal Pradesh    C) Tamil Nadu                      D) Uttar Pradesh
30. Chandigarh is located at the foot of the  
 A) Shimla Hills                      B) Morni Hills                      C) Himalayan Range    D) Shivalik Hills
31. The decimal currency system started in India from  
 A) January 1955                      B) April 1957                      C) April 1951                      D) April 1955
32. Where was the Indian National Flag first unfurled?  
 A) Rashtrapati Bhavan                      B) Red Fort, Delhi  
 C) Parliament House                      D) India Gate
33. Who is recently appointed Chief Justice of India (39<sup>th</sup>) after the retirement of S.H. Kapadia?  
 A) Altamas Kabir                      B) J.S. Verma                      C) S.Y. Qureshi                      D) Dalveer Bhandari
34. Barack Obama recently won second presidential term in USA after defeating \_\_\_\_\_  
 A) Hilary Clinton                      B) Al Gore                      C) Arnold Shwarzneger                      D) Mitt Romney
35. Recently, Sachin Tendulkar became first Indian sportsperson and second Indian to be conferred with membership of the Order of Australia. Who among the following was the first to get the honour?  
 A) V.R. Krishna Iyer    B) Soli Sorabjee                      C) T.N. Seshan                      D) J.M. Lyngdoh

36. Replace sign of interrogation from given alternatives



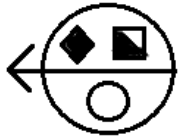
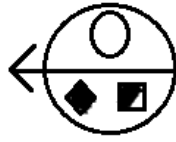
A) 6

B) 7

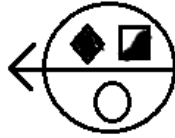
C) 8

D) 9

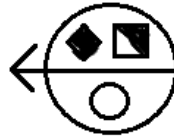
37. Find the water image of the Fig. X from given alternatives



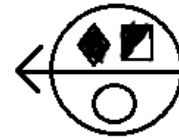
A)



B)



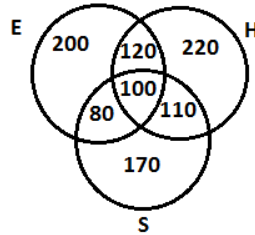
C)



D)

38. From the four alternatives, choose the set of numbers which is similar to given set  
Given set : (63, 49, 35)  
A) (70, 40, 29)      B) (72, 48, 29)      C) (69, 40, 28)      D) (81, 63, 45)
39. If MINERAL is written as QRSTUVW and SOUND is written as ABCSD, then how will READER be written  
A) SBFEFS      B) UTVDTU      C) TUDVUT      D) QDZCDQ
40. Deepak said to Nitin, "That boy playing football is the younger of the two brothers of the daughter of my father's wife." How is boy related to Deepak?  
A) son      B) brother      C) cousin      D) nephew
41. 'A+B' means 'A is daughter of B'; 'A-B' means 'A is the husband of B'; AxB means 'A is the brother of B'. What does PxQ+R mean?  
A) P is brother of R      B) P is uncle of R      C) P is son of R      D) P is father of R
42. A, B, C, D, E, F and G are sitting around a circle and are facing centre. G is second to the left of C, who is to the immediate left of F. A is third to left of E. B is between D and E. Which of the following is true?  
A) C is fourth to left of B      B) A is to immediate right of G  
C) D is second to left of E      D) B is second to right of G
43. Garima is taller than Sarita but not taller than Reena. Reena and Tanya are of the same height. Garima is shorter than Anu. Amongst all girls who is shortest?  
A) Anu      B) Reena and Tanya      C) Garima      D) Sarita
44. Gopal starts from his house towards West. After walking 30 m, he turned right and walked 20 m. He then turned left and after walking 10 m, turned to his left again and walked 40 m. Then he turned left and walked 5 m. Finally he turned to his left. In which direction was he walking in the end?  
A) North      B) South      C) East      D) West
45. A clock is so placed that at 12.00 noon its minutes hand points towards north-east. In which direction its hour hand would point at 1.30 p.m.?  
A) North      B) South      C) East      D) West

46. A result of survey of 1000 persons with respect to their knowledge of Hindi (H), English (E) and Sanskrit (S) is given in Fig.  
What is the ratio of those who know all three languages to those who do not know Sanskrit?



- A)  $\frac{1}{9}$                       B)  $\frac{1}{10}$                       C)  $\frac{10}{17}$                       D)  $\frac{5}{27}$
47. If last four letters of the word CONCENTRATION are written in reverse order followed by next two letters in the reverse order and then next three in the reverse order and then followed by the first four in the reverse order. Counting from left, which letter would be eighth in the new arrangement?  
A) N                      B) T                      C) E                      D) R
48. In the following arrangement, how many symbols and numbers are there which are either immediately preceded or immediately followed by the letter which is from the first half of the English alphabet?  
2 P J @ 8 \$ L B 1 V # Q 6 β G W 9 K C D 3 + ÷ \* 5 F R 7 A Y 4  
A) 6                      B) 7                      C) 8                      D) 9
49. The letters L, M, N, O, P, Q, R, S and T are substituted by 9 integers 1 to 9. 4 is assigned to P. The difference between P and T is 5. The difference between N and T is 3. What is the integer assigned to N?  
A) 4                      B) 5                      C) 6                      D) 7
50. If every alternate Saturday and all Sundays are holiday in a 30 day month beginning on Saturday, a working day, then how many working days are there in that month?  
A) 20                      B) 21                      C) 22                      D) 23
51. In most cases, the operating system such as Windows resides on the computer's \_\_\_\_\_.  
A) Tape cartridge      B) Compact disc      C) Hard disk      D) Processor
52. A \_\_\_\_\_ is a network that connects computers in a limited geographic area, such as a school computer laboratory, small office, or computers at home.  
A) Local area network (LAN)                      B) Wide area network (WAN)  
C) Partial area network (PAN)                      D) Boundless area network (BAN)
53. Multimedia can contain  
A) Graphics, animation, video, music, and voice  
B) Only numeric-type data  
C) Numeric, text, and picture data  
D) Databases that in turn, contain other databases, creating massive data collection
54. Which of the following is an example of text in a spreadsheet cell in MS-Excel?  
A) 2289      B) =C7+D10      C) "Profit 29 Lac"      D) =SUM(B1+B2+B3)

55. In MS-Word 'Format Painter' is used to  
 A) Color the text  
 B) Copy formatting features from one location to apply on the other location  
 C) Format the hard-disk  
 D) Paint a photograph
56. The word wrap feature in MS-Office  
 A) Automatically moves text to the next line when necessary  
 B) Allows you to type over the text  
 C) is the short horizontal line indicating the end of the document  
 D) Saves the document automatically
57. AutoCAD environment settings can be seen by the command  
 A) OSNAP                      B) DDRMODES                      C) STATUS                      D) SNAP
58. Using the AutoSum button will replace in the selected cell with ....  
 A) the sum of values in the cell's column  
 B) a formula which will add values in the range Excel guesses you want to add  
 C) the sum of the cell's row unless you change the range  
 D) None of the Above
59. In two point option of the CIRCLE command, the two points to be defined are  
 A) centre and a point on periphery  
 B) two diametrically opposite points on periphery  
 C) any two points on the periphery  
 D) two diametrically opposite points on a horizontal line
60. You can create hyperlinks from an Excel sheet to  
 A) a web page on the internet                      B) other office application documents  
 C) e-mail address                      D) all of the above
61. The Ministry of Urban Development, Government of India was initially (1952) called  
 A Ministry of Works, Housing and Supply  
 B Ministry of Works and Housing  
 C Ministry of Urban Affairs and Employment  
 D Ministry of Housing and Urban Poverty Alleviation
62. Model Building Bye Laws was prepared by Town and Country Planning Organisation (TCPO) in:  
 A 2000                      B 2002                      C 2004                      D 2005
63. Urban Infrastructure Development Scheme for Small & Medium Towns was launched in  
 A 2005                      B 2008                      C 2010                      D 2012
64. Which of the following is not an admissible work under UIDSSMT?  
 A Sewerage and Solid Waste Management  
 B Construction and improvement of drains/storm water drains  
 C Construction/Upgradation of roads, highways/expressways  
 D Power and telecommunication works

65. An intermediate floor between two floors or a residual space in a pitched roof above normal level constructed for storage with maximum clear height of 1.5 meters is called:  
 A Lobby                      B Loft                      C Ledge                      D Parapet
66. Which of the following is correct about census towns?  
 A It should have a population of 2000.  
 B The density of population should be 500 persons per square km.  
 C 75 per cent of the total male working population should be engaged in non agricultural activities.  
 D The female literacy should be at least 50 per cent.
67. Which of the following is not correct about plane survey?  
 A The curvature of the earth is not taken in to account.  
 B The earth's surface is considered as plane.  
 C The line connecting two points are arc.  
 D The angle of polygons are plane angles.
68. Which one of the following surveys is not of the same class?  
 A Chain survey                      B Land Survey  
 C Marine survey                      D Astronomical survey
69. Which of the following is not part of land survey?  
 A Topographical survey                      B Cadastral survey  
 C City Survey                      D Triangulation survey
70. Which of the following is incorrect?  
 A There are two kind of measurements used in plane surveying: linear and angular.  
 B Linear measurements include horizontal and vertical distances.  
 C Angular measurements include horizontal and vertical angles.  
 D The inclined measurements are not reduced to their horizontal equivalents for plotting purposes.
71. One furlong is equal to  
 A. 5 chains                      B. 10 chains                      C. 15 chains                      D. 20 chains
72. If the scale is 10 m to 1 cm, the R. F. is  
 A. 1:1000                      B. 1:100                      C. 1:200                      D. 1:10
73. Which of the instruments is used for calculating area of a non geometric shape?  
 A. Pantograph                      B. Theodolite                      C. Planimeter                      D. Rota meter
74. The Master Plan of Delhi was approved in  
 A. 1959                      B. 1962                      C. 1957                      D. 1969
75. The topographical sheet no 53 A is having a RF  
 A. 1:1000000                      B. 1:250000                      C. 1:50000                      D. 1:25000
76. Which of the following is qualitative method of representing relief?  
 A. Spot height                      B. Bench marks                      C. Hachures                      D. Contours



77. If the whole circle bearing is  $132^\circ 12'$ , the quadrantal angle will be  
 A.  $S 47^\circ 48' E$       B.  $N 47^\circ 48' W$       C.  $S 47^\circ 48' W$       D.  $N 47^\circ 48' E$
78. During 2001-11 period, million cities in India increased from 35 to  
 A. 51      B. 53      C. 55      D. 57
79. In India, urban centres with population over 10 million are  
 A. 2      B. 3      C. 4      D. 5
80. Which state in India has lowest level of urbanization?  
 A. Rajasthan      B. Himachal Pradesh      C. Goa      D. Jammu and Kashmir
81. Consider the following: roads, street, open spaces, parks, recreational grounds, play grounds, gardens, water supply, electric supply, street lighting, sewerage, drainage, public works  
 What are these as per model building bye laws?  
 A. Amenity      B. Facility      C. Services      D. Utilities
82. A building or part thereof, where groups of people congregate or gather for amusement, recreation, social, religious, patriotic, civil, travel and similar purposes are classified as  
 A. Business building      B. Education building  
 C. Assembly building      D. Institutional building
83. Which of the following is incorrect about zonal plan?  
 A. A plan detailing out the proposals of Master Plan and acting as a link between Master Plan and the Layout Plan.  
 B. It may contain a site plan and land use plan.  
 C. It may also specify standards of demographic characteristics.  
 D. It may provide various components of development of the zone.
84. Work in progress duly sanctioned will be shown in plan using \_\_\_\_\_ colour  
 A. Green      B. Red      C. Yellow      D. No colour
85. The site plan of a plot above the size of 500 sq mt is drawn on a scale of  
 A. 1:100      B. 1:200      C. 1:500      D. 1:1000
86. The plans of the building, elevations and sections for plots measuring up to 250 sq. mt will be drawn on a scale of  
 A. 1:50      B. 1:100      C. 1:500      D. 1:1000
87. Addition of carbon in iron (chemically) produces iron carbide. It is known as  
 A. Haemetite      B. Magnetite      C. Limonite      D. Cementite
88. The continuous deformation of a material under a constant load at high temperature is known as  
 A. Fatigue      B. Creep      C. Rivet      D. Butt
89. IS: 226-1975 denotes the \_\_\_\_\_ quality of steel.  
 A. Standard      B. Ordinary      C. Fusion welding quality      D. Poor quality

90. Indian Standard Light Beam ISLB 550 @ 846 .6 N /m means that overall depth of the beam is  
 A. 550 mm                      B. 550 cm                      C. 550 m                      D. 550 micron
91. The layout of the streets of Washington D.C. was designed by  
 A Peter Zyberk                      B Pierre (Peter) Charles L'Enfant  
 C Jane Jacobs                      D Kevin Lynch
92. Canberra, the capital of Australia was designed by  
 A Griffin                      B Venturi                      C Colin Rowe                      D Rossi
93. Who among the following is associated with diagnostic and treatment surveys of some 50 Indian cities  
 A Ullma                      B Stamp                      C Spate                      D Geddes
94. Find the incorrect statement regarding diagnostic survey:  
 A The diagnostic surveys are highly intensive.  
 B The diagnostic survey has a sociological voice.  
 C It takes in to consideration the life values of people.  
 D The survey approves dignified model towns.
95. The garden city movement is a method of urban planning that was initiated in 1898 by  
 A Border                      B Sir Ebenezer Howard                      C Meller                      D Burgess
96. Town and Country Planning Organization was created in  
 A 1960                      B 1962                      C 1965                      D 1972
97. Find the range of the following numbers:  
 17, 8, 75, 15, 90  
 A 82                      B 90                      C 75                      D 15
98. Absolute values are known in  
 A Nominal data                      B Ordinal data                      C Interval data                      D Ratio data
99. The mean value of five items is 30. It was later found that one of the figures was 20 instead of 15. The revised mean will be  
 A 31                      B 32                      C 35                      D 40
100. The difference between the highest and lowest point in a unit space is called  
 A Height of the place                      B Local relief  
 C Absolute height                      D Height above MSL
101. Survey of India was established in  
 A 1767                      B 1757                      C 1967                      D 1957
102. Which of the following is an Indian satellite  
 A TIROS                      B Landast                      C Cartosat                      D SPOT
103. In which of the following aerial photographs, horizon is visible?  
 A Vertical                      B Low Oblique                      C High Oblique                      D Convergent

- 104 Which of the following is not type of resolution?  
 A Spatial                      B Temporal                      C Radiometric                      D Acoustical
- 105 Who is the ex office Chairman of TCPO  
 A Joint Secretary (UD), Ministry of Urban Development, Government of India  
 B Secretary (UD), Ministry of Urban Development, Government of India  
 C Deputy Secretary (UD), Ministry of Urban Development, Government of India  
 D Additional Secretary (UD), Ministry of Urban Development, Government of India
- 106 The Town and Country Planning Organisation suggested a scheme of planning regions for India in  
 A 1968                      B 1970                      C 1972                      D 1965
- 107 The Master Plan for Bhubaneswar was prepared by  
 A Dr. Otto H. Koenigs Berger                      B H. K. Mewad  
 C Parkash M. Apte                      D Le Carbusier
- 108 An urban center is called city in India if it has a population of at least  
 A 1000000 persons                      B 50000 persons  
 C 25000 persons                      D 100000 persons
- 109 With a percentage increase of carbon in steel, decrease  
 A Strength    B Hardness                      C Brittleness    D Ductility
- 110 The size of the rivet is expressed by the  
 A Length of shank    B Diameter of shank    C Type of head    D No of bolts
- 111 Concentric zone theory was propounded by  
 A E.W. Burgess    B Homer Hoyt    C Edward Ullman    D Stamp
- 112 Which of the following rocks is not based on physical classification?  
 A Stratified    B Unstratified    C Silicious    D Foliated
- 113 Which of the following is a ceramic product?  
 A Clay products    B Refractories    C Glass    D All the above
- 114 Which of the following is incorrect about the quality of cement?  
 A Alkali oxides adversely affect the quality of cement.  
 B If the amount of alkali oxides exceeds 1 per cent, it leads to the failure of concrete made from the cement.  
 C If the content of magnesium oxide exceeds 5 per cent, it causes cracks after mortar or concrete hardens.  
 D Magnesium oxides positively affect the quality of cement.
- 115 Which is not a quality of hard wood?  
 A Annual rings are indistinct.  
 B The colour in relation to soft wood is dark  
 C The density as compared to soft wood is low.  
 D Deciduous trees are hard woods.

- 116 Which of the following instruments is used for measuring vertical and horizontal angles?  
A Theodolite      B Dumpy Level      C Planimeter      D Opisometer
- 117 Who among the following is associated with aesthetic characteristics of a city?  
A Sydney H Williams      B Kevin Lynch  
C Brian Hackett      D Aditya Prakash
- 118 Golden Quadrilateral is related to  
A Rail      B Road      C Air      D Water ways
- 119 The vegetation is best captured in  
A Visible bands      B Infra red bands  
C Ultraviolet bands      D Thermal bands
- 120 Which of the following is not associated with disaster management?  
A NDRF      B DRR      C CBRN      D NDA

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