Question Booklet and Answer Key

For Recruitment Test Held on

22.03.2015

Post: Inspector Grade-I

1. 'ਗੋਦ' ਸ਼ਬਦ ਨੂੰ ਸ਼ੁੱਧ ਰੂਪ ਦੇਣ ਲਈ ਕਿਹੜੇ ਲਗਾਖ਼ਰ ਦੀ ਵਰਤੋਂ ਕੀਤੀ ਜਾਵੇਗੀ:

   (A) ਬਿੰਦੀ   (B) ਟਿੱਪੀ   (C) ਅੱਧਕ   (D) ਕੰਨਾ

2. ਸ਼ੁੱਧ ਸ਼ਬਦ-ਜੋੜ ਚੁਣੋ:

   (A) ਪੜਾਈ   (B) ਪੜ੍ਹਾਈ   (C) ਪੜ੍ਹਾਈ   (D) ਪੜ੍ਹਾਇ

3. ਗੁਰਮੁਖੀ ਲਿੱਪੀ ਵਿੱਚ ਕਿੰਨੀਆਂ ਲਗਾਂ-ਮਾਤਰਾਂ ਹਨ:

   (A) ਤਿੰਨ   (B) ਦਸ   (C) ਪੰਜ   (D) ਸੱਤ

4. ਗੁਰਮੁਖੀ ਵਰਣਮਾਲਾ ਵਿੱਚ ਮੂਲ ਸਵਰ ਕਿਹੜੇ ਹਨ:

   (A) ਕ ਤੋਂ ੜ   (B) ੳ, ਅ, ੲ   (C) ਸ ਤੋਂ ੜ   (D) ਹ, ਨ, ਡ਼

5. ਕਿਹੜਾ ਸ਼ਬਦ ਜ਼ੁਲਮ ਦਾ ਸਮਾਨਾਰਥੀ ਹੈ:

   (A) ਅੱਤਿਆਚਾਰ   (B) ਪਾਪ   (C) ਪੁੰਨ   (D) ਕਤਲ

6. ਪੁਰਖ-ਵਾਚਕ ਪੜਨਾਂਵ ਕਿੰਨੀ ਪ੍ਰਕਾਰ ਦੇ ਹੁੰਦੇ ਹਨ:

   (A) ਚਾਰ   (B) ਪੰਜ   (C) ਛੇ   (D) ਤਿੰਨ

7. ਪੰਜਾਬੀ ਵਿੱਚ ਸੰਖਿਆ-ਵਾਚਕ ਵਿਸ਼ੇਸ਼ਣ ਦੇ ਕਿੰਨੇ ਰੂਪ ਮੰਨੇ ਗਏ ਹਨ:

   (A) ਚਾਰ   (B) ਛੇ   (C) ਪੰਜ   (D) ਅੱਠ

8. ਸੰਜੁਗੀ, ਸਹਾਇਕ ਅਤੇ ਮੁਖ ਕਿਰਿਆ ਕਿਸ ਦੇ ਰੂਪ ਹਨ:

   (A) ਨਾਂਵ   (B) ਵਿਸ਼ੇਸ਼ਣ   (C) ਕਿਰਿਆ   (D) ਪੜਨਾਂਵ

9. 'ਉਤੋਂ ਬੀਬੀਆਂ ਦਾੜ੍ਹੀਆਂ ਵਿੱਚੋਂ ਕਾਲੇ ਕਾ' ' ਅਖਾਣ ਦੀ ਵਰਤੋਂ ਕਿਸ ਸਮੇਂ ਹੁੰਦੀ ਹੈ:

   (A) ਜਿਹੜਾ ਵਿਅਕਤੀ ਜਵਾਨ ਹੋਵੇ   (B) ਜਿਹੜਾ ਬਜ਼ੁਰਗ ਹੋਵੇ

   (C) ਜਿਹੜਾ ਸ਼ਰੀਫ ਹੋਵੇ   (D) ਜਿਹੜਾ ਵੇਖਣ ਨੂੰ ਸ਼ਰੀਫ ਲੱਗੇ ਪਰ ਹੋਵੇ ਮਾੜਾ

10. 'ਫੜ੍ਹਾਂ ਮਾਰਨੀਆਂ' ਮੁਹਾਵਰੇ ਦਾ ਕੀ ਅਰਥ ਹੈ:

    (A) ਕਹਾਣੀਆਂ ਸੁਣਾਉਂਣੀਆਂ   (B) ਗੱਪਾਂ ਮਾਰਨੀਆਂ

    (C) ਚੁਗਲੀ ਕਰਨੀ   (D) ਪ੍ਰਸੰਸਾ ਕਰਨੀ

Directions (Q. No. 11-14): Mark the correct antonyms of the given words

11. Consecrate :
    A) worship   B) praise   C) profane   D) eulogize

12. Brawny :
    A) strong   B) weak   C) clever   D) kindness

13. Adulatory :
    A) disparaging   B) complimentary   C) enthusiastic   D) glowing

14. Discrete :
    A) coward   B) shy   C) brave   D) connected

Directions (Q. No. 15-17): Mark the correct synonyms of the given words

15. Discordant :
    A) discrepant   B) harmonious   C) kindness   D) savage

16. Exemplar :
    A) clever   B) deceitful   C) paragon   D) opportunist

17. Discretionary :
    A) disciplinary   B) voluntary   C) compulsory   D) correct

Directions (Q. No. 18 – 20): Mark the correct prepositions to be filled in the gaps

18. He was _____ the cusp between acting and sports.
    A) of   B) for   C) from   D) on

19. Sita's property devolves _____ her husband.
    A) at   B) on   C) for   D) by

20. She kept cutting _____ on our conversation.
    A) in   B) for   C) with   D) at

21. The Magna Carta was a Charter of Rights granted to the Englishmen by King John II during :
    A) AD 1415   B) AD 1515   C) AD 1315   D) AD 1215

22. Which of these are not associated with the active Sun?
    A) granulation   B) sunspots   C) prominences   D) flares

23. Currency of Argentina is :
    A) Real   B) Dollar   C) Peso   D) Frank

24. A hot dry wind blowing on the east or leeward side of the Rocky Mountains (North America) is called :

   A) Foehn   B) Chinook   C) Solano   D) Bora

25. The policies of "glasnost" and "perestroika" meant :

   A) Openness and the restructuring of economy

   B) Colonialism and post-colonialism

   C) Modernization and liberalization

   D) Alienation and identification

26. The first atom bomb was dropped on Hiroshima on :

   A) 9 August 1945   B) 9 August 1946   C) 6 August 1945   D) 9 August 1943

27. Which of the following is correctly paired ?

   A) Marx – Laissez faire   B) Sartre – existentialism

   C) Owen – utilitarianism   D) Smith – socialism

28. What is the normal tenure of the office of the UN Secretary General?

   A) 3 years   B) 6 years   C) 4 years   D) 5 years

29. International Women's Day is celebrated on :

   A) March 10   B) March 15   C) March 20   D) March 8

30. The Nobel Prize in Economic Sciences (2014) was given to :

   A) Ron Harris   B) S.M.Smith   C) Jean Tirole   D) Patrick Modiano

31. "Train to Pakistan" was written by :

   A) Manto   B) Khushwant Singh   C) Krishan Chander   D) Rahi Masoom Raza

32. Who, of the following, is credited with the statement :

   "Belief in truth begins with doubting all that has hitherto been believed true" ?

   A) Friedrich Nietzsche   B) Marx   C) Kant   D) Hegel

33. Deficiency of iron in human diet causes :

   A) goitre   B) scurvy   C) anaemia   D) rickets

34. Flower colours are due to :

   A) chlorophyll   B) phytochromes   C) melanin   D) anthocyanins

35. Andragogy is the science of :

A) teaching adults   B) study of stars   C) study of metals   D) study of laws

36. About how much of the world's land area is tropical rainforest ?

A) 2%   B) 10%   C) 15%   D) 7%

37. In a parliamentary system to whom is the executive responsible ?

A) President   B) Legislature   C) House of People   D) Judiciary

38. Who was the first President of the Indian National Congress ?

A) A.O.Hume   B) W.C.Banerjee   C) Annie Besant   D) G.K.Gokhale

39. The Battle of Plassey was fought in the year :

A) 1757   B) 1772   C) 1807   D) 1864

40. Which Article of the Constitution of India provides the Parliament the power to amend the Constitution ?

A) 370   B) 390   C) 368   D) 376

41. The classical dance of Andhra Pradesh is :

A) Kuchipudi   B) Kathakali   C) Odissi   D) Bharatanatyam

42. Sarva Shiksha Abhiyan (SSA) was launched in :

A) November 2003   B) November 2000   C) March 2000   D) March 2005

43. Census 2011 is the _____ .

A) fifth census after independence   B) sixth census after independence

C) eighth census after independence   D) seventh census after independence

44. The first Indian Governor of Reserve Bank of India was :

A) R.K.Pachauri   B) R. Diwakar   C) C.D.Deshmukh   D) R.N.Shekhawat

45. June 21, as per UN announcement, will be celebrated as :

A) Peace Day   B) Tolerance Day   C) Yoga Day   D) Flower Day

46. The first railway line in India was started in the year :

A) 1853   B) 1857   C) 1858   D) 1890

47. The first Nirmal State of India is :

A) Tamil Nadu   B) Karnataka   C) Rajasthan   D) Sikkim

48. The name of the first newspaper of India is :

    A) *The Times of India*   B) *The Hindu*

    C) *The Bengal Times*   D) *Bengal Gazette*

49. Which of the following languages was also recently given the status of classical language of India?

    A) Odia   B) Bhojpuri   C) Sindhi   D) Punjabi

50. Who of the following was awarded the Gandhi Peace Prize 2013?

    A) Kiran Bedi   B) Chandi Prasad Bhatt

    C) Anna Hazare   D) Arvind Kejriwal

51. Complete the series :

    UPI,   ?,   ODP,   MBQ,   LAW

    A) RHJ   B) SHJ   C) SIJ   D) TIJ

52. The following three letters / numerals sequences correspond to each other in some way. Find out the numerals that replace the question marks

    A – B A C – D – B C D C

    – 3 – 2 – 1 – 4 ? ? ? ?

    d c – – b a c b – – – –

    A) 1, 3, 4 ,C   B) 1, 4, 3, 4   C) 2, 3, 4, 3   D) 3, 4, 1, 4

53. Find the pair of words that has same relationship which the given pair of words has:

    Given pair :- Vindictive : Mercy

    A) Skeptical : Trustfulness   B) Modest : Dignity

    C) Insightful : Hope   D) Avaricious : Greed

54. Out of 5 given pairs below, 4 are alike and one is different. Find the different one.

    i) LOCATE : OCLATE   ii) EXAMIN : XAEIMN   iii) PLENTY : LEPTYN

    iv) COWARD : OWCRAD   v) ALWINS : LWANIS

    A) i)   B) ii)   C) iii)   D) v)

55. On another planet, the local terms for 'water', 'earth', 'light', 'air' and 'sky' are 'sky', 'light', 'air', 'water' and 'earth' respectively. When a person is thirsty, what would he drink?

A) earth   B) air   C) light   D) sky

56. A, B, C, D, E, F and G are members of a family consisting of four adults and three children, two of whom, F and G are girls. A and D are brothers and A is a doctor. E is an engineer married to one of the brothers and has two children. B is married to D and G is their child. Who is C ?

A) A's son   B) E's daughter   C) F's father   D) G's brother

57. In a group of 5 persons A, B, C, D and E, one of them is horticulturist, one is a physicist, one is journalist, one is an industrialist and one is an advocate. Three of them A, C and the advocate prefer tea to coffee and two of them B and journalist prefer coffee to tea; the industrialist and D and A are friends but two of them prefer coffee to tea; the horticulturist is C's brother:

Which of following groups includes only one person who likes tea but is not an advocate?

A) A C E   B) A D   C) B E   D) none of these

58. Five ladies – Tanya, Sunita, Nidhi, Aparna and Preeti and five men – Arvind, Kunal, Pawan, Sahil and Tanmay sat on two sides of a table. Ladies sat alternating with and opposite men. Sahil sat in the centre. Aparna sat opposite Arvind. Sunita sat next to Sahil and three places from Arvind. Preeti sat four places to left of Aparna. Nidhi sat two places from Sunita and Pawan sat opposite Sunita. Kunal sat three places from Preeti. Who sat opposite Tanya?

A) Arvind   B) Kunal   C) Pawan   D) Sahil

59. Rohit walked 25m to South, then turns to his left and walked 20m, again turns left and walked 25m. He again turned right and walked 15m. At what distance and in which direction is he from his starting point ?

A) 35m east   B) 35m north   C) 40m east   D) 60m east

60. A boy rode his bicycle northwards, then turned left and rode 1 Km and again turned left and rode 2 Km. He found himself exactly 1Km West of his starting point. How far did he ride northwards initially?

A) 1 Km   B) 2 Km   C) 3 Km   D) 5 Km

61. Study the following series and answer the question:

F J M P Q W R N B E Y C K A V L D G X U H Q I S Z T

F M J : T S Z in the same way as J M P : ?

A) IZS   B) ZSI   C) ZIS   D) ISZ

62. Study the following sequence and answer the question:

E + G B D M 4 N K H 2 A C Z S V 3 F 1 J L O Q 5 P R

How many meaningful words can be made with 1st, 12th, 15th and 21st elements of the sequence :

A) 1   B) 2   C) 3   D) 4

63. Which of the following 3 digit numbers will be 2nd largest among them after 2 is subtracted from the middle digit of each number and the positions of the 1st and the 3rd digits are inter changed ?

i) 368   ii) 489   iii) 572   iv) 853   v) 974

A) i)   B) ii)   C) iv)   D) v)

64. Which of the following meanings of the arithmetical signs will yield the value 'zero' for the expression given below ?

$200 \times 100 + 300 \times 200 - 10 \div 2 + 4$

A) '+' means '−', '−' means '×', '×'means '÷', '÷' means '+'

B) '+' means '−', '−' means '÷', '×' means '+', '÷' means '×'

C) '+' means '×', '−' means '−', '×'means '÷', '÷' means '+'

D) '+' means '÷', '−' means '+', '×' means '−', '÷' means '×'

65. If $A + B > C + E$, $C + D = 2 B$ and $B + E > C + D$, it necessarily follows that :

A) $B + D > C + E$ B) $A + B > 2 D$

C) $A + D > B + C$ D) $A + D > B + E$

66. In 3 coloured boxes -- Red, Green and Blue, 108 balls are placed. There are twice as many balls in green and red boxes combined as there are in the blue box and twice as many in the blue box as there are in red box. How many balls are there in green box ?

A) 18   B) 36   C) 45   D) 54

Directions : (Q.No. 67-68): Data on 450 candidates, who took an exam in Social Science, Maths and Science is (i) Passed in all subjects = 167; (ii) Failed in all subjects = 60; (iii) Failed in Social Sciences = 175; (iv) Failed in Maths =199; (v) Failed in Science = 191; (vi) Failed in Social Sciences only = 62 (vii) Passed in Maths only = 48; (viii) Passed in Science only = 52.

67. How many passed in Maths and at least one more subject ?

A) 210   B) 203   C) 170   D) 94

68. How many passed at least in one subject ?

A) 450   B) 390   C) 304   D) 167

69. Complete the matrix

A	M	B	N
R	C	S	D
E	U	F	?

A) G   B) R   C) T   D) V

70. Find the conclusions that logically follow from the given statements :

Statements : Some axes are hammers. Some hammers are knives. Some knives are axes.

Conclusions :   i) Some axes are hammers   ii) Some knives are blade

             iii) Some axes are blades

A) None follows   B) Only i) follows

C) Only ii) follows   D) Only ii) and iii) follow

71. Which of the answer figs. fits to replace the question mark (?) in problem Figures.

Problem Figures   **Answer Figures**
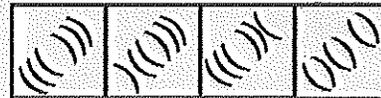
A)   B)   C)   D)

72. Find the number of parallelograms in the given Figure.
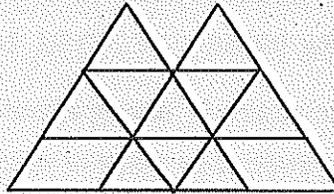
A) 23   B) 22   C) 21   D) 18

73. 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

74. The minimum number of colours required to paint all the sides of a cube so that no two adjacent faces have the same colour, is:

A) 2   B) 3   C) 4   D) 5

75. If on a dice 1 is opposite 2 and adjacent to 3 and 4, then which of the following statements is necessarily true ?

A) 2 is adjacent to 6   B) 3 is adjacent to 4

C) 4 is opposite to 6   D) 3 is opposite to 5

76. The maximum number of students among whom 1001 pens and 910 pencils can be distributed in such a way that each student gets same number of pens and same number of pencils is :

A) 91   B) 910   C) 101   D) 191

77. The height of a tree is 10m. It is bent by wind in such a way that its top touches the ground and makes angles of 60^0 with the ground. At what height from the bottom did the tree get bent ? (Take $\sqrt{3} = 1.732$)

A) 5.4m   B) 5.2m   C) 4.8m   D) 4.6m

78. At which time between 7 and 8 O'clock will the hands of a clock be in same straight line but not together ?

   A) $7\frac{5}{11}$ min. past 7

   B) $5\frac{5}{11}$ min. to eight

   C) $5\frac{5}{11}$ min. past 7

   D) $7\frac{5}{11}$ min. to eight

79. A well has to be dug out that is to be 22.5m deep and of diameter 7m. The cost of plastering the inner curved surface at Rs. 30 per square meter is :

   A) Rs. 14650   B) Rs. 14750   C) Rs. 14950   D) Rs. 14850

80. The water in a rectangular reservoir having a base 80m by 60m is 6.5m deep. In what time can the water be emptied by a pipe of which the cross-section is a square of side 20cm, if the water runs through the pipe at the rate of 15 Km per hour?

   A) 26 hrs   B) 42 hrs   C) 52 hrs   D) 65 hrs.

81. The sides of a triangle are in the ratio $\frac{1}{2}:\frac{1}{3}:\frac{1}{4}$. If perimeter is 52cm, then length of the smallest side is :

   A) 9 cm   B) 10 cm   C) 11 cm   D) 12 cm

82. If the rate of interest be 4% p.a. for first year, 5% p.a. for second year and 6% p.a. for 3rd year, then the compound interest of Rs. 10000 for 3 years will be:

   A) Rs. 1575.20   B) Rs. 1600   C) Rs. 1625.80   D) Rs. 2000

83. A borrows Rs. 8000 at 12% p.a. simple interest and B borrows Rs. 9100 at 10% p.a. simple interest. In how many years will their amounts of debts be equal?

   A) 18 years   B) 20 years   C) 22 years   D) 24 years

84. A boat running upstream takes 8 hrs 48 min to cover a certain distance while it takes 4 hrs to cover the same distance running down stream. What is the ratio between the speed of the boat and the speed of water current?

   A) 2 : 1   B) 8 : 3   C) 3 : 1   D) cannot be determined

85. A fast train takes 3 hrs less than the slow train for a journey of 600 Km. If the speed of the slow train is 10 Km/hr less than that of fast train, the speed of the slow train is:

   A) 30 Km/hr   B) 35 Km/hr   C) 40 Km/hr   D) 45 Km/hr

86. A can cultivate $\frac{2}{5}$ of a field in 6 days and B can cultivate $\frac{1}{3}$ of it in 10 days. Working together A and B can cultivate $\frac{4}{5}$ of the field in:

   A) 4 days   B) 5 days   C) 8 days   D) 10 days

87. A contractor undertakes to build a wall in 50 days. He employs 50 people for the same. However, after 25 days, he finds that only 40% of the wall is complete. How many more men need to be employed to complete the work in time?

   A) 20   B) 25   C) 30   D) 35

88. Three partners A, B, C invested money such that

   6 (A's capital) = 8 (B's capital) = 10 (C's capital).

   Then, the ratio of their shares in the profit will be :

   A) 3 : 4 : 5   B) 12 : 15 : 20   C) 20 : 15 : 12   D) 6 : 8 : 10

89. If a exceeds b by x%, then which of the following is correct?

   A) $(a-b) = \frac{x}{100}$ B) $b = a + 100\,x$ C) $a = \frac{bx}{100+x}$ D) $a = b + \frac{bx}{100}$

90. The denominator of a rational number is 3 more than its numerator. If the numerator is increased by 7 and the denominator is decreased by 2, we obtain 2. The rational number is :

   A) $\frac{1}{4}$ B) $\frac{7}{10}$ C) $\frac{8}{11}$ D) $\frac{5}{8}$

91. Which of following allows multiple operating system instances to run on the same server ?

   A) Server   B) Hypervisor   C) Network   D) Data

92. The feature that opens a window on your desktop in MS-Windows environment where you can browse for file stored on your computer is known as :

   A) Windows Explorer   B) Start page

   C) Control Panel   D) Display Option

93. In MS-Word, a file name that is followed by .dotx indicates that file type is :

   A) A template   B) A worksheet

   C) A Word 97-2003 document   D) Unreadable

94. In MS-PowerPoint, to allow a user to click text on a slide and jump to another slide in the same presentation, create :

A) A dynamic link

B) A bookmark

C) An imported slide

D) A hyperlink

95. In MS-Excel, the Standard Deviation functions are found in _____ category:

A) Financial   B) Forecast   C) Statistical   D) Math & Trig

96. Which of the following would best fit the following description?
A software that can be copied, modified & shared with others without permission of anyone.

A) freeware   B) piracy   C) free/open-source   D) public domain

97. A word processor would most likely be used to :

A) Keep an account of money spent   B) Do a computer search in media center

C) Maintain an inventory   D) Type a biography

98. Secondary storage device is needed to?

A) Perform arithmetic and logical operations

B) Communicate on a network

C) Print output result

D) Store large volume of data that exceed the capacity of main memory

99. Which of following is true in context of Local Users and Groups in Windows operating system?

A) A right authorizes a user to perform certain actions on a computer, such as backing up files and folders or shutting down a computer.

B) A permission is a rule that is associated with an object (usually a file, folder, or printer), and it regulates which users can have access to the object and in what manner.

C) You can use Local Users and Groups to secure and manage user accounts and groups that are stored locally on your computer.

D) All of the above.

100. A software named Google Chrome is an example of :

A) Antivirus   B) Website   C) Web Browser   D) Firewall

i-12/A

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