

**Ministry of Home Affairs (Govt. of India)**  
**Security Assistant (Executive) Examination**  
**October 2014 Question Paper (Fully Solved)**

1. If  $x$  is subtracted from 10 and the difference is divided by 2, the result is 3. Find  $x$  ?

- (i) 3 (ii) 4  
 (iii) 5 (iv) 16

2. A dress is sold for Rs. 100 after a 20% discount. What is the original sale price ?

- (i) Rs. 150 (ii) Rs. 125  
 (iii) Rs. 120 (iv) Rs. 80

3. If sum of two numbers is 4 times their difference, find the numbers ?

- (i) 5, 3 (ii) 6, 2  
 (iii) 8, 0 (iv) 7, 1

4. Solve :  $6 - 3(6 - 3) = ?$

- (i) 3 (ii) - 3  
 (iii) 0 (iv) 9

5. Solve :  $10^3 \times (5 \times 2)^{-3} = ?$

- (i) 1 (ii) 0  
 (iii)  $10^6$  (iv)  $(5 \times 2)^{-3}$

6. Which of the following are not sides of a right angle triangle ?

- (i) 3, 4, 5 (ii) 12, 5, 13  
 (iii) 4, 4,  $4\sqrt{2}$  (iv) 4, 5, 6

7. Find the sum of all numbers from 1 to 59 :

- (i) 1770 (ii) 1590  
 (iii) 1950 (iv) 1750

8. What should be the next number in the series : 5, 8, 14, 26, 50 \_\_\_\_\_

- (i) 96 (ii) 68  
 (iii) 70 (iv) 98

9. Select related words from the alternatives – BOOK : BOOKER :: MOVIE : \_\_\_\_\_

- (i) Actor (ii) Oscar  
 (iii) Theatre (iv) Director

10. A earns more than B and less than C. D earns more than A and C. E earns more than B. Who earns the least ?

- (i) A (ii) B  
 (iii) C (iv) D

11. The line demarcating the boundary between India and China is the :

- (i) Durand Line  
 (ii) Radcliffe Line  
 (iii) McMahon Line  
 (iv) Stafford Line

12. What is 'Mixed Farming' ?

- (i) Growing rabi as well as kharif crops  
 (ii) Growing several crops

(iii) Growing several crops and also raising livestock

(iv) Growing sugarcane as well as cereals

13. The 'Khetri project' in Rajasthan is famous for the product of :

- (i) Zinc (ii) Steel  
 (iii) Copper (iv) Aluminium

14. Who is known as 'Punjab Kesari' among the freedom fighters ?

- (i) Bhagat Singh  
 (ii) Lala Lajpat Rai  
 (iii) Chandra Shekhar Azad  
 (iv) Lala Hardyal

15. The eight-fold path of righteousness was prescribed by :

- (i) Kabirdas (ii) Buddha  
 (iii) Shankaracharya (iv) Mahavira

16. From which part of the plant is turmeric obtained ?

- (i) Root (ii) Fruit  
 (iii) Seed (iv) Stem

17. 'Bharat Ratna' has been awarded to only two foreigners so far. One of them is Nelson Mandela, and the other is :

- (i) Abdul Wali Khan  
 (ii) Mikhail Gorbachev  
 (iii) Khan Abdul Gaffar Khan  
 (iv) Marshal Tito

18. Tansen Samman has been instituted by the Government of

- (i) Maharashtra  
 (ii) Gujarat  
 (iii) Madhya Pradesh  
 (iv) Uttar Pradesh

19. The only Indian to win the Nobel Prize in Physics :

- (i) Dr. Vikram Sarabhai  
 (ii) Dr. J.C. Bose  
 (iii) Dr. H.J. Bhabha  
 (iv) Dr. C.V. Raman

20. The highest mountain peak in India is :

- (i) Kanchenjunga (ii) Mount Everest  
 (iii) K2 (iv) Nanga Parbat

21. The distinguished Indian actress who died in 2014 at the age of 102 was :

- (i) Zohra Sehgal (ii) Jiah Khan  
 (iii) Nanda (iv) Suchitra Sen

22. The former Chief Justice of India who has been appointed as Governor of Kerala is :

(i) K.G. Balakrishnan

(ii) P. Sathasivam

(iii) R.M. Lodha

(iv) M.N.R. Venkatachalaiah

23. There is a certain relationship between each pair given on either side. Identify the relationship and find the missing term from the options :

PALE : LEAP :: POSH : \_\_\_\_\_

- (i) HSOP (ii) POHS  
 (iii) SHOP (iv) PSOH

24. The Shanti Swarup Bhatnagar Award is given by which of the following organisations ?

- (i) ISRO  
 (ii) Council of Scientific & Industrial Research  
 (iii) Indian Council of Agricultural Research  
 (iv) Indian National Science Academy

25. The Kudankulam Nuclear Power plant which was commissioned last year (2013), was constructed following an agreement between the Government of India and which country ?

- (i) France (ii) Russia  
 (iii) USA (iv) UK

26. What is the name of the Indian diplomat who was charged with 'visa fraud' leading to a diplomatic standoff between India and USA ?

- (i) Aakash Singh Rathore  
 (ii) Devyani Khobragade  
 (iii) Sangeeta Richard  
 (iv) Preet Bharara

27. The Commonwealth Games 2014 were held in :

- (i) Glasgow (ii) Scotland  
 (iii) Dubai (iv) Ireland

28. Admiral D.K. Joshi resigned as Naval Chief following a fire on which submarine in February 2014 ?

- (i) INS Sindhurakshak  
 (ii) INS Sindhuratna  
 (iii) INS Sindhughosh  
 (iv) None of the above

29. The Chief Minister of Andhra Pradesh is :

- (i) N. Chandrababu Naidu  
 (ii) K. Chandrashekar Rao  
 (iii) K. Rosaiah  
 (iv) Kiran Kumar Reddy

30. Which is the third largest party in the 16<sup>th</sup> Lok Sabha ?  
 (i) Trinamool Congress  
 (ii) INC  
 (iii) AIADMK  
 (iv) BJD
31. What is the highest peacetime gallantry award in India ?  
 (i) Ashok Chakra  
 (ii) Kirti Chakra  
 (iii) Paramvir Chakra  
 (iv) Shourya Chakra
32. In India seats are not reserved for women in :  
 (i) Panchayati Raj bodies  
 (ii) Parliament  
 (iii) Both (i) & (ii)  
 (iv) Neither (i) nor (ii)
33. The number of languages listed in the Eighth Schedule of the Indian Constitution are :  
 (i) 18 (ii) 14  
 (iii) 22 (iv) 19
34. The members of Rajya Sabha are elected by :  
 (i) Elected members of Legislative Council  
 (ii) The people  
 (iii) Lok Sabha  
 (iv) Elected members of the Legislative Assembly
35. Which one of the following is not a fundamental right ?  
 (i) Right to property  
 (ii) Right to assemble peacefully  
 (iii) Right to move freely throughout the country  
 (iv) Right to constitutional remedies
36. A chemical reaction in which heat is given out along with the products is known as :  
 (i) Exothermic reaction  
 (ii) Isothermic reaction  
 (iii) Hypothermic reaction  
 (iv) Endothermic reaction
37. The acid produced by the human stomach to aid digestion is :  
 (i) Nitric Acid  
 (ii) Hydrochloric Acid  
 (iii) Sulphuric Acid  
 (iv) None of the above
38. Tomato is a natural source of which acid  
 (i) Tartaric acid (ii) Oxalic acid  
 (iii) Acetic acid (iv) Citric acid
39. In computer output devices 'TFT' is related to video display unit. TFT stands for :  
 (i) Thin Film Transistor  
 (ii) Thin Form Tablet  
 (iii) Thin Film Triode  
 (iv) None of the above
40. An allotrope of carbon that is a conductor of electricity is :  
 (i) Diamond (ii) Graphite  
 (iii) Lignite (iv) Coal
41. The chambers of the heart which pump blood from the heart into various organs are called :  
 (i) Ventricles (ii) Arteries  
 (iii) Veins (iv) Nerves
42. The scientist who found the relationship between the current flowing in a metallic wire and the potential difference across its terminals was :  
 (i) George Simon Ohm  
 (ii) Michael Faraday  
 (iii) Enrico Fermi  
 (iv) G.R. Kirchoff
43. Which of the following is not a certification of quality standard for goods ?  
 (i) Agmark (ii) Hallmark  
 (iii) ISI (iv) BIS
44. The change in the focal length of lens in the human eye is caused by the action of :  
 (i) Pupil  
 (ii) Retina  
 (iii) Ciliary muscles  
 (iv) Iris
45. The phenomenon of electromagnetic induction is :  
 (i) the process of charging a body  
 (ii) the process of generating magnetic field due to a current passing through a coil  
 (iii) production-induced current in a coil due to a relative motion between a magnet and a coil  
 (iv) the process of rotating a coil of an electric motor
46. The art of predicting future course of human lives with the help of the movement of stars is called :  
 (i) Astronomy (ii) Astrology  
 (iii) Astronautics (iv) Aeronomy
47. Match the following :  
 (i) Fathometer A. Revolutions per minute  
 (ii) Lactometer B. Relative density  
 (iii) Hygrometer C. Specific gravity of milk  
 (iv) Tachometer D. Depth of sea  
 (i) I-A II-B III-C IV-D  
 (ii) I-D II-C III-B IV-A  
 (iii) I-D II-B III-C IV-A  
 (iv) I-A II-C III-D IV-B
48. A piece of rock is taken from the moon to earth, then its :  
 (i) Mass will change  
 (ii) Both mass & weight will change  
 (iii) Mass will remain constant, weight will change  
 (iv) None of the above
49. Triple Antigen DPT given to infants provides immunity against :  
 (i) Whooping cough  
 (ii) Typhoid  
 (iii) Small pox  
 (iv) Polio
50. The maximum percentage of the mixture of gases in the atmosphere is :  
 (i) Oxygen  
 (ii) Nitrogen  
 (iii) Carbon-di-oxide  
 (iv) Helium
51. Rickets is a disease caused due to deficiency of :  
 (i) Vitamin A (ii) Vitamin B  
 (iii) Vitamin C (iv) Vitamin D
52. First woman cosmonaut in space is :  
 (i) Valentina Vladimirovna Tereshkova  
 (ii) Kalpana Chawla  
 (iii) Sally Ride  
 (iv) Claudie Haignere
53. Which media have the ability to have data/information stored (written) on them by users more than once ?  
 (i) CD-RW disk (ii) CD-R disk  
 (iii) Optical disk (iv) Zip disk
54. VIRUS stands for :  
 (i) Vital Information Resource Under Seize  
 (ii) Very Important Resource Under Search  
 (iii) Very Important Record Under Search  
 (iv) Verify Interchange Result Until Source
55. The 100 rupee currency note of India carries the signature of :  
 (i) Governor, RBI  
 (ii) Secretary, Ministry of Finance  
 (iii) President of India  
 (iv) Finance Minister
56. In a discussion on terrorism, what is the full form of LeT ?  
 (i) Light emitting Triode  
 (ii) Low emission Triangle  
 (iii) Lashkar-e-Taiba  
 (iv) None of the above
57. Late Smt M.S. Subbalakshmi distinguished herself in the field of :  
 (i) Vocal music (ii) Kathak  
 (iii) Bharatnatyam (iv) Veena
58. Pulitzer Prize is awarded for outstanding work in the field of :  
 (i) Environmental Studies  
 (ii) Science and Technology  
 (iii) International Understanding  
 (iv) Literature & Journalism

59. Which of the following is not part of the famous “Lal-Bal-Pal” trio of Indian freedom struggle ?
- (i) Lala Lajpat Rai (ii) Bipin Chandra Pal  
(iii) Bal Gangadhar Tilak (iv) Lal Balendu Pal
60. Hirakud Dam is located in which State :
- (i) West Bengal (ii) Jharkhand  
(iii) Odisha (iv) Andhra Pradesh
61. A, B and C are sisters. D is the brother of E. E is the daughter of B. How is A related to D ?
- (i) Sister (ii) Cousin  
(iii) Niece (iv) Aunty
62. “1984” (Nineteen eighty-four) is a novel written by :
- (i) Jane Austen  
(ii) Indira Gandhi  
(iii) Eric Arthur Blair or George Orwell  
(iv) James Joyce
63. All rivers in India flow to the east to reach Bay of Bengal except :
- (i) Ganga (ii) Krishna  
(iii) Godavari (iv) Narmada
64. Thar Desert is mainly located in which State ?
- (i) Gujarat (ii) Punjab  
(iii) Rajasthan (iv) Haryana
65. People of which State celebrate the festival of ‘Onam’ ?
- (i) Karnataka (ii) Andhra Pradesh  
(iii) Kerala (iv) Tamil Nadu
66. FDI stands for :
- (i) Fair Deal Institute  
(ii) Foreign Diplomatic Institution  
(iii) Foreign Direct Investment  
(iv) None of the above
67. Sardar Vallabhbhai Patel National Police Academy is located in which city ?
- (i) Ahmedabad (ii) Faizabad  
(iii) Hyderabad (iv) Sleemanabad
68. Who is the Comptroller & Auditor General of India ?
- (i) V.N. Rai (ii) Shashikant Sharma  
(iii) R.K. Singh (iv) None of the above
69. BND in Germany is associated with :
- (i) Football (ii) Intelligence Agency  
(iii) Political party (iv) None of the above
70. What is the dimension of a Badminton Court ?
- (i) 44 feet × 23 feet (ii) 40 feet × 22 feet  
(iii) 44 feet × 22 feet (iv) None of the above
71. Who was the Commander of the ‘Harawal Dasta’ commando contingent of the Army of Maharana Pratap ?
- (i) Hakim Soor (ii) Ibrahim Gardi  
(iii) Shakti Singh (iv) Amar Singh Rathore
72. Wheat is a :
- (i) Kharif crop (ii) Rabi crop  
(iii) Purwai crop (iv) None of the above
73. Which of the following presidents was an eminent jurist ?
- (i) Dr. A.P.J. Kalam (ii) Dr. S. Radhakrishnan  
(iii) Rajendra Prasad (iv) Dr. V.V. Giri
74. Kangaroos are animals found in :
- (i) New Zealand (ii) England  
(iii) Australia (iv) Belgium
75. “Gateway of India” is situated in :
- (i) New Delhi (ii) Kolkata  
(iii) Mumbai (iv) Chennai

76. Sharad Joshi Samman is awarded for :  
 (i) Social Service  
 (ii) Cartoon  
 (iii) Satire & Essay  
 (iv) Trade Union Activity
77. Which of the following is not a malware ?  
 (i) Stuxnet (ii) Insect  
 (iii) Virus (iv) Trojan
78. An online social networking service which is used to send text messages of 144 characters is :  
 (i) Twitter (ii) Facebook  
 (iii) WhatsApp (iv) Instagram
79. The National Anthem of India "Jana Gana Mana" was composed by :  
 (i) Rabindranath Tagore  
 (ii) Bankin Chandra Chattopadhyay  
 (iii) Sarojini Naidu  
 (iv) Sharat Chandra Chatterjee
80. Tipu Sultan was also known as :  
 (i) Lion of Mysore  
 (ii) Lion of Vijayanagar  
 (iii) Tiger of Mysore  
 (iv) Tiger of Karnataka
81. The word 'spurious' means :  
 (i) Genuine (ii) Authentic  
 (iii) Substantial (iv) Fake
82. Which of the following is closest to the meaning of 'nebulous' ?  
 (i) Confused (ii) Vague  
 (iii) Indecent (iv) Glowing
83. What is the opposite of 'wrong headed' ?  
 (i) Silly (ii) Sane  
 (iii) Insane (iv) Insensible
84. If you have roses growing in your garden, you can make a lovely \_\_\_\_\_ of flowers at home.  
 (i) Bouquette (ii) Bucquette  
 (iii) Bouquete (iv) Bouquet
85. In times of crisis, people usually think \_\_\_\_\_ God.  
 (i) of (ii) about  
 (iii) with (iv) over
86. I sat \_\_\_\_\_ the table to eat.  
 (i) on (ii) in  
 (iii) at (iv) by
87. Are you taller than Shobha ? No, but I am \_\_\_\_\_.  
 (i) Taller (ii) Tallest  
 (iii) Almost as tall (iv) As taller
88. She went to office \_\_\_\_\_ six months.  
 (i) For (ii) Since  
 (iii) Until (iv) Till
89. Shalu got injured as she was \_\_\_\_\_ by a car.  
 (i) Knocked at  
 (ii) Pushed down

- (iii) Knocked down  
 (iv) Pulled down
90. Choose the correct spelling :  
 (i) Assumption  
 (ii) Assumption  
 (iii) Assamption  
 (iv) Ajumption
91. A group of goats is known as :  
 (i) Herd (ii) Heard  
 (iii) Hard (iv) Hoard
92. Mahatma Gandhi's martyrdom day is \_\_\_\_\_ on January 30.  
 (i) Celebrated  
 (ii) Commiserated  
 (iii) Commemorated  
 (iv) Observed
93. She can speak both English and her mother tongue \_\_\_\_\_.  
 (i) Fluidly (ii) Fluently  
 (iii) Fervently (iv) Frequently
94. A good teacher \_\_\_\_\_ students to achieve good results.  
 (i) Emulates (ii) Mobilises  
 (iii) Motivates (iv) Improvises
95. The fireworks display was so bright that it \_\_\_\_\_ the entire sky.  
 (i) Illuminated  
 (ii) Decorated  
 (iii) Polluted  
 (iv) Coloured
96. The \_\_\_\_\_ person kept asking questions about everything.  
 (i) Imperceptible  
 (ii) Inquisitive  
 (iii) Imprudent  
 (iv) Inquisition
97. The teacher did not believe the student's excuse that the dog ate his homework. She accused the student of \_\_\_\_\_.  
 (i) Explanation  
 (ii) Fabrication  
 (iii) Rationalisation  
 (iv) Ambivalence
98. Choose the wrongly spelt word :  
 (i) Reverence  
 (ii) Defference  
 (iii) Reference  
 (iv) Difference
99. You must try to be \_\_\_\_\_ for the appointment.  
 (i) On time  
 (ii) At time  
 (iii) Over time  
 (iv) Before time
100. The children \_\_\_\_\_ in the evening but now they are studying.  
 (i) Played  
 (ii) Were playing  
 (iii) Are playing  
 (iv) Have been playing

## ANSWERS

1. (ii) :  $\frac{10-x}{2} = 3$   
 $\Rightarrow 10 - x = 6$   
 $\Rightarrow x = 10 - 6 = 4$
2. (ii) : Selling price = Rs. 100  
 Discount = 20%  
 Original sale price  
 $= \frac{100}{80} \times 100 = \text{Rs. } 125$
3. (i) : Let the numbers be x and y.  
 $x + y = 4(x - y)$   
 $\Rightarrow x + y = 4x - 4y$   
 $5y = 3x$   
 or  $\frac{x}{y} = \frac{5}{3}$
4. (ii) :  $? = 6 - 3(6 - 3)$   
 $= 6 - 3 \times 3$   
 $= 6 - 9 = -3$
5. (i) :  $? = 10^3 \times (5 \times 2)^{-3}$   
 $= 10^3 \times 10^{-3}$   
 $= 10^{3-3} = 10^0 = 1$
6. (iv)
7. (i) : Sum of the numbers from 1 to 59  
 $= \frac{59 \times 60}{2} = 1770$
8. (iv) : The sequence is  
 $+ 3, + 6, + 12, + 24, + 48$   
 $50 + 48 = 98$
9. (ii)
10. (ii) :  $D > C > A > B$   
 $E > B$   
 B earns the least
11. (iii) 12. (iii) 13. (iii) 14. (ii)  
 15. (ii) 15. (ii) 16. (i) 17. (iii)  
 18. (iii) 19. (iv) 20. (i) 21. (i)  
 22. (ii) 23. (iii) 24. (ii) 25. (ii)  
 26. (ii)
27. (i) and (ii) Glasgow in Scotland  
 28. (ii) 29. (i) 30. (iii) 31. (i)  
 32. (ii) 33. (iii) 34. (iv) 35. (i)  
 36. (i) 37. (ii) 38. (iv) 39. (i)  
 40. (ii) 41. (i) 42. (i) 43. (iv)  
 44. (iii) 45. (iii) 46. (ii) 47. (ii)  
 48. (iii) 49. (i) 50. (ii) 51. (iv)  
 52. (i) 53. (i) 54. (i) 55. (i)  
 56. (iii) 57. (i) 58. (iv) 59. (iv)  
 60. (iii) 61. (iv) 62. (iii) 63. (iv)  
 64. (iii) 65. (iii) 66. (iii) 67. (iii)  
 68. (ii) 69. (ii)
70. (iv) :  $40 \text{ ft} \times 20 \text{ ft}$   
 71. (i) 72. (ii) 73. (iii) 74. (iii)  
 75. (iii) 76. (iii) 77. (ii) 78. (i)  
 79. (i) 80. (i) 81. (iv) 82. (ii)  
 83. (ii) 84. (iv) 85. (i) 86. (iii)  
 87. (iii) 88. (i) 89. (iii) 90. (ii)  
 91. (i) 92. (iv) 93. (ii) 94. (iii)  
 95. (i) 96. (ii) 97. (ii) 98. (ii)  
 99. (i) 100. (i)