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Indian Army Havildar Sample Paper

Indian Army Havildar sample paper

COMMON ENTRANCE EXAMINATION FOR SOLDIER Havildar

TIME - 2 HR. | QUESTIONS - 100

ALL QUESTIONS ARE COMPULSORY AND CARRY EQUAL MARKS

01. Who is the deputy chairman of planning commission?
a. Prime minister
b. Finance minister
c. Commerce minister
d. None of these

02. Which state stands first in the length of roads in the country?
a. Maharashtra
b. Uttar Pradesh
c. Madhya Pradesh
d. Rajasthan

03. India's GDP mainly depends upon
a. Agriculture
b. Industry
c. Small Scale Industry
d. None of These

04. Where is the oldest Working refinery?
a. Bahamas
b. Basra
c. Digboi
d. Texas

05. The north wales cup is associated with the sport of?
a. Shooting
b. Rugby
c. Tennis
d. Cricket

06. Who is known as the 'Lady with the lamp'?
a. Sarojini Naidu
b. Joan of Arc
c. Mother Teresa
d. Florence Nightingale

07. In C.S.I.R., I stand for?
a. India
b. Industrial
c. Investment
d. Instrument.

08. 'Deuce' is associated with the game
a. Polo
b. Tennis
c. Boxing
d. Football

09. National Dairy Research Institute is located at?
a. Karnal
b. Patiala
c. Barnala
d. Ahmedabad

10. The speed of laser printer is measured in?
a. PPM
b. DPM
c. CPS
d. DPS

11. First super computer of India is?
   a. Anand
   b. PC386
   c. Param
   d. Pentium

12. PC Stands for?
   a. Private Computer
   b. Personal Computer
   c. Professional Computer
   d. Personal Calculator

13. Which is the most industrialized and urbanized state in India?
   a. Gujarat
   b. Maharashtra
   c. Haryana
   d. Punjab

14. Income that is saved and not invested is known as?
   a. Capital
   b. Hoarding
   c. Deposit
   d. None of these

15. Which of the following is a direct tax?
   a. Excise Duty
   b. Sales Tax
   c. Motor Taxes
   d. Income Tax.

16. Planning commission was setup in?
   a. 1949
   b. 1950
   c. 1951
   d. 1952

17. Shanti Niketan is associated with?
   a. J. L. Nehru
   b. M. K. Gandhi
   c. R.N. Tagore
   d. Vivekananda

18. Which of the following is associated with Alfat Hussain?
   a. Pakistan Army
   b. Muhazir Kaumi Movement
   c. Iran Army
   d. Secretary Agency ISI of Pakistan

19. Magsaysay Award for International peace and understanding is given by the country?
   a. India
   b. Russia
   c. Philippines
   d. Japan

20. Pulitzer Award is given for?
   a. Peace
   b. Press
   c. Gallantry
   d. Sports

21. The deepest ocean of the world is?
   a. Atlantic Ocean
   b. Pacific Ocean
   c. Indian Ocean
   d. Arctic Ocean

22. National Defence Academy is located at?
   a. Dehradun
   b. Cochin
   c. Khadakwasla
   d. Secunderabad

23. Largest river bridge in India Is?
   a. Gandhi Setu (Patna)
   b. Chennai
   c. Delhi
   d. Calcutta

24. Army day is on?
   a. 15 January
   b. 8 October
   c. 4 December
   d. 9 December

25. The Dalal street is at?
   a. Mumbai
   b. Delhi
   c. Chennai
   d. Calcutta

26. The verb of coagulator is?
   a. Coagulate
   b. Coagulable
   c. Coagulation
   d. Coagulative

27. The verb of terror is?
   a. Terror
   b. Terrible
   c. Terrify
   d. Terribly

28. The noun of Duplicate is?
   a. Duplicable
   b. Duplication
   c. Duplicare
   d. Duplicator

29. I know to …… you are alluding.
   a. Which
   b. Who
   c. Whom
   d. They

30. I know …… you are speaking.
   a. Which
   b. Who
   c. What
   d. That

31. He is known to my brother and ……
   a. Me
   b. I
   c. She
   d. They

32. Delhi is …… from Rewari than Gurgaon.
   a. Further
   b. Older
   c. Farther
   d. Oldest

33. We expect to get the …… news in a few hours.
   a. Elder
   b. Last
   c. Later
   d. Latest

34. Who was the …… general Alexander or Caesar?
   a. Great
   b. Greater
   c. Greatest
   d. None

35. …… Short poems in the volume show signs of genius.
   a. Few
   b. The few
   c. A little
   d. A few

36. He walks …… he were slightly lame.
   a. If
   b. As if
   c. Since
   d. But

37. …… The boy was beaten badly, he left the institute.
   a. If
   b. Since
   c. And
   d. Though

38. Bolu …… Vithal are good bowlers.
   a. But
   b. And
   c. Nor
   d. Or

39. He is despaired ……. His success in the examination.
   a. For
   b. Of
   c. Against
   d. About

40. The operation was accompanied ……. No pain.
   a. From
   b. Of
   c. With
   d. To

41. Child marriage is a great hindrance …… his further studies.
   a. Against
   b. On
   c. For
   d. To

Choose the correct antonym:
42. Nadir
   a. Modernity
   b. Zenith
   c. Liberty
   d. Progress

43. Culpable
   a. Defendable
   b. Blameless
   c. Careless
   d. Irresponsible

44. Affirm
   a. Refuse
   b. Negate
   c. Neglect
   d. Avoid

45. Erudite
   a. Immature
   b. Ignorant
   c. Unimaginative
   d. Professional

Choose the correct synonym:
46. Alert
   a. Hostile
   b. Watchful
   c. Brave
   d. Quick

47. Menace
   a. Request
   b. Prayer
   c. Threat
   d. Curse

48. Transparent
   a. Verbose
   b. Involved
   c. Witty
   d. Lucid

49. Delegate
 a. Participant
 b. Representative
 c. Member
 d. Officer

50. One who hates mankind?
 a. Philanthropist
 b. Terrorist
 c. Misanthrope
 d. Misogynist

51. Dimensions of electromotive force are?
 a. MLQ
 b. ML^2T^2
 c. ML^2Q^{-2}
 d. $ML^2T^{-3}A^{-1}$

52. 'Thermal' neutrons have energy equal to?
 a. 2.5eV
 b. 0.25eV
 c. 0.025eV
 d. 0.0025eV

53. What is the frequency of a wave whose time period is 0.05 second?
 a. 5Hz
 b. 10Hz
 c. 20Hz
 d. 40Hz

54. The radius of curvature of a plane mirror
 a. Is zero
 b. Is Infinity
 c. Can be anywhere between zero and infinity
 d. None of the above

55. The image formed on the retina of a human eye is
 a. Virtual and inverted
 b. Virtual and erect
 c. Real and erect
 d. Real and inverted

56. The distance of distinct vision for a normal human eye?
 a. Is 60 cm
 b. Is 25 cm
 c. Is 15 cm
 d. Varies from individual in individual

57. The utility of a safety fuse in an electric circuit depends on its low?
 a. Melting point
 b. Strength
 c. Resistivity
 d. Conductivity

58. The ratio of the rms value to the peak value of an alternating current is?
 a. 2/1
 b. 1/2
 c. 2/2
 d. 1/22

59. The bright heavenly body with a long luminous tail is called?
 a. Planet
 b. Constellation
 c. Comet
 d. Satellite

60. Which type of cell can be used if a device requires 75 A of current for 15 seconds?
 a. Simple voltaic cell
 b. Daniel cell
 c. Leclanche cell
 d. Lead -acid cell

61. Which one of the following elements does not have two electrons in the k-shell?

a. Hydrogen
b. Helium
c. Neon
d. Sulphur

62. An atom has 7 electrons in its M-Shell and contains 18 neutrons in its nucleus. What is its Mass number?

a. 25
b. 27
c. 35
d. 43

63. Which one among the following radiations carry maximum energy?

a. Ultraviolet rays
b. Gamma rays
c. X-rays
d. Infra-red rays

64. Which one of the following elements is the poorest conductor of heat?

a. Sodium
b. Lead
c. Zinc
d. Mercury

65. Which one of the following elements does not have allotropic forms?

a. Oxygen
b. Nitrogen
c. Sulphur
d. Phosphorus

66. Which one among the following is the most unreactive gas?

a. Hydrogen
b. Oxygen
c. Carbon dioxide
d. Nitrogen

67. The oxide of which of the following elements is used as a coolant?

a. Silicon
b. Nitrogen
c. Carbon
d. Phosphorous

68. Which gas is responsible for the swelling of bread?

a. Oxygen
b. Carbon monoxide
c. Carbon dioxide
d. Ammonia

69. What is iodized table salt?

a. An element
b. A compound
c. A heterogeneous mixture
d. A homogeneous mixture

70. Which one of the following is a polysaccharide?

a. Nylon
b. Amylose
c. Ribose
d. Polyethylene

71. A tissue is a group of cells having similar?

a. Origin and function
b. Origin, structure and function
c. Origin and structure
d. Structure and function

72. Which one of the following helps in intracellular digestion?

a. Golgi
b. Plasma membrane
c. Endoplasmic reticulum
d. Lysosomes

73. The Hepatitis-B, which affects liver, is actually a
a. Virus
b. Bacterium
c. Protozoan
d. Helminth

74. Which one of the following diseases is not Prevalent in India?
a. Hepatitis
b. Fluorosis
c. Yellow fever
d. Meningitis

75. The deficiency of vitamin C in diet will lead to?
a. Night Blindness
b. Beriberi
c. Scurvy
d. Insomnia

76. Which one of the following is an increase in the concentration of blood sugar?
a. Hormone
b. Insulin
c. Glucagon
d. Enzyme

77. In human body, the pancreas secretes its enzymes into which one of the following?
a. Duodenum
b. Ileum
c. Jejunum
d. Stomach

78. To which one of the following types of organism do mushrooms belong?
a. Algae
b. Ferns
c. Fungi
d. Lichens

79. Which among the following planets is smaller is size than the Earth?
a. Neptune
b. Venus
c. Saturn
d. Uranus

80. In the plant body, the water and minerals are transported by?
a. Bast
b. Collenchyma
c. Parenchyma
d. Xylem

81. A name used to identify storage location?
a. Address
b. Record
c. File
d. None of these

82. which integrated circuit is known as brain of a Computer
a. Motherboard
b. Memory
c. Microprocessor
d. None of these

83. RAM chip was invented by?
a. Intel
b. Motorola
c. IBM
d. None of these

84. Microprocessor is placed on?
a. Memory
b. Motherboard
c. Network Interface Card
d. None of these

85. On the Key-board, the key you press to finalize a command or entry is
a. Enter
b. Escape
c. Control
d. Insert

86. DVD is an acronym for
   a. Digital Video disk
   b. Dynamic Video Disk
   c. Digital Versatile Disk
   d. Digital Video Drive

87. The shortcut for replacing a word with another is
   a. Ctrl+ H
   b. Ctrl+ A
   c. Ctrl+ C
   d. None of these

88. The Internet uses which protocol
   a. TCP/IP
   b. CSMA
   c. X.25
   d. None of these

89. A list of instructions is classified as-
   a. Software
   b. Hardware
   c. Programme
   d. data

90. How many columns are there in a spread sheet
   a. 256
   b. 16494
   c. 125
   d. 265

91. Which one of the following is correct?
   a. $A \cup P(A) = P(A)$
   b. $A \cap P(A) = A$
   c. $A - P(A) = A$
   d. $P(A) - \{A\} = P(A)$

92. The order of a set A is 3 and that of a set B is 2. What is the number of relations from A to B?
   a. 4
   b. 6
   c. 32
   d. 64

93. If A and B are subsets of a set X, then what is $(A \cap (X - B)) \cup B$ Equal to?
   a. $A \cup B$
   b. $A \cap B$
   c. A
   d. B

94. If ω denotes the cube root of unity, then what is the real root of the equation $x^3 - 27 = 0$?
   a. 3ω
   b. $3\omega^2$
   c. 3ω
   d. $3\omega^3$

95. What is one of the values of:
   $\sqrt{i} + \sqrt{-i}$?
   a. $\sqrt{2}$
   b. 0
   c. $\pm \frac{1+i}{\sqrt{2}}$
   d. $\pm \frac{1-i}{\sqrt{2}}$

96. In how many ways can the letters of the word CORPORATION be arranged so that vowels always occupy even places?
   a. 120
   b. 2700
   c. 720
   d. 7200

97. There are four chairs with two chairs in each row. In how many ways can four persons be seated on the chairs, so that no chair remains unoccupied?
   a. 6
   b. 12
   c. 24
   d. 48

98. What is the coefficient of x^3 in
   $$\frac{(3 - 2x)}{(1 + 3x)^3}?$$
   a. -272
   b. -540
   c. -870
   d. -918

99. What is the sum of the coefficients of all the terms in the expansion of $(45x - 49)^4$?
   a. -256
   b. -100
   c. 100
   d. 256

100. What is the sum of all natural numbers between 200 and 400 which are divisible by 7?
   a. 6729
   b. 8712
   c. 8729
   d. d. 9276

Answer Key:

1. (d) ✓ **2.** (a) ✓ **3.** (a) ✓ **4.** (c) ✓ **5.** (a) ✓ **6.** (d) ✓ **7.** (b) ✓ **8.** (b) ✓ **9.** (a) ✓ **10.** (a) ✓ **11.** (c) ✓

12. (b) ✓ **13.** (b) ✓ **14.** (c) ✓ **15.** (d) ✓ **16.** (b) ✓ **17.** (c) ✓ **18.** (b) ✓ **19.** (c) ✓ **20.** (b) ✓ **21.** (b) ✓

22. (c) ✓ **23.** (a) ✓ **24.** (a) ✓ **25.** (a) ✓ **26.** (a) ✓ **27.** (c) ✓ **28.** (b) ✓ **29.** (c) ✓ **30.** (c) ✓ **31.** (b) ✓

32. (c) ✓ **33.** (d) ✓ **34.** (a) ✓ **35.** (d) ✓ **36.** (b) ✓ **37.** (b) ✓ **38.** (b) ✓ **39.** (b) ✓ **40.** (d) ✓ **41.** (d) ✓

42. (b) ✓ **43.** (b) ✓ **44.** (b) ✓ **45.** (b) ✓ **46.** (b) ✓ **47.** (c) ✓ **48.** (d) ✓ **49.** (b) ✓ **50.** (c) ✓ **51.** (d) ✓ **52.** (c)

✓ **53.** (c) ✓ **54.** (b) ✓ **55.** (d) ✓ **56.** (b) ✓ **57.** (a) ✓ **58.** (d) ✓ **59.** (c) ✓ **60.** (d) ✓ **61.** (a) ✓

62. (c) ✓ **63.** (b) ✓ **64.** (b) ✓ **65.** (b) ✓ **66.** (d) ✓ **67.** (c) ✓ **68.** (c) ✓ **69.** (b) ✓ **70.** (b) ✓ **71.** (b) ✓

72. (d) ✓ **73.** (a) ✓ **74.** (c) ✓ **75.** (c) ✓ **76.** (c) ✓ **77.** (a) ✓ **78.** (b) ✓ **79.** (b) ✓ **80.** (d) ✓ **81.** (a) ✓

82. (c) ✓ **83.** (a) ✓ **84.** (b) ✓ **85.** (a) ✓ **86.** (c) ✓ **87.** (a) ✓ **88.** (a) ✓ **89.** (a) ✓ **90.** (a) ✓ **91.** (b) ✓

92. (d) ✓ **93.** (a) ✓ **94.** (d) ✓ **95.** (a) ✓ **96.** (d) ✓ **97.** (c) ✓ **98.** (d) ✓ **99.** (d) ✓ **100.** (c) ✓

Jai Hind

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