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# Indian Army Havildar Sample Paper

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# 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. According to whom, the original home of the Aryans was central Asia?**

- a. G.B. Tilak
- b. Max Muller
- c. Samaveda
- d. Upanishada

**02. In which state 'kanya vidyadhan yojana' is operational?**

- a. Uttar Pradesh
- b. Madhya Pradesh
- c. Rajasthan
- d. Haryana

**03. First five-year plan was launched on?**

- a. April, 1951
- b. Dec, 1951
- c. 1952
- d. 1950

**04. FIFA Headquarter is?**

- a. Paris
- b. London
- c. New York
- d. Zurich

**05. Black gold is?**

- a. Coal
- b. Petroleum
- c. Iron
- d. Diamond

**06. Which is the largest bird in the world?**

- a. Ostrich
- b. Peacock
- c. Swift
- d. Parrot

**07. The bird that cannot fly is?**

- a. Mallard
- b. Peacock
- c. Kiwi
- d. Swift

**08. The quit India Movement was against which of the following country?**

- a. France
- b. Russia
- c. England
- d. Holland

**09. Which type of stone the Taj Mahal is made of?**

- a. Red Marble
- b. White Marble
- c. Sly stone
- d. Dhalpur stone

**10. Salar jung museum is at?**

- a. Hyderabad
- b. Mysore
- c. Bangalore
- d. Delhi

**11. Who is known as father of Computer?**

- a. Bill gates
- b. Charles babbage
- c. Alan Tuning
- d. Johan Jeuring

**12. Who made the first computer program?**

- a. Bill gate
- b. Ada Loveless
- c. Newman
- d. Einstein

**13. Development means economic growth plus?**

- a. Inflation
- b. Deflation
- c. Social change
- d. Price stability

**14. which product is the largest net foreign Exchange earner for India?**

- a. Leather articles
- b. Diamond Jewellery
- c. Textiles
- d. Tea

**15. Who give the slogan 'Inquilab Zindabad'?**

- a. Subhas Chandra Bose
- b. Chandra Sekhar Azad
- c. Bhagat Singh
- d. Raj guru

**16. Who is known as the famous cartoon artist?**

- a. Kashava Shankar Pillai
- b. A. k. Haldar
- c. Mirza Galib
- d. Kuldip Nayar

**17. Who is known as frontier Gandhi?**

- a. M. K. Gandhi
- b. Liyakat Ali
- c. Khan Abdul Gaffar Khan
- d. M. A. Jinnah

**18. Distance between the pitches of cricket is?**

- a. 20.12m
- b. 20.5m
- c. 23.12m
- d. 19.5m

**19. Sir Donald Bradman was from the country?**

- a. England
- b. New Zealand
- c. Australia
- d. West-Indies

**20. Booker of Bookers award is given for?**

- a. Literature
- b. Films
- c. Medicine
- d. Sports

**21. Economics was included in the Nobel prize in?**

- a. 1969
- b. 1961
- c. 1972
- d. 1975

**22. The longest river in the world is?**

- a. Amazon
- b. Nile
- c. Ganga
- d. Hwang Ho

**23. The capital of Finland is?**

- a. Vienna
- b. Budapest
- c. Helsinki
- d. None of these

**24. Which of the following is not a naval training center?**

- a. Bangalore
- b. Cochin
- c. Mumbai
- d. Bhubaneswar

**25. Who was the first lady governor of a state?**

- a. Annie Basent
- b. Sarojini Naidu
- c. Suchita
- d. Vijai Laxmi

**Worry is a state of mind based upon fear. It works slowly, but persistently. It is crafty and subtle. Step by step it digs itself until it paralyses one's reasoning faculty, destroys self - confidence and initiative. Worry is a form of sustained fear caused by indecision; therefore, it is a state of mind which can be controlled.**

**26. The writer's conclusion is that worry**

- a. Is based upon fear
- b. Can be controlled
- c. Is a form of sustained fear
- d. Works slowly

**27. Worry is a subtle agent that**

- a. Cripples one's capacity to think
- b. Sustains fear
- c. Leads to indecision
- d. Leads to unhappiness

**28. Worry is ultimately caused by**

- a. Sustained fear
- b. Loss of self confidence
- c. Loss of initiative
- d. Indecision

**29. When the author says that worry destroys 'initiative', he means that it.**

- a. Destroys man's strength
- b. Kills the joy in him
- c. Kills his capacity to see what is necessary
- d. Makes him fearful

**30. In this passage, the author**

- a. Advises us to cast off fear from our mind
- b. Advises us to be on our guard against worry
- c. Tell us how to develop self confidence
- d. Gives us useful information about worry

**31. The noun of poor is?**

- a. Poverty
- b. Poor
- c. Impoverish
- d. Poorly

**32. The adjective of Admit is?**

- a. Admission
- b. Admitted
- c. Admit
- d. Admittedly

**33. Rama and ..... were present.**

- a. Me
- b. I
- c. Them
- d. They

**34. You know that as well as .....**

- a. Me
- b. I
- c. Them
- d. Him

**35. He plays the game ..... he likes best.**

- a. Which
- b. Who
- c. As
- d. They

**36. He is the ..... of the two.**

- a. Taller
- b. Tallest
- c. Tall
- d. None

**37. She is the ..... of the two sisters.**

- a. Elder
- b. Older
- c. Latest
- d. Oldest

**38. .... Americans have their offices in Kolkata.**

- a. Few
- b. The few
- c. A little
- d. A few

**39. He looks ..... he were weary.**

- a. If
- b. As if
- c. Since
- d. But

**40. I need an umbrella ..... it is raining.**

- a. But
- b. Because
- c. Though
- d. If

**41. The new student asked the old one, "Do you know my name?"**

- a. The new student asked the old one if he knew his name.
- b. The new student asked the old one that whether he knew his name.
- c. The new student asked the old one did he know his name
- d. The new student asked the old one if he know his name.

**42. I did not trust anybody.**

- a. Nobody was trusted by me.
- b. Anybody had been trusted by me.
- c. Nobody would be trusted by me.
- d. Nobody has been trusted by me.

**43. You are requested to permit him.**

- a. Please permit him.
- b. I request you to permit me.
- c. He requests to permit him.
- d. I plead you to permit him.

**44. His friend disagreed ..... him on this point.**

- a. With
- b. From
- c. On
- d. To

**45. We should rely ..... our own efforts.**

- a. With
- b. On
- c. For
- d. To

**46. Enigmatic (Antonyms)**

- a. Simple
- b. Reticent
- c. Plain
- d. Nervous

**47. Capricious (Antonyms)**

- a. Firm
- b. Fickle
- c. Indefinite
- d. Defiant

**48. Detrimental (Synonym)**

- a. Deplorable
- b. Fundamental
- c. Harmful
- d. Disgraceful

**49. Dulcet (Synonym)**

- a. Sweet
- b. Dull
- c. Hard
- d. Sour

**50. Bitter and violent attack in words.**

- a. Diaspora
- b. Diacriticism
- c. Diadem
- d. Diatribe

**51. One micron is equal to?**

- a.  $10^{-6}$ m
- b.  $10^{-5}$ m
- c.  $10^{-4}$ m
- d.  $10^{-3}$ m

**52. Mho is a unit of?**

- a. Potential difference
- b. Current
- c. Specific resistance
- d. Conductance

**53. A jet engine works on the principle of conservation of?**

- a. Linear momentum
- b. Angular momentum
- c. Energy
- d. Mass

**54. Bernoulli's equation pertains to the?**

- a. Flow of electric current
- b. Flow of heat
- c. Flow of liquids
- d. Photoelectric effect

**55. The surface temperature of the sun is nearly**

- a. 2000k
- b. 4000k
- c. 6000k
- d. 8000k

**56. the quality of a musical note depends upon**

- a. Its amplitude
- b. Its frequency
- c. The wave velocity
- d. Its harmonic content

**57. Which one among the following is not produced by sound waves in air?**

- a. Polarization
- b. Diffraction
- c. Reflection
- d. Refraction

**58. In vacuum, the speed of light.**

- a. Depends on its wavelength
- b. Depends on its frequency
- c. Depends on its intensity
- d. Neither depends on its wavelength, frequency nor intensity

**59. Propagation of light quanta may be described by?**

- a. Photons
- b. Protons
- c. Neutrons
- d. Electrons

**60. The wavelength of x-rays is of the order of?**

- a. 1 mm
- b. 1 cm
- c. 1 micro
- d. 1 angstrom

**61. The number of neutrons in  ${}_{13}\text{Al}^{27}$  is?**

- a. 40
- b. 27
- c. 14
- d. 13

**62. Which one of the following is the most abundant element in the universe?**

- a. Nitrogen
- b. Hydrogen
- c. Oxygen
- d. Silicon

**63. Consider the following elements?**

- 1. Copper
- 2. Gold
- 3. Platinum
- 4. Silver

**Which of the above elements exist free in nature?**

- (a) 1 and 2
- (b) 2 and 3
- (c) All
- (d) None

**64. What is an iodized table salt?**

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

**65. Alum is used as?**

- a. An analgesic
- b. A fertilizer
- c. A disinfectant
- d. A purifier for water

**66. What is the percentage of lead in lead pencil?**

- a. 0%
- b. 25%
- c. 50%
- d. 100%

**67. 2240 ml of  $NH_3$  gas at N.T.P. will weigh?**

- a. 34.0 g
- b. 17.0 g
- c. 8.5 g
- d. 1.7 g

**68. How many moles are there in 140 g of silicon?**

- a. 5
- b. 10
- c. 28
- d. 140

**69. Which one among the following is the most unreactive gas?**

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

**70. Which of the following molecules has zero dipole moment?**

- a.  $H_2O$
- b.  $CO_2$
- c.  $NH_3$
- d.  $SO_2$

**71. Which one of the following helps in protein synthesis?**

- a. Mitochondria
- b. Ribosomes
- c. E.R.
- d. Golgi-bodies

**72. Consider the following types of cells?**

- 1. Eosinophil
- 2. Lymphocyte
- 3. Monocyte
- 4. Neutrophil

**Which of the following are white blood corpuscles?**

- a. 1 and 2
- b. 1, 2 and 4
- c. 3 and 4
- d. 1, 2, 3 and 4

**73. Consider the following**

1. Blood
2. Bone
3. Ligaments
4. Tendons

**Which of these are connective tissues?**

- a. 1, 2, 3 and 4
- b. 1 and 2
- c. 2 and 3
- d. 3 and 4

**74. Which among the following is the richest source of ascorbic acid?**

- a. Apple
- b. Bean
- c. Carrot
- d. Guava

**75. The natural dye present in turmeric is known as?**

- a. Cinnamin
- b. Phenolphthalein
- c. Methyl orange
- d. Curcumin

**76. What is the number of chromosomes present in a man?**

- a. 46
- b. 58
- c. 32
- d. 16

**77. Which one of the following is not an enzyme?**

- a. Ptyalin
- b. Pepsin
- c. Trypsin
- d. Oxytocin

**78. Biological Catalysts in living organisms are known as**

- a. Hormones
- b. Vitamins
- c. Steroids
- d. Enzymes

**79. Cure to spinal injury is likely to emerge from?**

- a. Gene therapy
- b. Stem cell therapy
- c. Xenograft
- d. Transfusion

**80. Which one of the following plants produces seeds but not fruits?**

- a. Almond
- b. Cycas
- c. Groundnut
- d. Mustard

**81. The speed of modem is measured in?**

- a. Gbps
- b. Mbps
- c. Tbps
- d. bps

**82. Modem means?**

- a. Modulator
- b. Demodulator
- c. Modulator/ Demodulator
- d. None of these

**83. The mind and heart of the computer is?**

- a. CD
- b. CPU
- c. Monitor
- d. Keyboard



**84. A Character is represented in EBCDIC by?**

- a. 2 bits
- b. 4 bits
- c. 8 bits
- d. 16 bits

**85. Pages available on web are written in**

- a. HTTP
- b. HTML
- c. Binary
- d. None of these

**86. What is the diameter of CD-ROM**

- a. 10cm
- b. 16cm
- c. 12cm
- d. None of these

**87. Network topology may be?**

- a. Bus
- b. Ring
- c. Star
- d. All of these

**88. .... is Internet address**

- a. ALU
- b. URL
- c. Registers
- d. None of these

**89. Working of the WAN generally involves.**

- a. Satellite
- b. Frame Delay
- c. ATM
- d. All of the above

**90. The first microprocessor built by the intel corporation was called.....**

- a. 8008
- b. 8080
- c. 4004
- d. 8800

**91. If the lines  $3y+4x=1$ ,  $y=x+5$  and  $5y+bx=3$  are concurrent, then what is the value of b?**

- a. 1
- b. 3
- c. 6
- d. 0

**92. What is the number of planes passing through three non-collinear points?**

- a. 3
- b. 2
- c. 1
- d. 0

**93. which one of the following planes contains the z-axis?**

- a.  $x-z = 0$
- b.  $z + y = 0$
- c.  $3x+2y = 0$
- d.  $3x+2z=0$

**94. Under what condition will the angle between two regression lines become zero?**

- a.  $r=0$
- b. only when  $r=+1$
- c. only when  $r=-1$
- d.  $r= \pm 1$

**95. By Bayes' theorem, which one of the following probabilities is calculated?**

- a. Prior probability
- b. Likelihood probability
- c. Posterior probability
- d. Conditional probability

96. Which of the following number is nearest to the probability that three randomly selected persons are born on three different days of the week?

- a. 0.7
- b. 0.6
- c. 0.5
- d. 0.4

97. One radian is approximately equal to which one of the following?

- a.  $90^\circ$
- b.  $180^\circ$
- c.  $57^\circ$
- d.  $47^\circ$

98. The angle of elevation of the tip of a flag post from a point 5 m away from its base is  $75^\circ$  what is the approximate height of the flag post?

- a. 15m
- b. 17m
- c. 19m
- d. 21m

99. What is  $\text{Arg}(bi)$  Where  $b > 0$ ?

- a. 0
- b.  $\frac{\pi}{2}$
- c.  $\pi$
- d.  $\frac{3\pi}{2}$

100. What is the modulus of  $\frac{1+2i}{1-(1-i)^2}$

- a. 1
- b.  $\sqrt{5}$
- c.  $\sqrt{3}$
- d. 5

### Answer Key:

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

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

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

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

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

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

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

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

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

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



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