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AGNIPATH SCHEME

INDIAN ARMY AGNIVEER G.D.

PHASE I Online Computer Based Written Exam (CEE)

50 Practice Sets



with OFFICIAL ONLINE PRACTICE TEST (SOLVED)

Practice Sets Designed as Per Latest Syllabus & Exam Pattern

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Compiled & Edited by
Arihant Expert Team

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CONTENTS

OFFICIAL ONLINE PRACTICE TEST **1-10**

50 PRACTICE SETS

- Practice Set 1 1-5
- Practice Set 2 6-10
- Practice Set 3 11-15
- Practice Set 4 16-20
- Practice Set 5 21-25
- Practice Set 6 26-30
- Practice Set 7 31-35
- Practice Set 8 36-40
- Practice Set 9 41-45
- Practice Set 10 46-50
- Practice Set 11 51-55
- Practice Set 12 56-60
- Practice Set 13 61-65
- Practice Set 14 66-70
- Practice Set 15 71-75
- Practice Set 16 76-80
- Practice Set 17 81-85
- Practice Set 18 86-91
- Practice Set 19 92-96
- Practice Set 20 97-101
- Practice Set 21 102-106
- Practice Set 22 107-112
- Practice Set 23 113-118
- Practice Set 24 119-123

- Practice Set 25 124-128
- Practice Set 26 129-133
- Practice Set 27 134-138
- Practice Set 28 139-143
- Practice Set 29 144-148
- Practice Set 30 149-153
- Practice Set 31 154-158
- Practice Set 32 159-163
- Practice Set 33 164-168
- Practice Set 34 169-173
- Practice Set 35 174-178
- Practice Set 36 179-183
- Practice Set 37 184-188
- Practice Set 38 189-193
- Practice Set 39 194-198
- Practice Set 40 199-203
- Practice Set 41 204-208
- Practice Set 42 209-213
- Practice Set 43 214-218
- Practice Set 44 219-223
- Practice Set 45 224-228
- Practice Set 46 229-233
- Practice Set 47 234-237
- Practice Set 48 238-242
- Practice Set 49 243-247
- Practice Set 50 248-252

SYLLABUS

General Knowledge

The test will include questions relating to India and its neighboring countries especially pertaining to History, Culture, Geography and who's who. In addition Abbreviations, Sports, Awards and Prizes, Terminology, Indian Armed Forces, Continents and Sub Continents, Inventions and Discoveries, The Constitution of India, International Organizations, Books and Authors, Knowledge of Important events that have happened in India and at world level in the recent years, Current important world events, Prominent personalities etc.

General Science

Question of General Science will include topic related to Physics, Chemistry and Biology. based on fundamentals and day to day activities(i.e, difference between the living and non- living, basis of life - cells, protoplasms and tissues, growth and reproduction in plants and animals, elementary knowledge of human body and its important organs, common epidemics, their causes and prevention etc).

Mathematics

(i) **Number Systems** Computation of Whole Number, Decimal and Fractions, Relationship between numbers

(ii) **Fundamental Arithmetical Operations** HCF, LCM, Decimal fraction, Percentages, Ratio and Proportion, Square roots, Averages, Interest (Simple and Compound), Profit and Loss, Discount, Partnership Business, Time and distance, Time and work.

(iii) **Algebra** Basic algebraic problems

(iv) **Geometry** Familiarity with elementary geometric figures and facts.

(v) **Mensuration** Triangle, Quadrilaterals, Regular Polygons, Circle etc

(vi) **Trigonometry** Trigonometry, trigonometric ratios, complementary angles, height and distances etc

Logical Reasoning

The questions will be based on the logical ability of the candidates of age group ranging between 16 to 20 years.

INDIAN ARMY

AGNIVEER

Official Online

PRACTICE TEST

Indian Army

Agniveer General Duty

Official Online Practice Test

1. Who was the tenth and the last Guru of the Sikhs?
(a) Guru Hargobind Dev (b) Guru Gobind Singh
(c) Guru Arjan Dev (d) Guru Nanak Dev

2. Who wrote the Arthashastra?
(a) Chanakya (b) Banabhatta
(c) Aryabhatta (d) None of these

3. The famous book 'Geet Govind' was written by
(a) Kalidas (b) Banabhatta
(c) Jayadev (d) Mirabai

4. Where is the Headquarter of United Nations?
(a) London (b) New York
(c) Geneva (d) New Delhi

5. The National Aeronautical Laboratory is situated at ..... .
(a) Hyderabad (b) Bengaluru
(c) Kolkata (d) Delhi

6. The national award given to the distinguished sportsmen/women in India is known as
(a) Bharat Award (b) Nehru Award
(c) Urvashi Award (d) Arjuna Award

7. Who is presently the Foreign Minister of India?
(a) Smriti Irani (b) Arun Jaitley
(c) Sushma Swaraj (d) S. Jaishanker

8. Who was the first lady Sultan of India?
(a) Nur Jahan (b) Kohinoor
(c) Raziya Sultana (d) Mumtaz Mahal

9. ..... was the founder of Indian National Army.
(a) Bhagat Singh
(b) JL Nehru
(c) Cap. Gen. Mohan Singh
(d) Rash Behari Bose

10. Where is the headquarters of the International Court of Justice?
(a) Rome
(b) Paris
(c) The Hague (Netherlands)
(d) Washington

11. The Jallianwala Bagh is located in ..... .
(a) Phagwara (b) Amritsar
(c) Gandhinagar (d) Ferozepur

12. Ahmedabad is located on the banks of which river?
(a) Narmada river (b) Banas river
(c) Luni river (d) Sabarmati river

13. Which state amongst the following does not share land boundary with Tamil Nadu?
(a) Telangana (b) Andhra Pradesh
(c) Kerala (d) Karnataka

14. When did World War II held?
(a) 1939-43 (b) 1939-45
(c) 1934-36 (d) 1935-38

15. When did Quit India Movement begin?
(a) 1929 (b) 1942 (c) 1940 (d) 1929

16. Who discovered oxygen?
(a) Albert Einstein (b) John Emburey
(c) Graham Bell (d) Joseph Priestly

17. Formation of curd by milk is done by ..... .
(a) Lactobacillus (b) Yeast
(c) Moulds (d) None of these

18. Which gas is available in abundance in atmosphere?
(a) Carbon monoxide (b) Oxygen
(c) Argon (d) Nitrogen

19. What is Orion?
(a) Constellation (b) Meteor
(c) Galaxy (d) Planet

20. ..... is essential in soil for plant growth.
(a) Carbon dioxide (b) Oxygen
(c) Nitrogen (d) Hydrogen

21. Polio is caused by a type of
(a) bacteria (b) virus
(c) fungus (d) None of these

22. Which type of pollution is responsible for acid rain?
(a) Soil pollution (b) Air pollution
(c) Water pollution (d) Noise pollution

23. How many colours are there in a spectrum of light?
(a) 5 (b) 1 (c) 7 (d) 3

24. Urea fertiliser is
(a) nitrogenous (b) potassium based
(c) phosphoric (d) mixed

25. What is required for the process of photosynthesis?
(a) Chlorophyll
(b) Carbon dioxide and water
(c) Sunlight
(d) All of the above

26. In nuclear reactor, heavy water is used as
(a) moderator (b) atomic smasher
(c) coolant (d) fuel

27. What is the chemical formula of salt?
(a) ZnC (b) NaCl (c) NaOH (d) KCl

28. ..... is produced by the vibration of bodies.
(a) Electricity (b) Light
(c) Thunder (d) Sound

29. Which colour objects absorb the most heat?
(a) White (b) Black
(c) Green (d) None of these

30. Which disease is caused due to the deficiency of iodine?
(a) Goiter (b) Scurvy
(c) Berry-Berry (d) Rickets

31. Ravi bought 1 shirt for ₹ 800 and sold for ₹ 900, find his profit percentage.
(a) 9 (b) 2.5 (c) 8 (d) 12.5

32. If $x + y = 4$ and $\frac{1}{x} + \frac{1}{y} = 4$, then find the value of $x^3 + y^3$.
(a) 52 (b) 25
(c) 4 (d) 64

33. If 10 men can do a piece of work in 4 days, how many men will be required to get the same work done in 5 days?
(a) 8 (b) 6
(c) 12 (d) 10

34. The average of 3, 6, 9, 6 is .....
(a) 20 (b) 6
(c) 22 (d) 8

35. A batsman scores 80 runs in his sixth innings are thus increases his average by 5. What is his average after six innings?
(a) 65 (b) 60
(c) 50 (d) 55

36. What is 25% of 200?
(a) 55.5 (b) 50
(c) 100 (d) 150

37. Which among the following is the largest four digit number that is divisible by 88?
(a) 9944 (b) 9988
(c) 9966 (d) 6888

38. A man loses 10% by selling his watch for ₹ 450. Find the cost price of the watch.
(a) ₹ 500 (b) ₹ 140
(c) ₹ 600 (d) ₹ 400

39. The number 20% more than 80 is .....
(a) 96 (b) 30
(c) 90 (d) 36

40. $34.36 - 45.67 + 86.56 = ? + 37.96$
(a) 37.29 (b) 36.29
(c) 37.49 (d) 32.29

41. A number added to its two-thirds is equal to 35. Find the number?
(a) 21 (b) 22
(c) 24 (d) 23

42. The area of a circle is 154 cm^2 whose radius is ..... ?
(a) 7 (b) 8
(c) 6 (d) 5

43. The diagonal and one side of a rectangular field are 289 m and 161 m respectively. Find the other side.
(a) 220 m (b) 180 m
(c) 230 m (d) 240 m

44. A can do a piece of work in 8h while B alone can do in 16 h. In how many hours, both A and B working together can finish the work?
(a) $5\frac{1}{2}$h (b) $5\frac{1}{4}$ h
(c) $5\frac{1}{3}$ h (d) $5\frac{2}{3}$ h

45. In equilateral triangle, angles are
(a) 60,60,60
(b) 60, 80, 60
(c) 90,30,60
(d) 90, 45, 45

46. Find the missing term in the series: 5760, 960, ?, 48, 16, 8
(a) 192 (b) 240 (c) 120 (d) 160

47. If TOM means 48 and DILB means 27, then HARRY stands for
(a) 50 (b) 60 (c) 67 (d) 70

48. Hat : Head : : Spectacles : ?
(a) Textiles (b) Eyes
(c) Mouth (d) Hat

49. In certain code word 'DELHI' is written in 'EFMIJ', then word 'BOMBAY' will be?
(a) MJXVSU (b) AIJMJX
(c) AMJWUR (d) CPNCBZ

50. 10, 16, 21, 25, ...
(a) 28 (b) 31
(c) 27 (d) 29

Answers

1 *(b)*	2 *(a)*	3 *(c)*	4 *(b)*	5 *(b)*	6 *(d)*	7 *(d)*	8 *(c)*	9 *(d)*	10 *(c)*
11 *(b)*	12 *(d)*	13 *(a)*	14 *(b)*	15 *(b)*	16 *(d)*	17 *(a)*	18 *(d)*	19 *(a)*	20 *(c)*
21 *(b)*	22 *(b)*	23 *(c)*	24 *(a)*	25 *(d)*	26 *(a)*	27 *(b)*	28 *(d)*	29 *(b)*	30 *(a)*
31 *(d)*	32 *(a)*	33 *(a)*	34 *(b)*	35 *(d)*	36 *(b)*	37 *(a)*	38 *(a)*	39 *(a)*	40 *(a)*
41 *(a)*	42 *(a)*	43 *(d)*	44 *(c)*	45 *(a)*	46 *(a)*	47 *(d)*	48 *(b)*	49 *(d)*	50 *(a)*

Solutions

1. (b) Guru Gobind Singh was the tenth Sikh Guru, a spiritual master, warrior, poet and philosopher. When his father, Guru Tegh Bahadur, was executed by the Mughal ruler Aurangzeb, Guru Gobind Singh was formally installed as the leader of the Sikhs at the age of nine, becoming the tenth and final human Sikh Guru. He founded the Sikh warrior community called Khalsa in 1699 and introduced the Five Ks, the five articles of faith that Khalsa Sikhs wear at all times. Guru Gobind Singh is credited with the Dasam Granth whose hymns are a sacred part of Sikh prayers and Khalsa rituals. He is also credited as the one who finalised and enshrined the Guru Granth Sahib as Sikhism's primary scripture and eternal Guru.

2. (a) Chanakya (375-283 BCE) was an ancient Indian polymath who was active as a teacher, author, strategist, philosopher, economist, jurist and royal advisor. He is traditionally identified as Kautilya or Vishnugupta, who authored the ancient Indian political treatise, the Arthashastra, a text dated to roughly between the fourth century BCE and the third century CE. He lived in the court of first Mauryan king Chandragupta Maurya.

3. (c) 'The Gita Govinda' is a work composed by the 12th-century Hindu poet, Jayadeva. It describes the relationship between Krishna, Radha and gopis of Vrindavan. The Gita Govinda is organised into twelve chapters. Each chapter is further sub-divided into one or more divisions called Prabandhas, totalling twenty-four in all.

4. (b) The United Nations (UN) is an intergovernmental organisation whose stated purposes are to maintain international peace and security, develop friendly relations among nations, achieve international cooperation, and be a centre for harmonising the actions of nations. It is the world's largest and most familiar international organisation. The United Nations is headquartered in Midtown Manhattan, New York City, United States.

5. (b) National Aeronautical Research Laboratory was setup in Delhi in 1959. In March 1960, it set up an office in the palace of Maharaja of Mysore, Bengaluru. It is India's first and largest aerospace research firm established by the CSIR. It concentrates on research in advanced topics in aerospace and related disciplines.

6. (d) 'Arjuna Awards' are given to distinguished sportspersons for Outstanding Performance in Sports and Games. It is the second-highest sporting honour of India, the highest being the Major Dhyan Chand Khel Ratna Award. The award is named after Arjuna, one of the characters of the Sanskrit epic 'Mahabharata' of ancient India. It is presented by Sports Authority of India.

7. (d) Subrahmanyam Jaishankar is an Indian diplomat and politician who is serving as the present Minister of External Affairs of the Government of India since 30th May, 2019. He is a member of the Bharatiya Janata Party and a Member of Parliament in the Rajya Sabha.

8. (c) Razia Sultana, was the first lady ruler of the Delhi Sultanate. She was the first female Muslim ruler of the subcontinent, and the only female Muslim ruler of Delhi. She belonged to the Slave dynasty and was the daughter of Iltutmish.

9. (d) The Indian National Army was first formed in 1942 under Rash Behari Bose by Indian Prisoners of War (PoW) of the British-Indian Army captured by Japan in the Malayan campaign and at Singapore.

This first INA, which had been handed over to Rash Behari Bose, collapsed and was disbanded in December that year after differences between the INA leadership and the Japanese military over its role in Japan's war in Asia. Rash Behari Bose handed over INA to Subhash Chandra Bose.

10. (c) The International Court of Justice is one of the six principal organs of the United Nations. It settles disputes between states in accordance with international law and gives advisory opinions on international legal issues.

It is headquartered in The Hague (Netherlands).

11. (b) The Jallianwala Bagh massacre took place on 13th April, 1919 on the day of Baisakhi. A large peaceful crowd had gathered at the Jallianwala Bagh in Amritsar, Punjab, to protest against the Rowlatt Act and arrest of pro-independence activists Saifuddin Kitchlew and Satyapal.

The crowd gathered was attacked on the order of General Dyer that led to a huge mass killing.

12. (d) Ahmedabad is located in Gujarat on the banks of Sabarmati river. It is also known as the Manchester of India and is the largest city in the state of Gujarat. Ahmedabad is famous for its textile industry, and is known as the textile hub of India.

13. (a) Telangana does not share the border with the state of Tamil Nadu. Tamil Nadu is a state in southern India and is tenth largest Indian state by area and the sixth largest by population, Tamil Nadu is the home of the Tamil people, whose Tamil language is one of the longest surviving classical languages in the world.