MODIFIED ARMY ALPHA EXAMINATION FORM 9
DO NOT WRITE ON THIS BOOKLET

The purpose of this examination is to see how well you remember, think and carry out what you are told to do. Some of the things you will be asked to do may be very easy, some may be very difficult. You are not expected to make a perfect grade on every test, nor to finish all the questions. Simply do the best you can in the time allowed.

The directions are printed on the left hand page facing each test or at the top of the test. They will be read aloud only once and no further assistance will be given, so that you are advised to look carefully at the directions while they are being read as well as to listen to them.

You will write your answers on the answer sheet which we have put in the back of the test booklet, not on the booklet.

TEST ‘A’

Test A consists of a column of ADDITIONS. After the directions, the signal “ready, go”, will be given and you will then write each answer on the dotted line on the answer sheet after --- sign. The signal “Stop” will be given after 14 minutes. You may not be able to finish all of them, but do as many as you can in the time allowed. Do any figuring that you want to do on the extra sheet provided for the purpose, not on the booklet. The first two additions are already done as they should be.

TEST A

SAMPLES :—

\[
\begin{align*}
3 + 4 &= 7 \\
8 + 6 &= 14 \\
13 + 4 &= \\
14 + 3 &= \\
15 + 5 &= \\
16 + 6 &= \\
17 + 7 &= \\
18 + 9 &= \\
19 + 7 &= \\
20 + 18 &= \\
21 + 16 &= \\
22 + 23 &= \\
23 + 28 &= \\
24 + 17 &= \\
55 + 48 &= \\
128 + 38 &= \\
149 + 26 &= \\
168 + 67 &= \\
254 + 79 &= \\
457 + 86 &= \\
346 + 124 &= \\
485 + 169 &= \\
679 + 277 &= \\
663 + 578 &= \\
868 + 597 &= \\
1487 + 664 &= \\
\end{align*}
\]

Do not turn this page until told to do so
TEST 'B'

In test B you are to write the answers to these questions as quickly as you can; the starting signal is given. Write them on the dotted lines on the answer at the right of the number of the question, as in the samples on this page.

DO NOT WRITE ON THIS BOOKLET

SAMPLES:—Write a 6 on the dotted line..............6........

Write the smallest of these number backwards: 13, 21, 64, 18, 16, ..........31...

1. Write the middle letter of the longest of these three words: shoe, string, cobbler..............
2. Write the second figure of the largest of these numbers: 3165, 1993, 6726, 5842, 2819..........
3. Write the third of these numbers backwards: 25, 69, 16, 94, 33...............4...
4. Write the third letter of the word that means the shortest distance: yard, foot-rood, mile.....
5. Write the third letter of the word that means the opposite of tall.....................
6. Give the letter of the alphabet that is midway between P and T..............
7. In the following list of words find the word that begins and ends with the same letter: Storm, thunder, threat, stream.............
8. Write the last letter of the longest word and middle letter of the shortest word of the list No. 7..............
9. Write the word with the first letter capital that tells where the sun sets: North, South, Pa West..............
10. If the difference between 53 and 61 is greater than the difference between 17 and 25, write 'a'; if less write 'b'; if it is the same write 'c'..............
11. Give the total number of letters contained in this list, not counting the letter e; negturleehymevdxewbloex .............
12. Write the letter of alphabet that is as far beyond L as M is beyond H..............
13. If the sum of the two numbers 14 and 23 is greater than the difference of the two numbers 28 and 33, write 'a' on the dotted line; if less, write 'b' if it is the same write 'c'..............
14. Find the third figure (digit) from the end of the largest number in this series, and add 4 to it: 8+739, 85244, 83846, 8630
15. Write the second letter before P in the alphabet then the letter before Q, and then the second letter after P, unless these letters spell a familiar word, in which case write only the middle letter of the word..............
16. If the sum of the two numbers 28 and 337, write 'a' on the dotted line, if less, write 'b' if it is the same write 'c'..............
17. Find the third figure (digit) from the end of the largest number in this series, and add 4 to it: 8+739, 85244, 83846, 8630
18. Write the second letter from the end of the word that would come second in this series, if the words were arranged alphabetically: Fixing, nourish, labour, marble, punish..............
19. If the sum of the two numbers 43 and 26 is more than 59 and less than 67, write a number less than 55 into which 17 and 3 both go evenly, if not, write a number greater than 18 which goes evenly into the sum..............

Do not shift to the next page until told to do so.
**TEST 'C'**

In test C you are to get the answers to the examples as quickly as you can. Use the extra paper provided for any figuring you need to do. Work right down the page until time is called. Write every answer in the space provided on the answer sheet.

**SAMPLES:**—How many are 5 men and 10 men.............15 Men.............
If you walk 4 miles an hour for 3 hours, how far do you walk?........12 miles......

1. How many are 20 hats and 9 hats?......................
2. If you save Rs. 4 a month for 9 months how much will you save?........
3. If 64 salesmen are divided into teams of 8, how many teams will be there?........
4. A dealer had 11 overcoats. He bought 3 more, and then sold 8. How many overcoats did he have at last?........
5. A man walked 6 miles and returned 2 miles. How many miles was he then from where he started?........
6. How many hours will a wagon take to go 48 miles at the rate of 3 miles an hour?........
7. How many pencils can you buy for Rs. 1.00 at the rate of 2 for 5 NP?.....
8. A saleswoman sold 40 dresses in five days. First day she sold 8 dresses, second days 6 dresses, the 3rd day 10 dresses, the fourth day 7 dresses. How many dresses did she sell the last day?........
9. If a man buys two packages of Tobacco at 7 np for each and a pipe for 75 np, how much change should he get from a two rupee note?........
10. If 214 looms are to weave 5,992 yards of cloth, how many yards must be woven by each loom?...
11. If 5 men take 4 days to dig a 220 foot long drain, how many men are needed to dig it in half a day?...
12. A dealer bought some used cars for Rs. 1200. He sold them for Rs. 1500, making Rs. 50 on each car. How many cars are there?...
13. A rectangular bin holds 500 cubic feet of lime. If the bin is 10 feet long and 5 feet deep, how much wide is it?...
14. A girl spends one-eighth of her spare change for post cards and twice as much for a box of letter papers, and then had Rs. 2.00 left. How much money did she have at first?...
15. If 5\(\frac{1}{2}\) yards of silk cost Rs. 33, what will 3\(\frac{1}{2}\) yards cost?...
16. A ship has provisions to last her crew of 400 men for 6 months. How many months would it last 1,600 men?...
17. If an aeroplane goes 300 yards in 10 seconds, how many feet does it go in a fifth of a second?...
18. A truck makes 6 miles an hour in the second gear & 20 miles in the high. How long will it take to climb a mountain road 100 miles long if it has to go three fifths of the way in the second gear?
19. A certain business organisation employs 6000 clerks, 15000 factory operators and 1,000 salesmen. If each branch is expanded proportionately until there are in all 24,200 employees. How many will be added to the clerical staff?........
20. A manufacturer, who had already supplied 1897 dresses to a wholesaler, delivered the remainder of his stock to 38 retailers. Of this remainder each retailer received 45 dresses. What was the total number of dresses supplied?...

**Do not turn this page until told to do so**
**TEST 'D'**

In test D you are to make a suitable combination of two words one is given to you and the other you are to select out of the list provided before the first word. Then write the first letter of the word selected by you in the space provided the answer sheet. Work right down the page until time is called.

**SAMPLES:**

<table>
<thead>
<tr>
<th>Given</th>
<th>Choice</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sky-blue</td>
<td>grass-table, green, Warm, Big</td>
<td>G....</td>
</tr>
<tr>
<td>fish-swims</td>
<td>man-paper, Time, Walks, Girl</td>
<td>W....</td>
</tr>
</tbody>
</table>

1. Finger-hand: toe, Boss, Foot, Doll, Coat
2. Sit-chair: Sleep-paper, tree, bed, see
3. skirts-girl: trousers, Boy, Hat, Vest, Coat
4. December-Christmas: April-month, Baisakhi, December, Early
5. above-top: below-Above, Bottom, See, Hand
6. knife-cut: needle-Plate, Sew, Thread, Cloth
7. bird-song: man-Speech, Woman, Boy, Labour
8. hay-horse: bread-Daily, Floor, Butter, Man
9. sweet-sugar: sour-Sweet, Bread, Man, Vinegar
10. devil-bad: angel-Good, Face, Heaven
11. Edison-electric light: Columbus-America, Washington, China, India
12. rifle-pistol: big-Bullet, Gun, Army, Little
13. engineer-engine: driver-Whip, Horse, Passenger, Man
14. wolf-sheep: cat-Fur, Kitten, Dog, Mouse
15. officer-subordinate: order-General, Obey, Regiment, Army
16. hunter-gun: fisherman-Fish, Wet, Bold, Net
17. Cold-heat: ice-Steam, Cream, Frost, Refrigerator
18. uncle-nephew: aunt-Brother, Sister, Niece, Cousin
20. framework-house: skeleton-Ribs, Skull, Grace, Body
21. pitcher-water: vase-Flower, pitcher, Table, Chain
22. day-night: Light-house, Girl, Electricity, Dark
23. abundant-cheap: scarce-Costly, Plentiful, Frequent, Gold
24. polite-impolite: pleasant-agreeable, Disagreeable, Man, Face
25. governor-state: general-Private, Navy, Army, Soldier
26. succeed-fail: praise-Love, Friend, God, Blame
27. people-house: bee-Thrive, Sting Hive, Flowers
28. peace-happiness: war-Grief, Fight, Battle, Europe
29. A—B: Letter E, B, D
30. darkness-stillness: light-moonlight, Sound, Brightness, Window
33. truth-gentleness: lie-Rascal, Live, Give, Falsehood
34. blow-anger: weep-Woman, Child, Love, Grief
35. square-cube: circle-Line, Round, Triangle, Sphere
36. Mountain-Valley: genius-Idiot, Write, Think, Brain
37. clock-time: thermometer-Cold, Weather, Temperature, Mercury
38. fear-anticipation: regret-Vain, Memory, Express, Resist
39. hope-elation: despair-Grave, Repair, Life, Depression
40. dismal-dark: cheerful-Laugh, Bright, House, Gloomy

Do not shift to the next page until told to do so
TEST ‘E’

Look at the first sample below: 2 4 6 8 10 12. The next two numbers should be 14 16; so 14 and 16 are written in the answer column. Now look at the second sample the next two numbers should be 3 and 2; so they are written in the answer column. Now look at the other two samples. They are done correctly on the answer columns. Decide how the numbers in each row are related to each other then, on the two dotted lines on the answer sheet, write the two numbers which should come next.

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Do not turn this page until told to do so
In the sample below the words A EATS COW GRASS in that order are mixed up and don't make a sentence; but they would make a sentence if put in the right order: A COW EATS GRASS, and this statement is true. Write 'T' as it gives true sense. Again, the words WHEELS SQUARE ARE ALL would make a sentence if put in the order ALL WHEELS ARE SQUARE, but this statement is false. Therefore write 'F' as the sentence formed from these words gives false sense. On this page are twenty four mixed up sentences. Some of them are true and some are false. When I say "go", take these sentences one at a time. Think what each would say if the words were straightened to put in a sentence but don't write them yourself. Then, if what it would say is true, write 'T' on the dotted line on the answer sheet at the end of the sentence, if what it would say is false, write 'F' on the dotted line. If you cannot be sure, you may guess. The two samples on this page are already done as they should be. Work right down the page until time is called.

SAMPLES: - A eats cow grass

wheels square are all

1. Iron heavy is.
2. Chairs sit are to on.
3. Assam in cotton grows.
4. Happy is man sick always a.
5. Wood eat and good to are coal.
6. Germany of Johnson king is England and.
7. Day it snow does every not.
8. War in are useful aeroplanes.
10. Feed is tobacco as a valuable not.
11. Trees roses sea and in grow the.
12. Pole north equator mile one from is the.
13. A battle in racket very tennis useful is.
14. Made cloth wood cotton and is from.
15. Seldom forever good lasts luck.
16. A ocean cross minutes few can boat the in a.
17. Seldom birds' diamonds nests are in found.
18. Love we wrong those us always who.
19. To aid deep great snow a military manoeuver is.
20. Never man the show the deeds.
22. Never who heedless those stumble are.
23. Person enemies individual many makes an.
The correct answer in this test will always be one of the following numbers 2, 3, 4, 6 or 7. Look at the first sample: 22 18 10. The largest number that will go evenly into the three numbers 22, 18 and 10 is 2. So this number, 2, is written on the line on the answer sheet. Look at the second sample 48 20 36. Here 4 is the largest number that will go evenly into 48, 20 and 36; so 4 is placed on the answer sheet. Look at the third sample; 35 14 63. The largest number that evenly divides 35, 14 and 63 is 7; and 7 is written on the answer sheet. For each set of numbers in the test, find the largest number that goes evenly into the three numbers given, and write this number on the answer sheet in the space provided. Do any figuring you may need to do on the extra paper provided, not in the booklet. Remember, the answer is always 2, 3, 4, 6 or 7.

SAMPLES:

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Sample 1</th>
<th>Sample 2</th>
<th>Sample 3</th>
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<tr>
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<td>6 4 12</td>
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<td>16</td>
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<td>32 42 70</td>
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</tbody>
</table>

Do not turn this page until told to do so
In test ‘H’ if the two words of a pair mean the same or nearly the same, write an S on the dotted line on the answer sheet. If they mean the opposite or nearly the opposite write an O on the dotted line. If you cannot be sure, you may guess. The two samples are already answered as they should be.

**SAMPLES:**

<table>
<thead>
<tr>
<th>Good—Bad</th>
<th>Large—Great</th>
<th>21. Unison—Agreement</th>
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<tbody>
<tr>
<td>High—Low</td>
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<td>Slow—Fast</td>
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<td>Jealousy—Envy</td>
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<td>Conquer—Subdue</td>
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<td>Power—Energy</td>
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<td>Terror—Dread</td>
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<td>Clean—Dirty</td>
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<td>Bulk—Size</td>
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<td>Bloom—Wither</td>
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<tr>
<td>Revive—Use</td>
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STOP HERE