Please fill up these columns at first:-

NAME:.............................................CLASS:........................
SECTION:.............................................DATE OF BIRTH:...................
MALE/FEMALE:......................................VILL/TOWN:.....................
DATE:..........................................AGE:...................
FATHER'S OCCUPATION:....................................

INSTRUCTION:- Given here under are questions with five choices as answers. You have to choose the correct answer and tick (/). Work mentally as far as you can, scrap work is not allowed. It is not part of your examination. This test is only for research work and it will be kept confidential. It will not affect your examination.

The number in the following questions follow a certain pattern. Your test is to supply missing next number.

Q.01. 2,4,8,16,32.........................(a)32, (b)64, (c)128, (d)256, (e)none of these.
Q.02. 3,128,6,64,9,32,12,16,15,8........ (a)4, (b)2, (c)18, (d)20, (e) none of these.
Q.03. 103,102,100,97,93...................(a) 95, (b)94, (c) 88, (d) 90 (e) none of these.
Q.04. ' 1,5,4,9,3,......................2,25, (a)16, (b)10, (c)4, (d)5, (e) none of these.
Q.05. 105,501, 204,402,..................303 (a)501, (b)105, (c)303, (d)401, (e) none of these.
Q.06. 8,72,9,90,10,110,11........... (a)120, (b)110, (c)132, (d)90, (e) none of these.
Q.07. The sum to 30 numbers of the sequence is 1+2-3+1+2-3+1+2-3+........ (a)87, (b)0, (c)30, (d)31 (e) none of these.
Q.08. 7-7x7-7 =......................... (a)14, (b)1, (c)7, (d)0, (e) none of these.
Q.09. Which of the following is not a leap year: 1948, 1700, 2000, 1840 (a)1948; (b)1700; (c)2000; (d)1840; (e) none of these.
Q.10. The greatest prime No. of two digits (a) 91; (b)93; (c)97; (d)99 (e) none of these.

In following series one number is wrong. Find out the wrong number in each case:

Q.11. 36,18,14,27,13,5,4,5, (a)4,5; (b)27; (c)22.5; (d)13.5; (e) none of these.
Q.12. 121,144,169,196,215,256, (a) 144; (b)256; (c)215; (d)196; (e) none of these.
Q.13. 582,605,588,611,634,617,600 (a) 634; (b)627; (c)611; (d)605; (e) none of these.
Q.14. 64,49,37,25,16, (a) 64; (b)49; (c)37; (d)16; (e) none of these.
Q.15. 22 33;66;99;121;296;594 (a) 33; (b) 99; (c) 37; (d) 16; (e) none of these.

If - is x; x is +; - is -; and + is +; find the value of

Q.16. 11-2-9 = ............... (a) 11; (b) 12; (c) 13; (d) 1; (e) none of these.

Q.17. 6+2x12 = ............... (a) 15; (b) 12; (c) 24; (d) 30; (e) none of these.

Q.18. Find the old man out: 5;17;7;15;19. (a) 5; (b) 17; (c) 7; (d) 15; (e) none of these.

Q.19. Find the odd man out: 16;32;37;48;64; (a) 16; (b) 32; (c) 37; (d) 48; (e) none of these.

Q.20. I walk 12 Km. to the north then 10 Km. east and then 12 Km. south. How far am I then from my starting point:
(a) 12; (b) 10; (c) 32; (d) 20; (e) none of these.

Q.21. A class of boys stands in a long line one boy is 17th in order from both ends. How many boys are there in the class?
(a) 34; (b) 33; (c) 32; (d) 30; (e) none of these.

Q.22. How many times between 12'O clock to 6 O'clock the hands of clock are at right angles?
(a) 10; (b) 11; (c) 12; (d) 13; (e) none of these.

Q.23. What fraction of 1 kg. is 20 gram
(a) 1/3; (b) 1/30; (c) 1/60; (d) 1/500; (e) none of these.

Q.24. 0.01 as a percentage is
(a) 10%; (b) 1%; (c) 0.1%; (d) 10%; (e) none of these.

Q.25. 250 is the what percentage of 25
(a) 10%; (b) 50%; (c) 100%; (d) 1000%; (e) 1500%.