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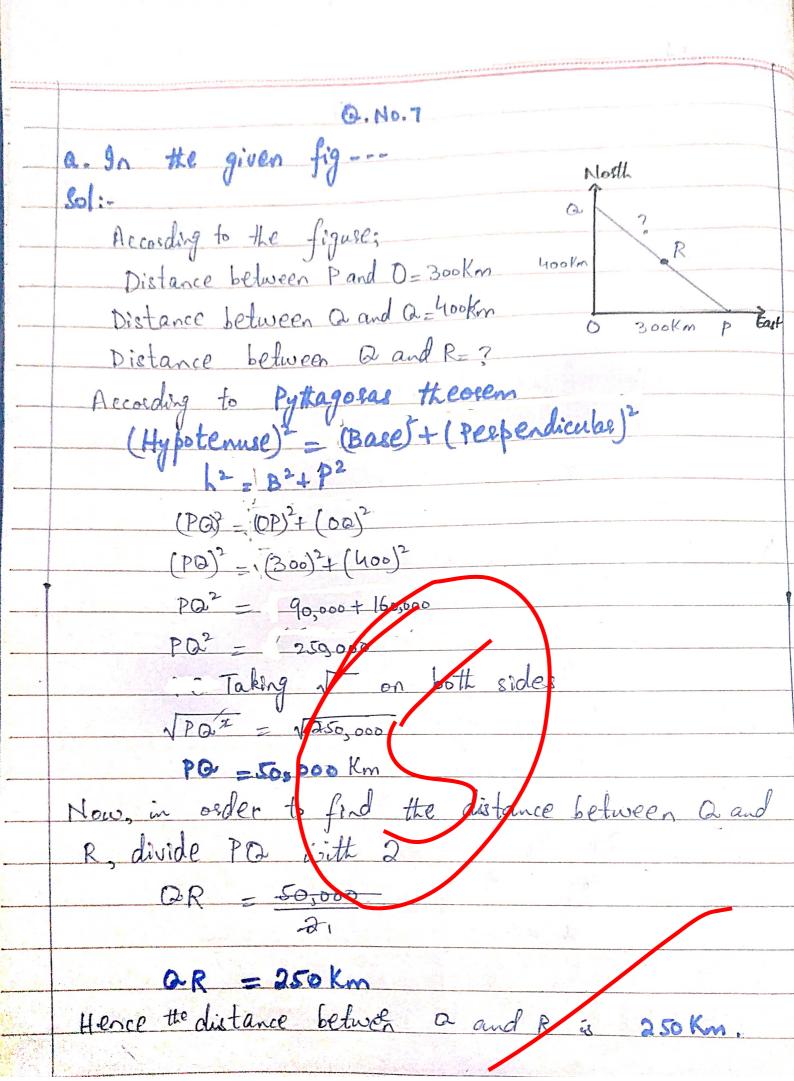
TOOBA GUL BATCH: 339 V good for math GENERAL SCIENCE & ABILITY Work on theory portion SECTION-II Q. No.C. a-Three candidates __ Sol: Let the three candidates be x, y and z Votes received by n = 15,000 Votes received by y = 10,000 Votes received by z - 8,000 Sum of votes of all three eardidates = sum votes of nysum of votes of y+ sum of 15000 + 10000+ 8000 Total votes -33000 Percentage of total votes of the winning lates of winning andidate x los candidate = 33000 45.454 winning candidate is 45.45%. Hence, the votes of

Sol: The satio of 3 angles of trangle=3:4:5

Let the angles be=30,4n and 5n As we know: Sum of all angles of triangle=180° SO, 3x+ 4x+5x = 180 1st Angle of 1 - 3 (15) 45 2nd angle of triangle 4 (15) (60°) 32d angle of 1 = 5 (15) - [75°] Hence, the angles of triangle are 45,60°, c-In a sports meet.
Sol: Each group in sports neet comprises = 4 boys = 6 girls Total number of giels avaible for groups= 1029irls Total Number of boys =?

If each girt group consists of 6 girls with total girls 102 then = 102

Number of groups = 17 groups
Now, if there are 17 groups and each group
contains 4 boys, the myser of boys required= 17x4 therefore . 68 hours are required against low girls The ratio of present ages. Sol: Let the present ages of A and B be 6n and 7% respectively. After 5-years the satio would become 7:2 has sepsesented: 6x+5: 7x+5 = 7:8 According to given emdition (6x+5)8 = 7 (7n+5) 48x+40 = 49x+35 48n-4/n=35-40 +3n=+5 So, the present age of \$1 6x = 6(5) = 30 yours present age of B= 7n=7(5)= 35 years.



The average ---Average age of boys = 15 years let the boys be A,B,C = 3x,5x,7x Age of the youngest boy =? In order to find the age of youngest boy average formula: Average = Sum of all observations No. of observations Age of youngest

SECTION-I Q. No. 3 Distinguish between RAM and ROM of composenters. A form of data storage 1 A form of data storage that cannot be easily that can be accessed at altered or seprogrammed. any time any tosder or form and from any physical location 2 RAM stands for Rendom ROM stands for Read Access Memory 3. It is a volatte memory. It is a non-votatile 4- It is a negliary, memory. It is a spad-only nemosy. It is slower. 5-9t & faster 6. It is used in the norma It is used seimasily in the startup process of operations of a computer computes. Qv. No. 4 What a Myopia and Hyper-

DISEASES OF EYE: Human eye is a sensory organ 4-t is responseye-sight ible for vision. However, and were in myopia and leads to eye diseases such as hypernetsopia: a-myopia: The elongation of eye-ball is called Myopia. It is the condition in which image of objects is formed in front of setina. Concerse lens a used to sectify myopia Correction b- Hyper emetropia: It is the condition in which eye-ball shosters than the original Image of distant objects is formed behind setina. It can coesected through convex lens. Cossection