

DELHI PUBLIC SCHOOL, JAMMU
Assignment
SESSION(2025-26)

CLASS: XI
SUBJECT: APPLIED MATHEMATICS (241)
Month: May

- Q1. Ramdin can reap a field in 30 days. What part of the field would he have reaped in 25 days?
- Q2. A farmer can reap a field in 10 days while his wife can do it in 8 days (she does not waste time in smoking). If they work together, in how much time can they reap the field?
- Q3. A can do a job in 10 days while B can do it in 15 days. If they work together and earn Rs. 3500, how should they share the money?
- Q4. A and B together can paint a room in 2 days. A alone can do it in 3 days. How many days would B require working alone to paint the room?
- Q5. A can do $\frac{1}{5}$ th of a certain work in 2 days and B can do $\frac{2}{3}$ rd of it in 8 days. In how much time can they together complete the work?
- Q6. One tap fills a tank in 20 minutes and another tap fills it in 12 minutes. The tank being empty and if both taps are opened together, in how many minutes the tank will be full?
- Q7. A can do a work in 6 days and B can do it in 8 days. They worked together for 2 days and then B left the work. How many days will A require to finish the work?
- Q8. A can do a piece of work in 40 days. He works at it for 8 days and then B finishes the remaining work in 16 days. How long will they take to complete the work if they do it together?

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