
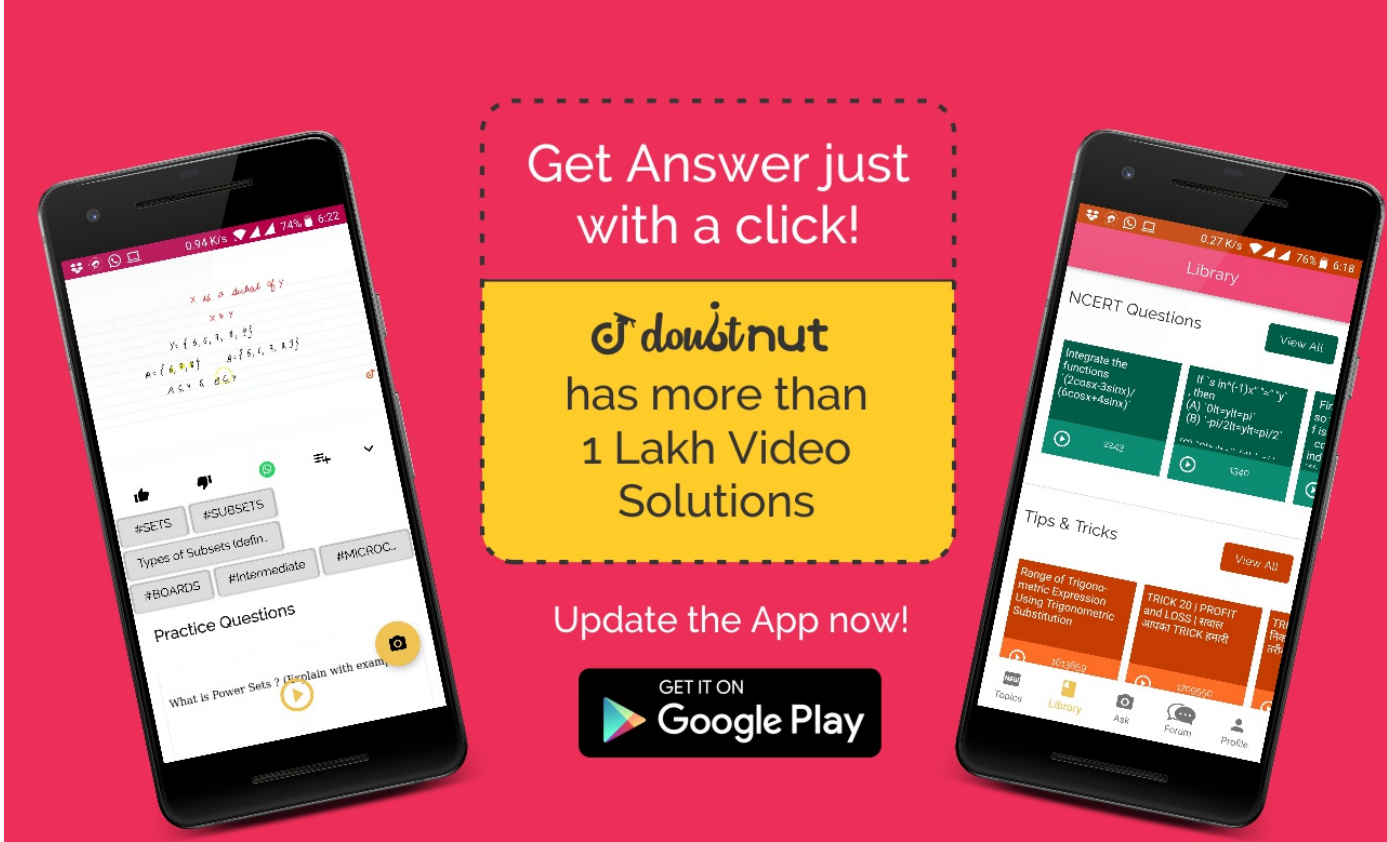
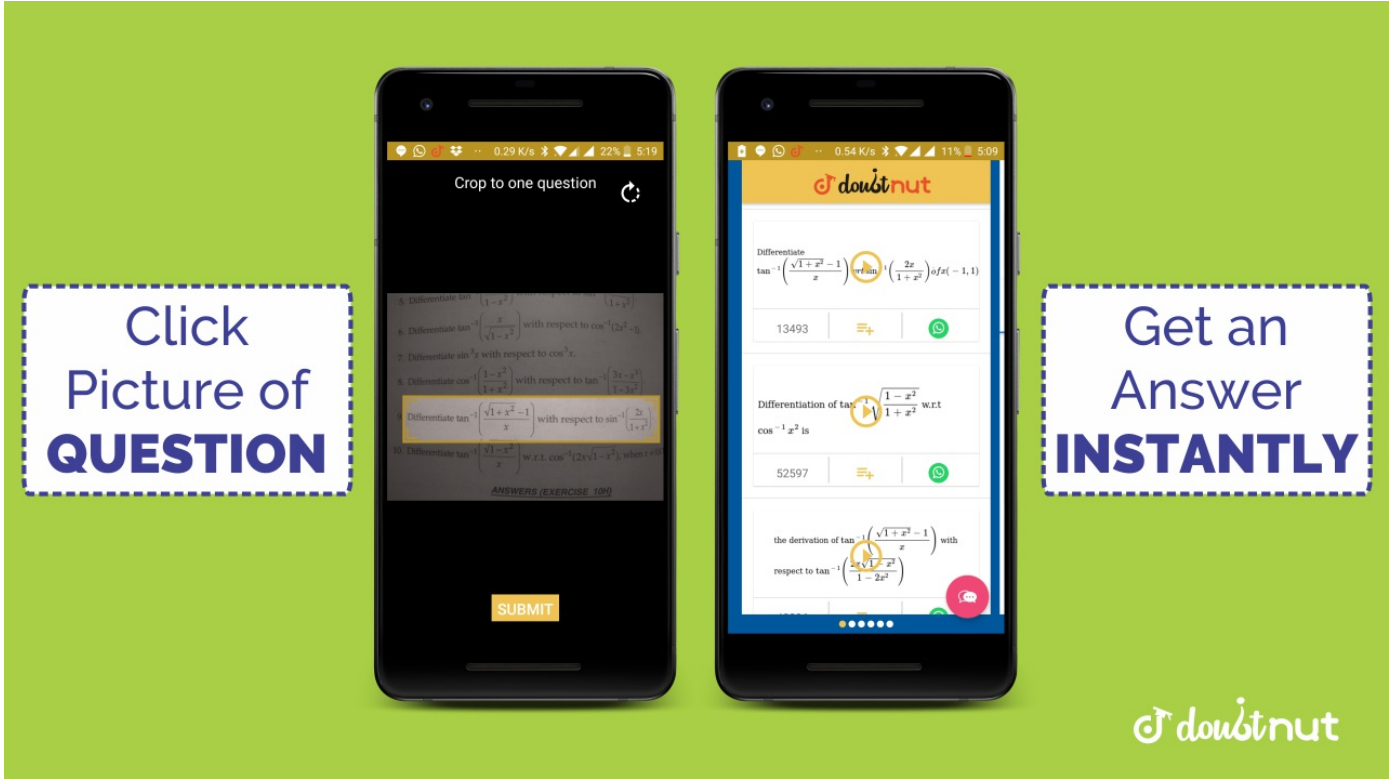

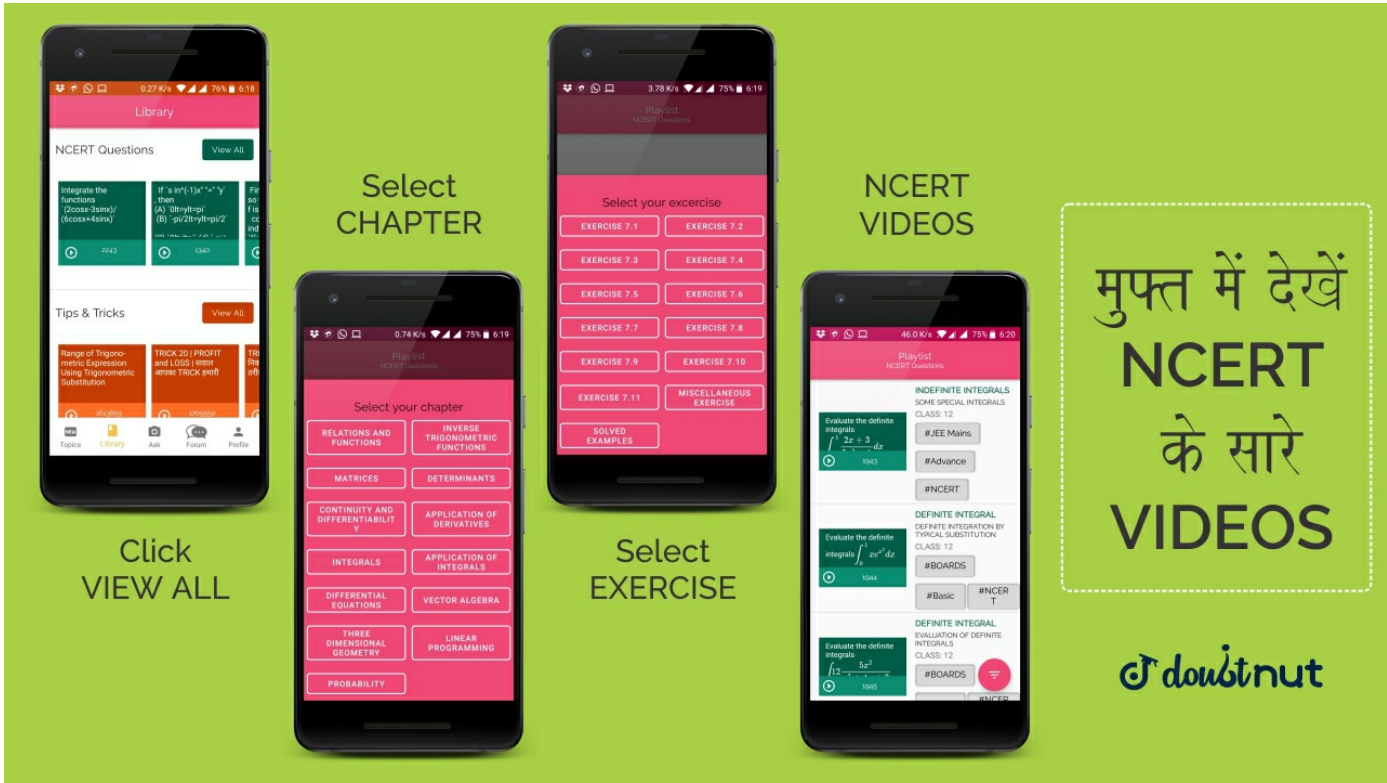
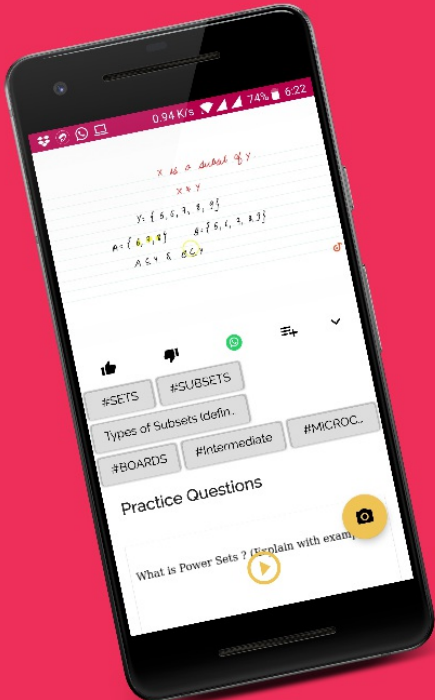
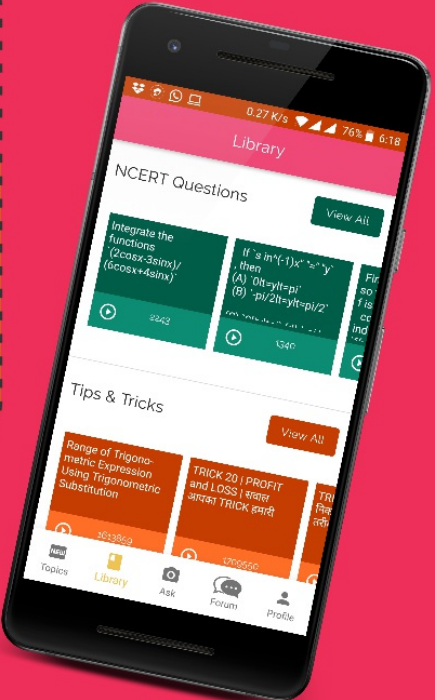


Ques No.	Question
1	<p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> <p>1. INTRODUCTION TO VARIATION</p> <p>1. Introduction to Variation</p> <p>Click to LEARN this concept/topic on Doubtnut</p>
2	<p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> <p>2. VARIATIONS</p> <p>1. Types of Variations</p> <p>Click to LEARN this concept/topic on Doubtnut</p>
3	<p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> <p>3. TYPES OF VARIATIONS</p> <p>1. Direct variations</p> <p>Click to LEARN this concept/topic on Doubtnut</p>
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	<p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p>

4	<p>3. TYPES OF VARIATIONS</p> <p>2. Inverse variation</p> <p>🔗 Click to LEARN this concept/topic on Doubtnut</p>
5	<p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> <p>4. DIRECT VARIATION</p> <p>1. Direct variations (in mathematical form).</p> <p>🔗 Click to LEARN this concept/topic on Doubtnut</p>
6	<p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> <p>4. DIRECT VARIATION</p> <p>2. A car travels 432 <i>km</i> in 48 <i>litres</i> of petrol . How far would it travel on 20 litres of petrol ?</p> <p>🔗 Click to LEARN this concept/topic on Doubtnut</p>
7	<p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> <p>4. DIRECT VARIATION</p> <p>3. Reema types 540 words during an hour . How many words would she type in 6 minutes ?</p> <p>🔗 Click to LEARN this concept/topic on Doubtnut</p>
	
8	<p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> <p>5. INVERSE VARIATION</p> <p>1. Inverse variation (in mathematical form).</p> <p>🔗 Click to LEARN this concept/topic on Doubtnut</p>

<div data-bbox="233 231 262 273" data-label="Text"> <p>9</p> </div>	<div data-bbox="512 68 1932 115" data-label="Section-Header"> <p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> </div> <div data-bbox="512 160 961 201" data-label="Section-Header"> <p>5. INVERSE VARIATION</p> </div> <div data-bbox="512 249 1999 296" data-label="Text"> <p>2. If 52 men can do a piece of work in 35 days, in how many days 28 men will do it ?</p> </div> <div data-bbox="512 341 1491 388" data-label="Text"> <p>▶ Click to LEARN this concept/topic on Doubtnut</p> </div>
<div data-bbox="226 736 270 777" data-label="Text"> <p>10</p> </div>	<div data-bbox="512 513 1932 560" data-label="Section-Header"> <p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> </div> <div data-bbox="512 605 961 647" data-label="Section-Header"> <p>5. INVERSE VARIATION</p> </div> <div data-bbox="512 694 2039 825" data-label="Text"> <p>3. 1000 soldiers in a fort had enough food for 20 days. but some soldiers were transferred to another fort and the food lasted for 25 days. How many soldiers were transferred ?</p> </div> <div data-bbox="512 872 1491 920" data-label="Text"> <p>▶ Click to LEARN this concept/topic on Doubtnut</p> </div>
<div data-bbox="226 1237 270 1279" data-label="Text"> <p>11</p> </div>	<div data-bbox="512 1074 1932 1121" data-label="Section-Header"> <p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> </div> <div data-bbox="512 1166 1272 1207" data-label="Section-Header"> <p>6. INTRODUCTION TO TIME AND WORK</p> </div> <div data-bbox="512 1255 1341 1302" data-label="Text"> <p>1. Introduction to the concept of time and work.</p> </div> <div data-bbox="512 1347 1491 1394" data-label="Text"> <p>▶ Click to LEARN this concept/topic on Doubtnut</p> </div>
<div data-bbox="58 1813 438 1949" data-label="Image"> </div>	<div data-bbox="625 1519 1923 2249" data-label="Image"> </div>
<div data-bbox="226 2546 270 2588" data-label="Text"> <p>12</p> </div>	<div data-bbox="512 2326 1932 2374" data-label="Section-Header"> <p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> </div> <div data-bbox="512 2418 886 2460" data-label="Section-Header"> <p>7. TIME ARE WORK</p> </div> <div data-bbox="512 2507 2039 2668" data-label="Text"> <p>1. If a person X completes a piece of work in n days then work done by person X in one day is $\left(\frac{1}{n}\right)th$ part of the work .</p> </div> <div data-bbox="512 2715 1491 2763" data-label="Text"> <p>▶ Click to LEARN this concept/topic on Doubtnut</p> </div>
	<div data-bbox="512 2890 1932 2938" data-label="Section-Header"> <p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> </div>

13	<p>7. TIME ARE WORK</p> <p>2. If a person X completes $\left(\frac{1}{n}\right)th$ part of the work in one day then person X will take n days to complete the work.</p> <p>🔗 Click to LEARN this concept/topic on Doubtnut</p>
14	<p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> <p>7. TIME ARE WORK</p> <p>3. Together Chotu and Nitu plough a field in 4 days. Nitu alone takes of 6 days to plough the same field. In how many days can Chotu alone plough the field ?</p> <p>🔗 Click to LEARN this concept/topic on Doubtnut</p>
15	<p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> <p>7. TIME ARE WORK</p> <p>4. A and B can do piece of work in 12 days; B and C in 15 days; C and A in 20 days. In how many days will they finish it together and separately ?</p> <p>🔗 Click to LEARN this concept/topic on Doubtnut</p>
	
16	<p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> <p>7. TIME ARE WORK</p> <p>5. A can do a piece of work in 25 days and B can finish it in 20 days. They work together for 5 days and then A goes away. In how many days will B finish the remaining work ?</p> <p>🔗 Click to LEARN this concept/topic on Doubtnut</p>
	<p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> <p>8. PIPES AND CISTERNS</p>

17	<p>1. Problems on Pipes and Cisterns.</p> <p>📺 Click to LEARN this concept/topic on Doubtnut</p>
18	<p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> <p>8. PIPES AND CISTERNS</p> <p>2. A cistern can be filled by one tap in 4 hours and by another in 3 hours. How long will it take to fill it if both taps are opened together ?</p> <p>📺 Click to LEARN this concept/topic on Doubtnut</p>
19	<p>CONCEPT FOR BOARDS Chapter DIRECT AND INVERSE PROPORTIONS</p> <p>8. PIPES AND CISTERNS</p> <p>3. A cistern can be filled by a tap in 6 hours and emptied by an outlet pipe in 8 hours. How long will it take to fill the cistern if both the tap and the pipe are opened together ?</p> <p>📺 Click to LEARN this concept/topic on Doubtnut</p>
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