LO-MVI

Valm

| A PROJECT OF LAHORE GRAMMAR SCHOOL                                 | Student Name: Shafa Johan |
|--|---------------------------|
| Cubicat . Physics  | 2.t. 22 116               |
| Subject: Physics<br>Class: ICS (phy) [Pa                           | ort 1 Date: 20-11-24      |
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| 4/1.7  | , 2 "                     |
| "Subjective Type"  |                           |
|  |                           |
|  |                           |
| Ouestion: 02   |                           |
| (ii)   |                           |
| Critical Velocity:   |                           |
|  |                           |
| V= \ \ 6.4 \ \ 106 \ \ \ 9.8 = \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |                           |
| This is also called Critical velocity. This velocity               |                           |
| is very close to earth. Earth i.e it height is                     |                           |
| very small as compared to the earth radius.                        |                           |
| (vi)   |                           |
| Datas S= 2.50m   | 0 = > :Fird               |
| 1 = 3.8 × 108 m  |                           |
| Solution:  |                           |
| S= 70  |                           |
| 0 = S = 2.50 => 6.6 × 16 9 radian = 0                              |                           |
|  |                           |
| (yii)  |                           |
| Data: R= 1.74 X10°m, y= 3.85 X10°m                                 |                           |
| Find: Ls =? : Ls= Iw  Lo : Lo= Mw12                                |                           |
| Solution: Ls = Iw  | Therefore, 6= MV1         |
| · Ica 2 MP2W -D  | Lo - Mwr.y                |

Los MY2w (2)

