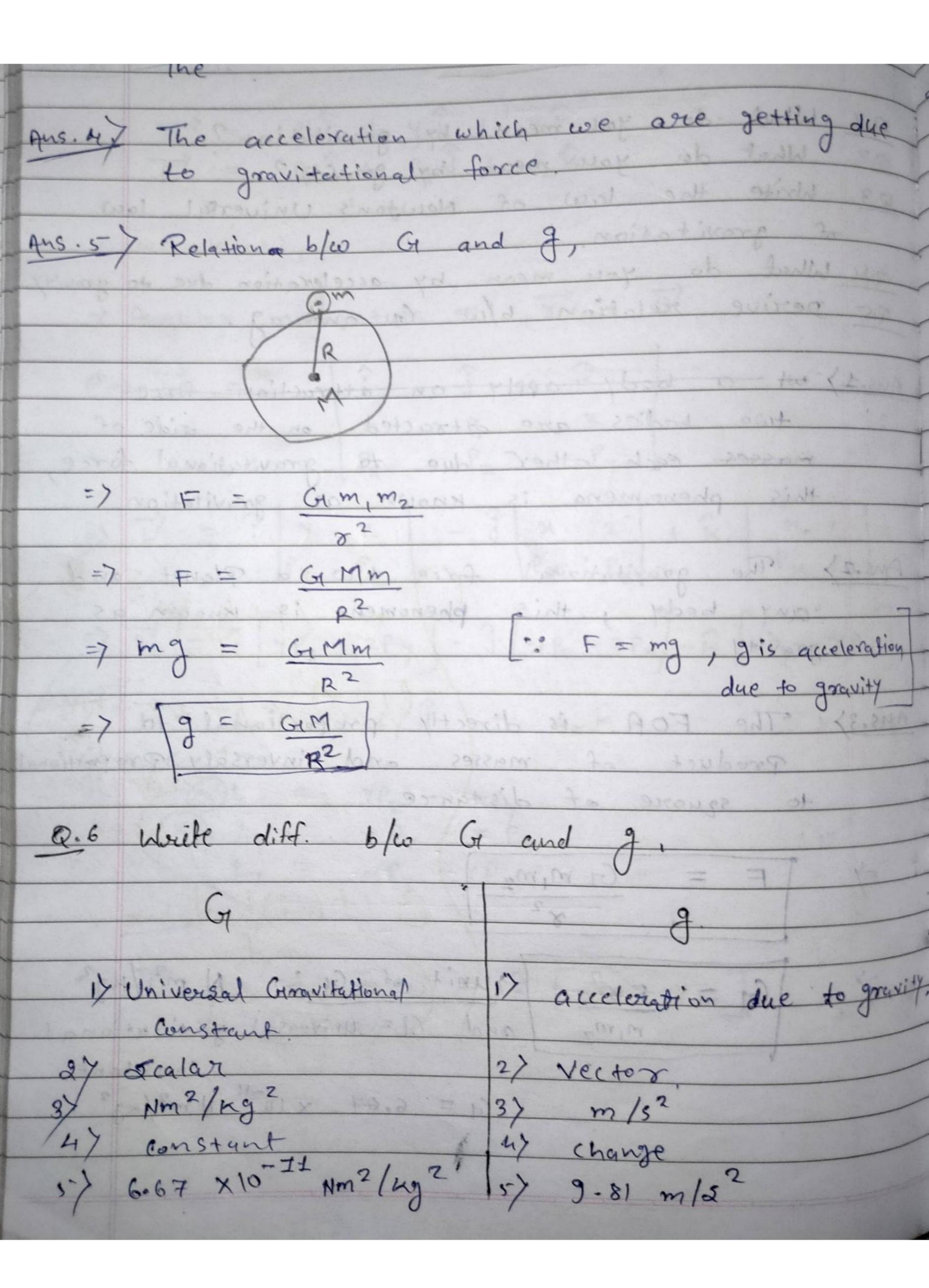
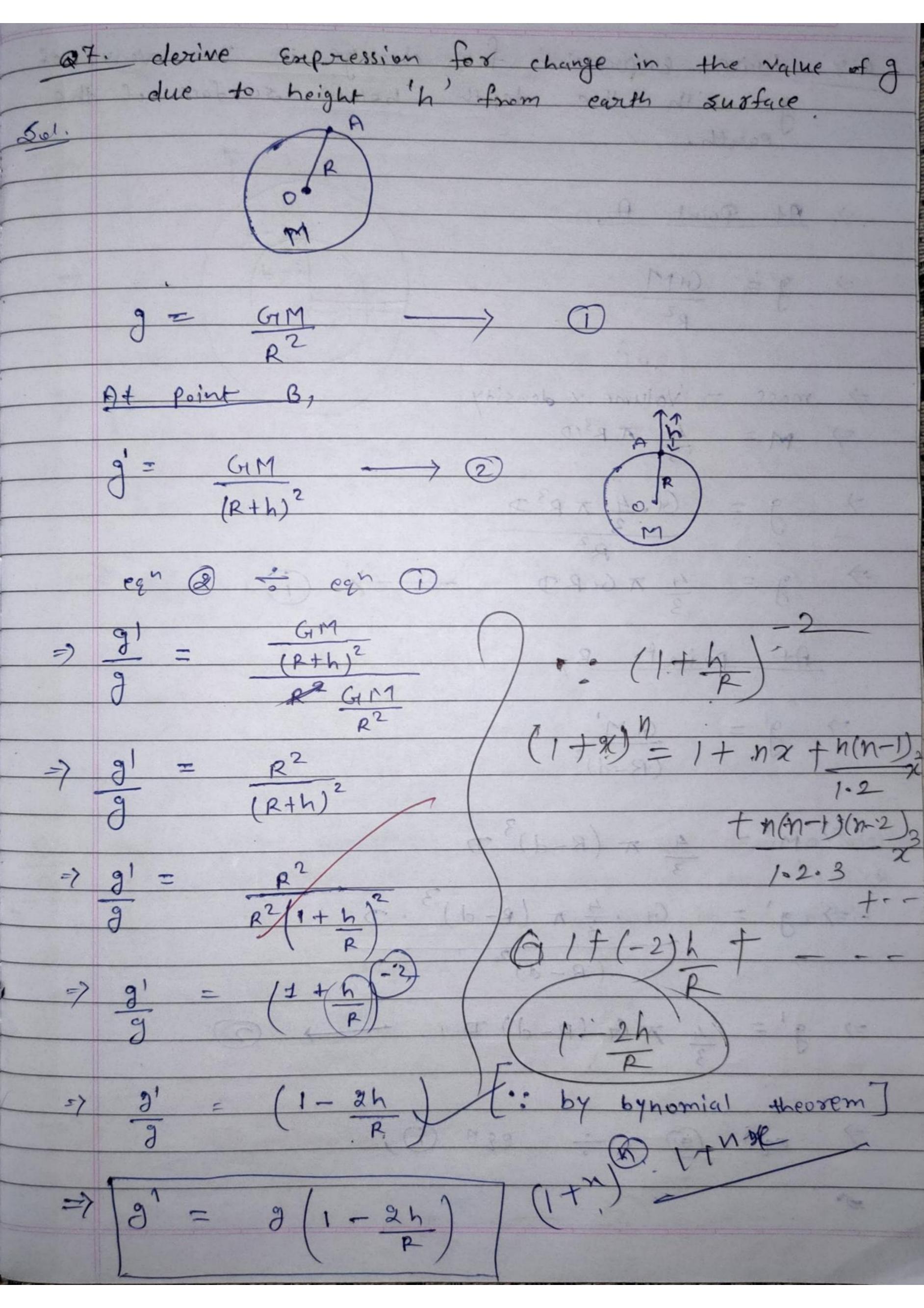
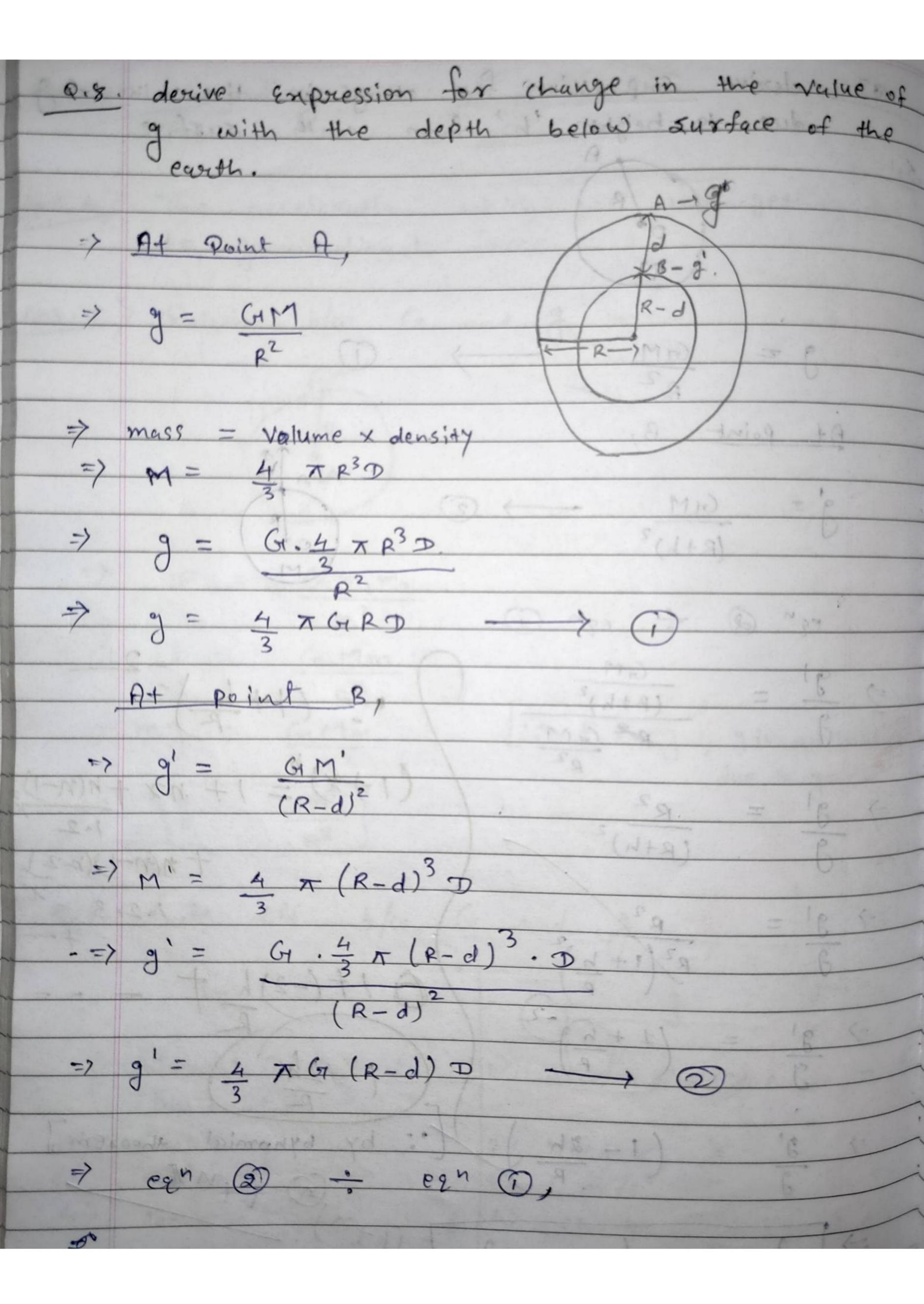
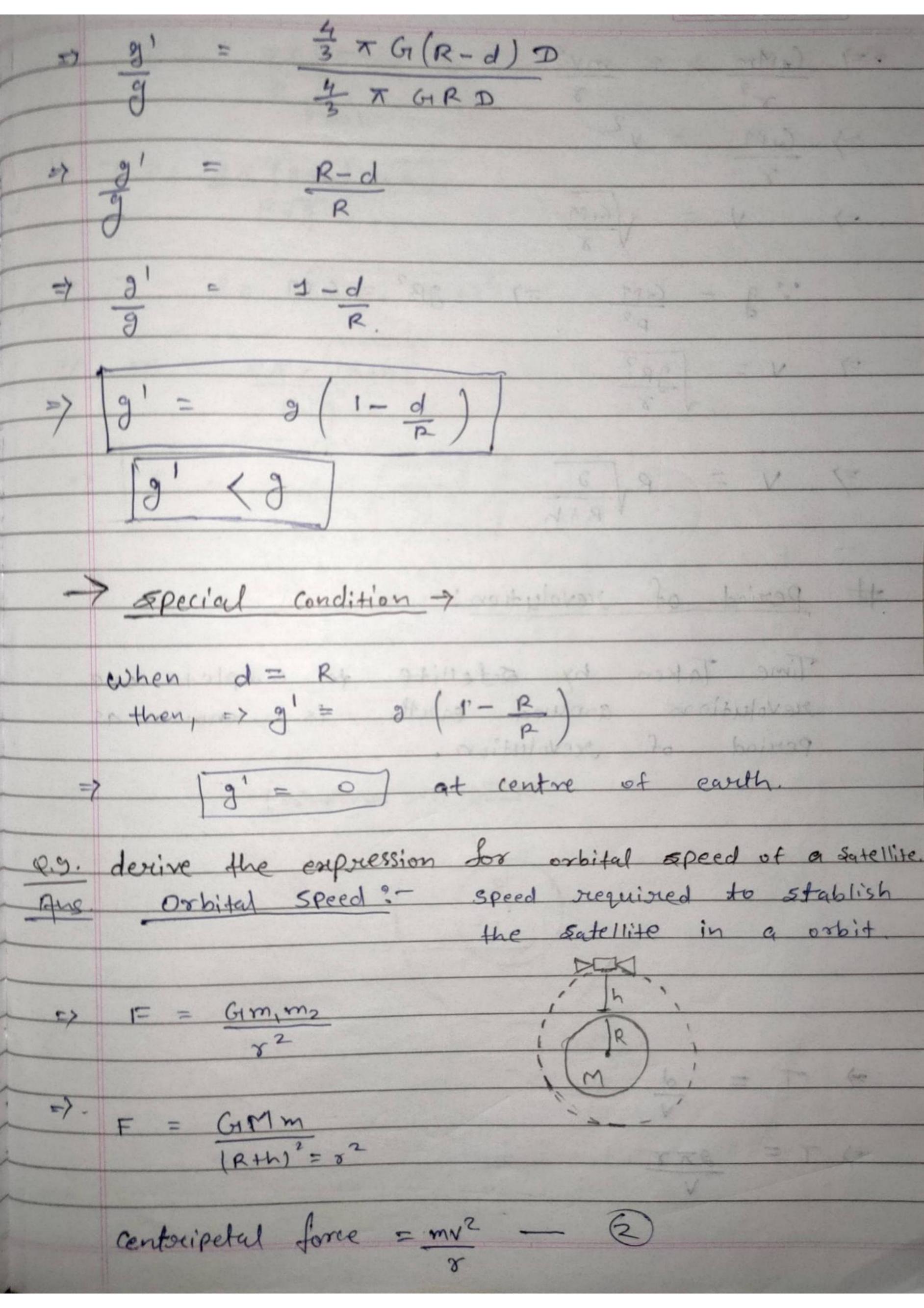
| | Chapter - 8 |
|--------|---|
| | Gravitation |
| | |
| Q.1 | What do you mean by gravitation? |
| Q.Z. | What do you mean by gravity? |
| Q.3. | Write the law of Newton's Universal law |
| | of gravitation |
| 0.4 | What do you mean by acceleration due to gravity |
| Q.5 | Derive relation b/w G and g. |
| | |
| Aus-1 |) wit a body apply an attraction force |
| | two bodies are attracted on the side of |
| | masses each other due to gravitational force |
| | this phenomena is known as gravitation. |
| | |
| Aus-2 | The gravitational force bloo a Planet and |
| | phenomena is known as |
| wilorg | longravity. Im = 7 |
| | sop of aut |
| tus.3 | The FOA is directly proportional to |
| | Product of masses and inversaly proportional |
| | to square of distance |
| | the dead of the seal of |
| => | $T = G_1 m_1 m_2$ |
| | x ² |
| | |
| 7 | G1 = Fx2 frunit of G1:- Nm2/kg2 |
| | m, m2 and G= universal gravitational |
| | constant |
| | $G_1 = 6.67 \times 10^{-11} \text{ Nm}^2/\text{kg}^2$ |
| | |

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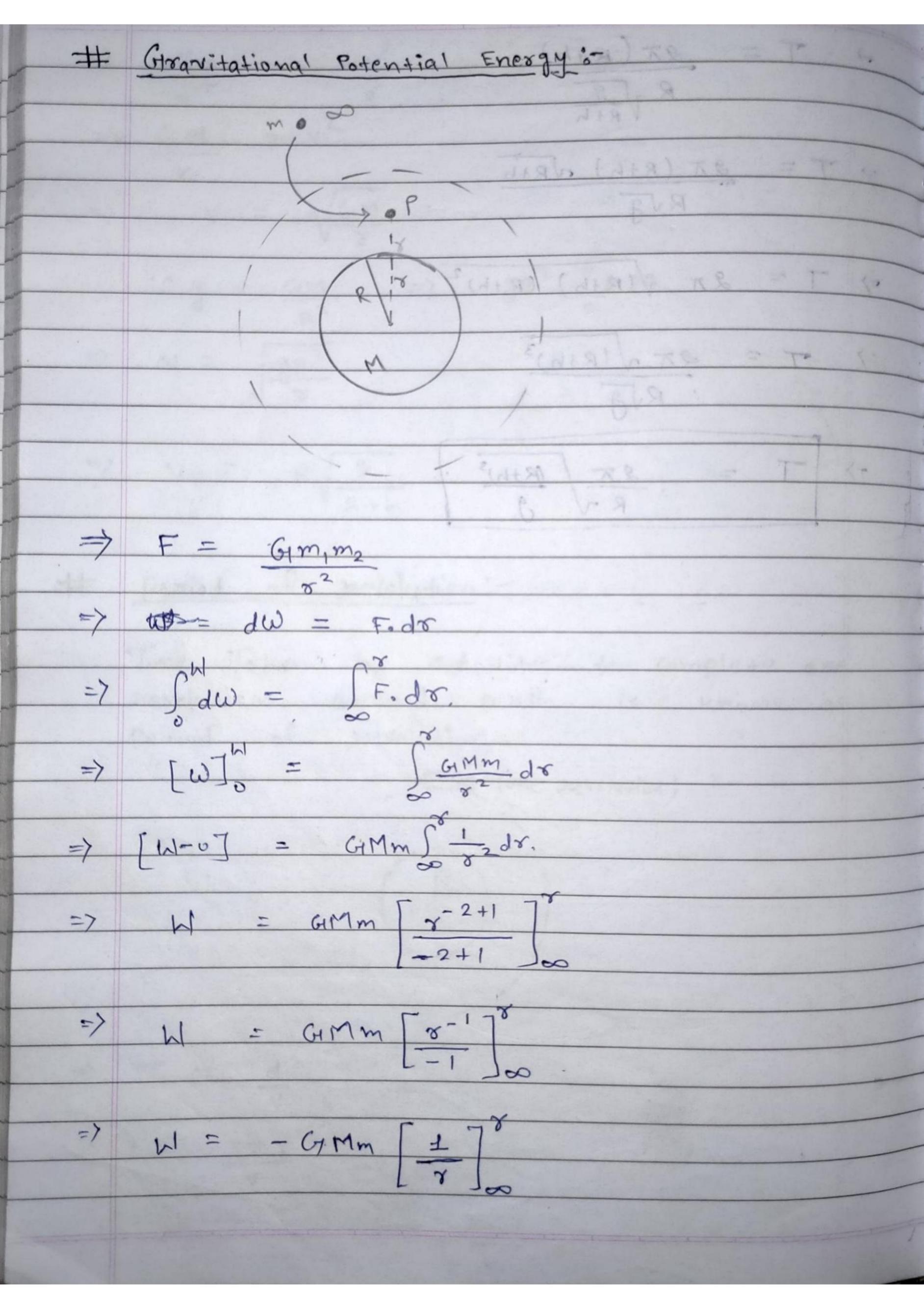


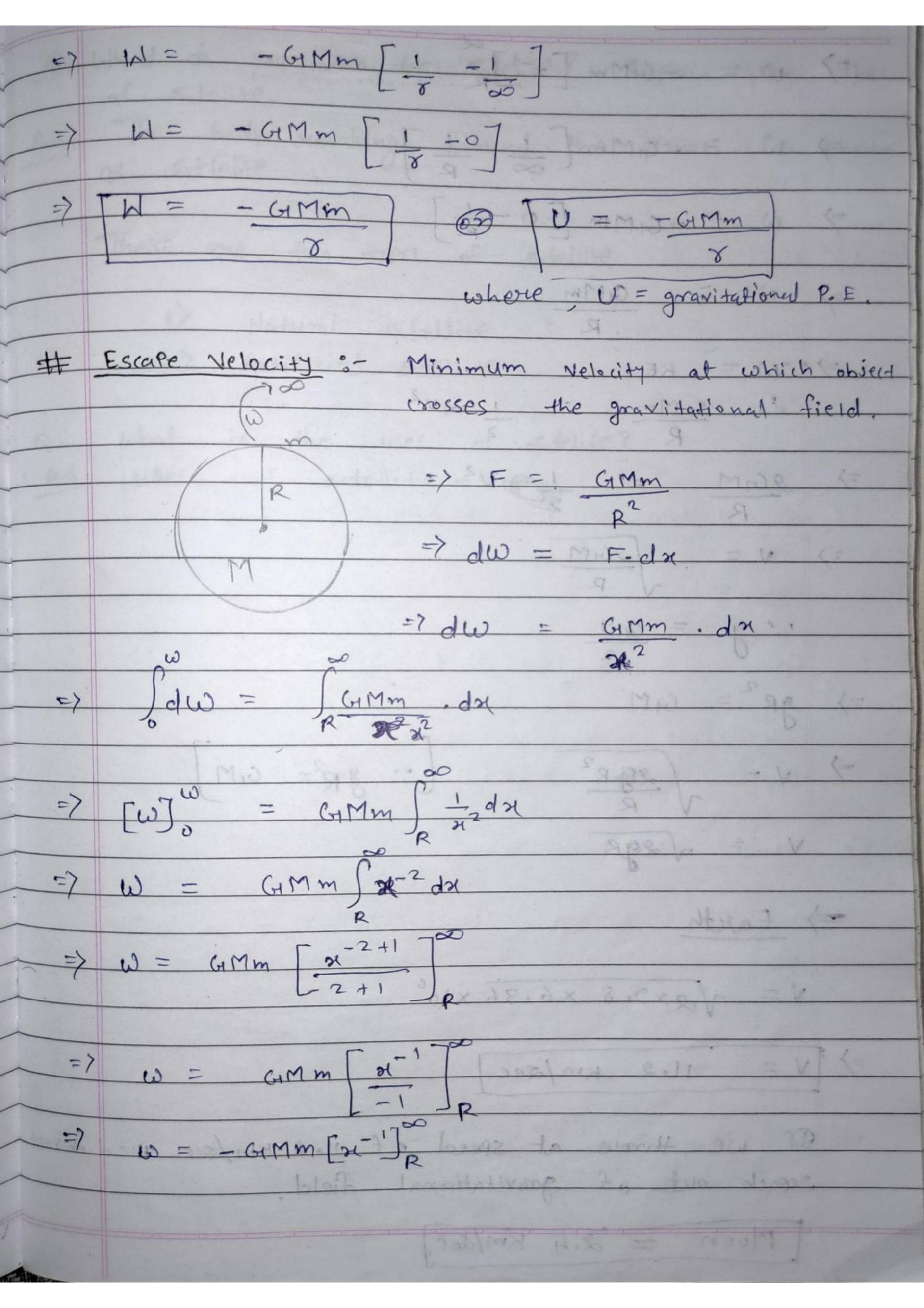


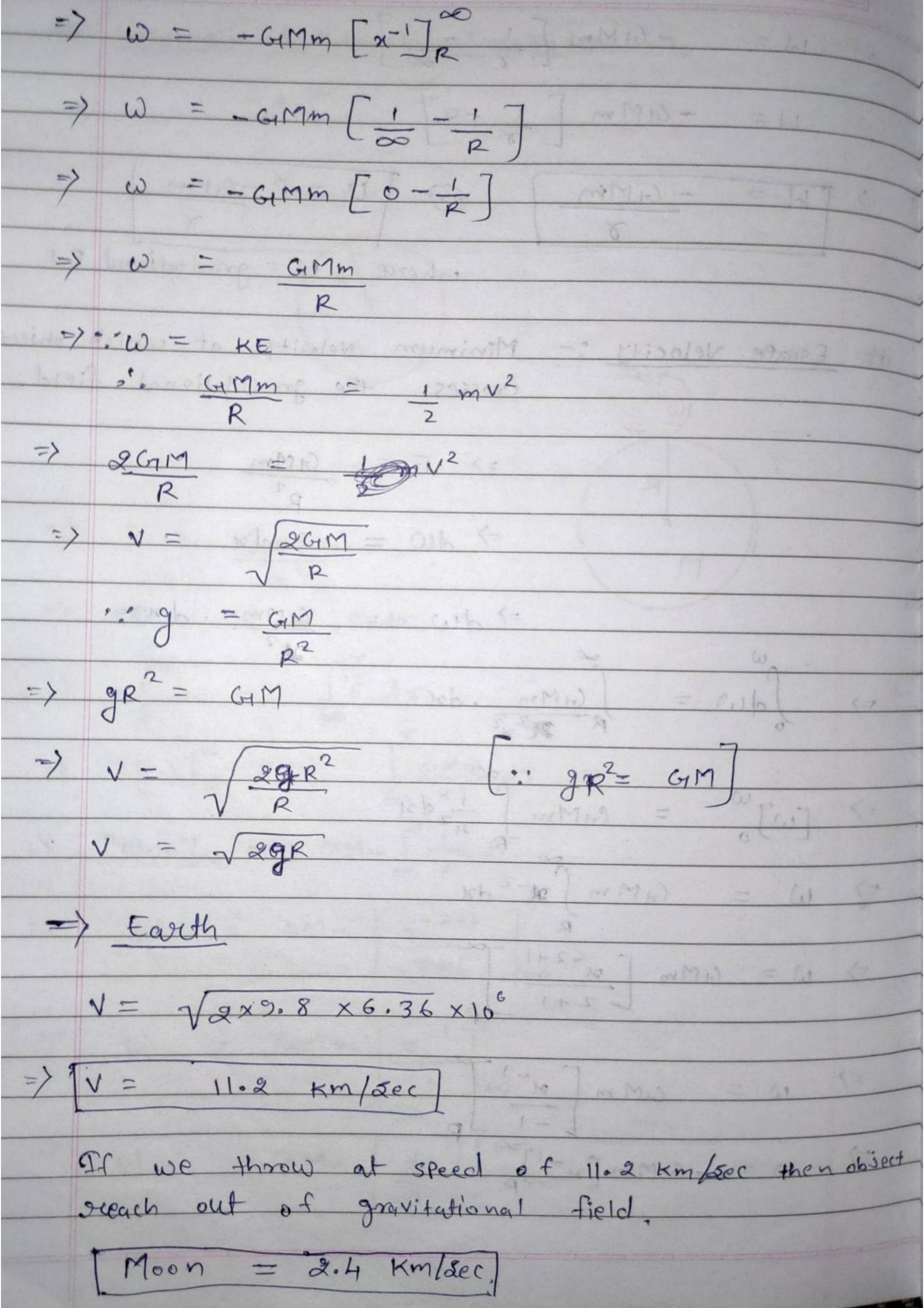


period of revolution: Time Taken by satellite to complete one revolution around earth is known as perciod of revolution. De (one survolvation) 13/36 1 to basson 1,/11 aroiston-and willing mailean Action to the boundary 10 63992 Lotides the Jeale is of the set crey ney is c (Arai

27 (R+h) R Jg R+h 27 (R+h) NR+h RVg $T = 2\pi \sqrt{(R+h)(R+h)^2}$ = 27 V(R+h)3 RV9 externo pro The second secon The I willing a Frenchis 1+5- 7 -2+1 1 + 5000 1-8 MMD







Quality de you mean by Satelite? Emplain the types of Satelite. Ans The body nevolving around the planets is known There are two types of satellite. 1) Natural satellite 2) Artificial Satellite sittille di lidre de de de de de de Q. What is the uses of satelite? Ans. uses of Eastellite -The decided of land of ancal-- 31gavara hoe 2; 82A 70 march for a some internal of the said 0.50 = 050 - Perat Invital 1 AND SOUTH TO SUNT SINT OF PROBLEMENT the season town the season as the Same and and and and

