

of the cone is a of the volume of the sphere.

- of the cone is  $\frac{1}{27}$  of the volume of the spiners. Find the equation of the plane which contains the line of intersection of the plane  $i^*$ , (1+2j+3k)-4=0,  $i^*$ , (2l+j-k)+5=0 and which is perpendicular to the plane  $i^*$ . (5l+3j-6k)+8=0Read the sections thoroughly and then answer the
- questions.

  To complete the paper time management is essential, as the paper is quite lengthy.

  Divide the allotted time as per the questions.

  Make sure that the answers are precise.



नोट- यह प्रतिदर्श प्रश्न पत्र है जरूरी नहीं Kamal Dewan (PGT Maths) है सही प्रश्न परिषदीय परीद्या में आए।