

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu



wtf this great ebook for free?!

#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

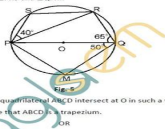
#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

SECTION-D

- Question numbers 25 to 34 carry 4 marks each.
- Show that the line segments joining the mid points of the opposite sides of a quadrilateral bisect each other.
  - Construct a triangle ABC in which  $BC = 8\text{cm}$ ,  $\angle B = 30^\circ$  and  $AB - AC = 3.5\text{cm}$   
OR  
Construct a triangle PQR in which  $\angle R = 45^\circ$ ,  $\angle Q = 60^\circ$  and  $PQ + QR + RP = 11\text{cm}$ .
  - Draw the graph of linear equation  $x + 2y = 8$ . From the graph, check whether  $(-1, 2)$  is a solution of this equation.
  - A storage tank is in the form of a cube. When it is full of water, the volume of the water is  $15.625\text{m}^3$ . If the present depth of the water is  $1.3\text{m}$ , find the volume of water already used from the tank.
  - In Fig.5, PQ is the diameter of the circle with centre O. If  $\angle PQR = 65^\circ$ ,  $\angle RPS = 40^\circ$  and  $\angle PQM = 50^\circ$ , find  $\angle QPM$ ,  $\angle PRS$  and  $\angle QPM$ .



- Diagonals AC and BD of a quadrilateral ABCD intersect at O in such a way that  $\angle AOC = \angle BOD$ . Prove that ABCD is a trapezium.  
OR  
Diagonals AC and BD of a quadrilateral ABCD intersect each other at P. Show that  $\frac{AP}{BP} = \frac{CP}{DP}$  or  $\frac{AP}{CP} = \frac{BP}{DP}$  or  $\frac{AP}{BP} = \frac{CP}{DP}$ .

- The following table shows the amount received on a certain sum of money invested at simple interest for different periods of time:

Time (in years)	2	5	10	15	20
Amount (in Rs.)	240	300	400	500	600

- Plot these points on Cartesian plane, taking Time along x-axis and Amount along y-axis. Join the points. From the graph, write down the amount after 12 years.
- If two equal chords of a circle intersect within the circle, prove that the line joining the point of intersection to the centre makes equal angles with the chords.
  - The circumference of the base of a cone is  $\frac{220}{7}$  cm and its slant height is 13 cm. Find the volume of the cone. (Use  $\pi = \frac{22}{7}$ )
  - Construct a histogram and frequency polygon for the following frequency distribution:  
Weight (in kg): 40-45, 45-50, 50-55, 55-60, 60-65, 65-70  
Number of persons: 15, 25, 28, 15, 12, 9

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