J&K POLICE PUBLIC SCHOOL MIRAN SAHIB JAMMU

HOLIDAYS HOMEWORK CLASS 9TH

Subject: Maths

Lines and angles

1. In the given figure if PQ PS, PQ || SR, SQR = 28° and QRT = 65°, then find the values x

A) 37Â°

B) 53Â°

C) 35Â°

D) 28Â°

4. The angles of a triangle are in the ratio 2 : 3 : 4. Find the greatest angle of the triangle.

9. Fill in the blanks: If the exterior angle of a line is 130°, then the value of its interior angle is

\_\_\_\_\_\_\_\_\_\_\_.

5.In the given figure , line p||q.



A) True

B) False

6. In the given figure lines BC || PQ , if ABP = 105°, find if DCQ



7. In the given figure if y = 40°, find x.



8. : The sum of the angles of a quadrilateral is \_\_\_\_\_\_\_\_\_\_.

The angles of triangle are (x + 10°), (2x – 30°) and x°. Find the value of x.

13.In the given figure, find BOC?



PHYSICS:-

Q1. Draw the model of structure of sodium, nitrogen.

Q2. Write in detail the Rutherford’s model of an atom.

CHEMISTRY:-

Q1. Differentiate between loudness and pitch.

Q2. Write in detail about

1. Work 2 Energy 3. Power

BIOLOGY:-

Q1. Draw a chart regarding the diseases caused by protozoans and bacteria their casual organism, means of spread, symptoms.

Q2. Draw a flow chart of different types of diseases and explain infectious disease?

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fo”k; fgUnh

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iz’u 2 ikB~; iqLrd Li’kZ

x+++n~; Òkx ls lÒh ikBkss ds mn~ns’; o lUns’k fy[ks A

in~; Òkx ls nl &nl vfrfjDr iz’uksÙkj fy[ks A

-iz’u 3 Loj lfU/k o mlds Òsn mnkgj.k lfgr fy[ks A

¼uksV lÒh dk;Z vyx mÙkjiqfLrdk ij djs ½

vfÒyk”kh ‘kekZ

**ENGLISH**

1. Write 2 new words daily from any English newspaper and write its meaning after searching dictionary.
2. Write a paragraph on “How you celebrated Lohri festival.”
3. Write a diary entry on “Your New Year party.”
4. Write and learn names of all the poems and their poets.
5. Prepare a tense chart and learn it.

**Computer**

REVISE

MS POWER POINT UNITS

SOCIETAL IMPACTS OF IT

OPERATING SYSTEM

READ CHAPTER AGAIN AND REVISE ALL BOOK WORK

Subject: social studies

* Learn syllabus of Term-2
* Project work:

1. Rank the states based on
2. Total population
3. Male population
4. Female population
5. Growth rate
6. On the outline map of India, show
7. Area covered by different forest
8. National parks
9. Wild life sanctuaries