

CLASS 10(21/4/20)

**\*MATHS**

- 1) A metallic sphere of radius 4.2 CM is melted and recast into the shape of cylinder of radius 6 centimetre. Find the height of the cylinder
  - 2) Metallic spheres of radius 6cm,8cm,10cm respectively are melted to form a single solid sphere. Find the radius of the resulting sphere.
  - 3) A 20 metre deep well diameter 7 cm is dug and the earth from digging is evenly spread out to form a platform 22m by 14m. Find the height of the platform.
  - 4) How many silver coins, 1.75cm in diameter and of thickness 2 mm, must be melted to form a cuboid of dimensions 5.5cm×10cm×3.5cm
- Solve 15 such type of question based on above from R.S.Agarwal.

**\*HINDI**

- \* Lockdown me samay ka sadupyog vishay par ek nibandh likhiye.

**\*S.St.**

History (Ch-1, The Rise of Nationalism in Europe)

1. Nationalism and Imperialism

- \*Read the topic frame the questions and prepare the notes..

**PROJECT**

1. Find out more about Nationalist symbols in countries outside Europe for one or two countries collect examples of pictures posters or music that are symbols of nationalism how are these different from European examples?
- Make a project file on this topic.....

**\*ENGLISH**

1. Write an explanation of the second paragraph of first poem Dust of Snow in your own words.
2. Frame 5 questions of that same para with answers.
3. Write a letter to the editor of newspaper complaining about the people who are not following the lockdown conditions in your locality.(100-150 words)

**\*SCIENCE**

- 1....Define the following term...

Stimuli, receptor, sense organ effector, synapse, neurotransmitter, pancease, Adrenal gland, Thyroid gland pituitary gland.

- 2....Explain the central nervous system and their part.
- 3....Explain peripheral nervous system and their function.
- 4.... Differentiate b/w Endocrine and exocrine gland with example.