

Y M C A CENTENARY SCHOOL & COLLEGE

CLASS IX - 2020-21

MATHS (PROJECT)

TOPIC :-

CONTRIBUTION OF INDIAN

MATHEMATICIANS (ANY TWO)

LIFE SKETCH AND ACHIEVEMENTS

Zeenat Saleem

YMCA CENTENARY SCHOOL & COLLEGE

PRAYAGRAJ

शीतकालीन परियोजना कार्य [2020-2021]

विषय - हिन्दी

कक्षा - नौवीं (9<sup>th</sup>)

कुल अंक-40

प्रश्न 1:- अर्थ के आधार पर वाक्य भेद चित्र और [20]  
उदाहरण के साथ स्पष्ट कीजिए?

प्रश्न: -[i] दो बच्चों की कथा पात्र परिचय उन सभी के [शु]  
गुणों की विशेषता का वर्णन करते हुए लिखें।

[ii] किसानों और पशुओं के आपसी भावात्मक  
रिश्तों का जीवंत और सजीव चित्रण प्रस्तुत कीजिए।

# Winter Vacation Project

CLASS : IX

SUB : SCIENCE

- 1 \* Chemistry (15)
  - \* Find out contribution of Thomson, Rutherford and Neil Bohr to the development of science especially chemistry
  
- 2 \* Biology (10)
  - \* Draw a well labelled diagram of plant and animal cell, and also write the function of any five cell organelles
  
- 3 \* Physics (15)
  - \* Make your last three months Electricity bill chart. Also explain the rate per unit.

Chem - N. Kaul

Bio - M. Farooqui

Phy - Deepali Singh



YMCA Centenary School and College  
Class IX Session 2020-21

Winter Project  
Social Studies

M.M. 40

10 marks.

History

① World War II:

Summary, Combatants & facts.  
Cause and Effect

Civics

10 marks

① State any four political rights  
of a citizen in a democratic  
state.

← what the farmer protest in  
India shows about its democracy.

Economics

10 marks

Define Poverty and suggest  
measures to eradicate poverty  
in India.

**SUBJECT – GEOGRAPHY** (Outline Political Map of India)

**Chapter -1: India-Size and Location**

- India-States with Capitals, Tropic of Cancer, Standard Meridian (Location and Labelling)

**Chapter -2: Physical Features of India**

- Mountain Ranges: The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats
- Mountain Peaks – K2, Kanchan Junga, Anai Mudi
- Plateau - Deccan Plateau, Chotta Nagpur Plateau, Malwa Plateau
- Coastal Plains - Konkan, Malabar, Coromandal & Northern Circar (Location and Labelling)

**Chapter - 3: Drainage**

*Note: Only map items of this chapter as listed below to be evaluated in Examination.*

**Rivers: (Identification only)**

- The Himalayan River Systems-The Indus, The Ganges, and The Satluj
- The Peninsular rivers-The Narmada, The Tapi, The Kaveri, The Krishna,
- The Godavari, The Mahanadi

**Lakes:** Wular, Pulicat, Sambhar, Chilika

**Chapter - 4: Climate**

- Areas receiving rainfall less than 20 cm and over 400 cm (Identification only)

**Chapter - 5: Natural Vegetation and Wild Life**

- Vegetation Type: Tropical Evergreen Forest, Tropical Deciduous Forest, Thorn Forest, Montane Forests and Mangrove- For identification only
- National Parks: Corbett, Kaziranga, Ranthambor, Shivpuri, Kanha, Simlipal & Manas
- Bird Sanctuaries: Bharatpur and Ranganthitto
- Wild Life Sanctuaries: Sariska, Mudumalai, Rajaji, Dachigam (Location and Labelling)

**Class IX**  
**Winter project (2020-21)**  
**Sub: Computer**

**Total marks :40**

- Q1. Create a presentation on any one of the topic given on page number 414 to 421. (do one slide on one sheet or take hardcopy of your slide and paste them on sheets)**
- a. Global warming**
  - b. Influence of internet and social networking sites on teenagers and young children.**
  - c. Achievers in the field of information technology.**
  - d. Advantages and disadvantages of wireless Technology.**
  - e. Disaster management.**
- Q2. Prepare a Spreadsheet of marks, find sum, average marks, maximum and minimum marks and depict the marks on bar graph in Ms Excel 2016. (page 422 ) .**

**Class IX - ENGLISH**  
**HOLIDAY HOMEWORK**

Q1. Write a story in 150-200 words beginning with the following line and give it a suitable title.

"I was walking alone near the sea beach when I suddenly heard somebody screaming from the pine bushes..... "

Q2. Write an article on 'Snake Charming - A Dying Art' in 100-150 words for the magazine section of NIE (Newspapers in Education) in 'The Times Of India'.

Q3. Write a synopsis of 'The Last Leaf'.