

**ST. THOMAS SCHOOL, DHURWA**  
**SUMMER ASSIGNMENT 2020 - 21**

**STD- 7**

**1. ENGLISH**

**ENGLISH LANGUAGE**

1. Design a poster in an A-4 size paper creating awareness amongst the people in your city to prevent COVID – 19. Write an appropriate slogan and 5 preventive measures to control the deadly virus.

**ENGLISH LITERATURE**

**NEW ASTER ( ADVANCED )**

1. Analyse any one story of R.K. Narayan and give a detailed character sketch of any one character along with suitable picture , message and theme in A-4 size paper .
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**2. MATHEMATICS**

- Q.1 Write the six properties of multiplication of integers.
- Q.2 Evaluate:- (i)  $18 - (20 - 15 \div 3)$   
(ii)  $30 - [8 \div \{31 - (32 - 10)\}]$
- Q.3 Simplify and reduce to a simple fraction:-  
(i)  $4/5 \div 7/15 \times 8/9$

- (ii)  $1/2$  of  $3/4 \times 1/2 \div 2/3$
- Q.4 Construct the given angles with ruler and compass:-
- (i)  $45^\circ$
  - (ii)  $120^\circ$
  - (iii)  $75^\circ$
  - (iv)  $135^\circ$
- Q.5 Define and draw:-
- (i) Collinear points
  - (ii) Concurrent lines
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### 3. PHYSICS

#### PROJECT

Draw diagram of lunar and solar eclipses and explain it in details.  
(Use A4 size paper for Project)

#### **Holiday Home Work : Work Book, Chapters 1, 2**

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### 4. CHEMISTRY

- I. Derive the formula of following compounds using valency exchange method.
1. Ammonium phosphite
  2. Sodium bicarbonate
  3. Magnesium hydroxide
  4. Calcium nitrate
  5. Zinc phosphate
  6. Iron chloride
  7. Copper carbonate
  8. Aluminium sulphate
  9. Ammonium nitrite
  10. Magnesium sulphite
- II. Copy and learn the tables:
- Table 3.1, 3.2, 3.3 (Chapter- Elements, Compounds and Mixtures)
- Table 4.2, 4.3, 4.6 and 4.8 (Chapter – Atoms , Molecules and Radicals)
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## 5. BIOLOGY

**USE : A-4 Size Paper To –**

1. Draw and label neat diagrams of the following.

- (i) A Bacterium
- (ii) An Amoeba
- (iii) A Paramecium
- (iv) A Euglena
- (v) A Neuron

2. Draw a flow-chart of the following tissues:

- (i) Animal Tissues
  - (ii) Plant Tissues
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## 6. HISTORY & CIVICS

Topic : Delhi Sultanate with reference to the art and architecture .  
Illustrate with pictures.

Note: The project should be done in the Classwork notebooks.

## 7. GEOGRAPHY

1. Tourism in Switzerland (Maps and pictures wherever necessary)

- Summary
  - Location of Switzerland
  - Physical Features of Switzerland
  - Climate of Switzerland
  - Tourist Places
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## **8. COMPUTER**

Write Qbasic program for the following:-

1. To find the area of square(Area= side X side).[Use input]
  2. Calculate area of rectangle(Area = Length X Breadth). [Use input]
  3. Simple Interest Calculation ( $SI = (P \times R \times T) / 100$ ). [Use input]
  4. Calculate average of three numbers 17, 21 and 31.
  5. Convert 15kg to gram.
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## **9. SANSKRIT**

## **10.HINDI**

संत थॉमस स्कूल, धुर्वा, राँची

हिंदी परियोजना कार्य (2020 - 2021)

कक्षा	विषय
कक्षा 7	पहचान पत्र के रूप में आधार - कार्ड के बारे में तो आपने सुना ही होगा। बताइए यह क्या है और इसकी क्या उपयोगिता है ? एक सचित्र परियोजना तैयार कीजिए।