

**Mount Litera Zee School**  
**Winter Holiday H.W. 2017-18**

**GRADE-VII**

**SUBJECT-हिंदी**

1. रहीम दास जी ने परोपकार का क्या महत्व बताया है ? उदाहरण सहित स्पष्ट कीजिए ।
2. सच्चे मित्र की क्या पहचान होनी चाहिए ? आप अपने विचार लिखिए ।
3. सप्रसंग व्याख्या कीजिए  
धरती की - सी रीत है सीत धाम और मेह ।  
जैसी परे सो सहि रहे , त्यों रहीम यह देह ॥
4. कंचा खरीदने में अप्पू किसकी मदद लेना चाहता है और क्यों ?
5. मास्टर जी रेलगाड़ी के हरेक हिस्से के बारे में क्या समझा रहे थे ?
6. 'एक तिनका ' कविता में किससे सम्बंधित बात कही गई है ?
7. कवि कई बुद्धि ने कवि को ताना मारते हुए क्या खा ?
8. जिस तरह हाथी की नाक में एक चीटी के चले जाने से हाथी का घमंड टूट जाता है ठीक उसी तरह मनुष्य का घमंड कब और कैसे टूटता है ? सचित्र वर्णन करे ।

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**GRADE-VII**

**Subject-Computer**

1. Using internets find out the names and pictures of spreadsheet software and paste them in your notebook.
2. Make a table of 5 rows and 5 columns. Mention column name and row number. Indicate any cell with its cell address. What formula we use to find out sum, maximum and minimum values of numbers using cell address?
3. Using internets find out the names and logo of search engines. Paste their figure in your notebook.
4. Find out the names of some common websites that provides email services.(Any 5).

**GRADE-VII**

**Subject-G.K**

1. Imagine yourself to be a lover of classical music. Would you look down upon the genre of popular music? Support your response with suitable example.
2. Imagine you love cricket. Will you continue to be a fan of the cricketer? Give reasons for your answer.
3. Revise units 5 and 6.

**GRADE- VII****SUBJECT- ENGLISH**

1. Write a narrative essay on the given topic
  - a. A place where I would like to live.
2. Write a diary entry on the given topics.
  - a. How I spend my winter vacation.
3. Write a letter to your grandmother for sending bicycle on your birthday.
4. Write a letter to the editor about drainage problem in your own locality.
5. Write any imaginative story by using past tense.
6. Project work:

Spain Visit

Key points:

- a. Sight seeing
- b. Festivals
- c. Facts

Note: it should be on A4 size paper. You can use colour and pictures relevant to the project to make it attractive.

From 1 to 5 it should be in English in school copy.

**GRADE- VII****SUBJECT- SST**

1. Flowering of regional culture  
Page no- 113 Q No- 2 and 3
2. Life in desert regions  
Page no- 183 Q No- 5
3. Life in tropical and Sub tropical regions  
Page no- 187 Q No- 2 and 5
4. Role played by Gender  
Page no- 239 Q No-1
5. Complete the incomplete work of Notebook and L.R. of chapters taught.

**GRADE- VII****SUBJECT- SCIENCE**

1. In which type of respiration, aerobic or anaerobic more energy is released from the same amount of glucose? Why? Also write both equations.
2. List the similarities between aerobic and anaerobic respiration.
3. Which will turn lime water milky more appreciably- inhaled air or exhaled air? Why?
4. Draw well- labelled diagram of human respiratory system.
5. What are the three types of salts? Give one example of each type of salt.

6. Why does a yellow curry stain on a white shirt turn red when it is washed with soap?
7. Differentiate Acids and bases. (4 Points)
8. A shopkeeper has a few bottles of soft drinks in his restaurant which are not labelled. One customer wants acidic drink, another want basic drink & third wants neutral drink. How will shopkeeper decide which drink as to be served to whom?
9. 100 ml of water was taken in a measuring cylinder. This water was added dropwise to 50 gm of dry soil kept on filter paper in a funnel. When the water just started dripping from the soil in the funnel, the amount of water left in the measuring cylinder was found to be 80 ml. Calculate the percentage of water absorbed by this soil.
10. 200 ml of water takes 40 minutes to percolate completely in a particular soil. Calculate the percolation rate of water in the soil?
11. Differentiate sandy, clayey & loamy soil.
12. Well labelled diagram of soil profile.
13. What is adaptation? How is polar bear adapted to live in cold polar region?
14. Differentiate weather & climate.
15. Define terms- Camouflage, Migration , Angle of inclination.

**GRADE- VII**

**SUBJECT- Math**

1. Calculate the value of the following :-
  - a)  $1 \times 3 \times 27 \times 243$
  - b)  $5^1 \times 5^2 \times 5^3 \times 5^4 \times 5^5 \times 5^6$
  - c)  $(2^{20} \div 2^{15}) \times 2^3$
2. Find the value :-
  - a.  $\left(\frac{a}{b}\right)^{13} \times \left(\frac{b}{a}\right)^{15} \times \left(\frac{a}{b}\right)^{17}$
  - b.  $(a^2b)^{32} \times (a^2b^2)^{23} \times (ab)^{-10}$
3. Express the following in standard form :-
  - a. 17467050.345
  - b. 6736049200000
4. Express the following in non- standard form:-
  - a.  $7.43 \times 10^7$
  - b.  $6.3005 \times 10^9$
5. Construct triangle whose sides and angles are following:-
  - a. In  $\triangle PQR$  ;  $PQ=6\text{cm}$ ;  $PR= 5\text{cm}$ ;  $QR=4.5\text{cm}$
  - b. In  $\triangle PQR$ ;  $PQ=6\text{cm}$ ;  $\angle Q = 90^\circ$  ;  $QR = 4.5 \text{ cm}$
  - c. In  $\triangle XYZ$ ;  $\angle X=60^\circ$  ;  $XY = 5\text{cm}$ ;  $\angle Y=60^\circ$
  - d. In Right  $\triangle ABC$  ;  $\angle B=90^\circ$   $AB= 5\text{cm}$ ;  $AC=12^\circ\text{cm}$
6. What is rotational symmetry; explain with two examples.
7. Draw a figure with rotational symmetry of order 6.