Delhi Public School Guwahati

# HOLIDAY HOMEWORK (2014-15) CLASS VIII

#### Subject: Assamese

Collect the photographs of any three Nobel prize winner from India and write briefly about them.

#### Subject : French

Regardez un film français et ecrivez sommaire /résumé en français

(Watch a french movie and write the summary of the film.)

### Subject: Maths

- 1. What should be subtracted from the product of  $\frac{2}{7}$  and  $\frac{3}{8}$  to get  $\frac{-3}{7}$ ?
- 2. Seven times the reciprocal of a number plus  $\frac{2}{3}$  is 3. Find the number.
- 3. Give one rational number which is  $\frac{3}{4}$  less than twice the last one digit number.
- 4. Simplify using distributive property:  $\left(\frac{-3}{7} \times \frac{2}{3}\right) + \left(\frac{-3}{10} \times \frac{-3}{7}\right) \left(\frac{-3}{7} \times \frac{7}{30}\right) + \left(\frac{3}{20} \times \frac{-3}{7}\right)$
- 5. How many rational numbers can you find between 3 and 4? Find 69 rational numbers between  $\frac{-5}{11}$  and  $\frac{3}{11}$ .
- 6. Using arithmetic mean, write three rational numbers between  $\frac{12}{5}$  and  $\frac{10}{3}$ .
- 7. Evaluate:  $\left[\frac{13}{9} \times \left(\frac{-12}{26}\right)\right] \left(\frac{3}{7} \times \frac{7}{5}\right) + \left[\frac{2}{3} \left(\frac{4}{5} \div \frac{2}{15}\right)\right]$
- 8. Solve the following and check your answer:

i) 
$$0.5x + \frac{x}{3} = 0.25 + 7$$
 ii)  $a - \left(3a - \frac{2a - 5}{10}\right) = \frac{2a - 57}{6} - \frac{5}{3}$  iii)  $\frac{y - (7 - 8y)}{9y - (3 + 4y)} = \frac{2}{3}$ 

- 9. Three numbers are in the ratio 4:5:6. If the sum of the two smaller numbers 30 more than the larger number, find the numbers.
- 10. By selling a watch at 15% loss and a TV at a profit of 10%, a shopkeeper makes a profit of Rs350. If the TV costs five times the watch, find the cost of the TV.
- 11. Five years ago a man was seven times as old as his son. Five years hence, the father will be three times as old as his son. Find their present ages.
- 12. Two cars leave the same place at the same time in the opposite directions. One of them travels at 60km/h and other at the rate of 45km/h. In how many hours will they be 420km apart?
- 13. The interior angle of a regular polygon exceeds its exterior angle by 108<sup>0</sup>. How many sides does the polygon have?
- 14. The sum of the interior angles of a regular polygon is three times the sum of its exterior angles. Determine the number of sides of the polygon.
- 15. The angle between the altitudes of a parallelogram, through the same vertex of an obtuse angle of a parallelogram is  $60^{\circ}$ . Find the angles of the parallelogram.
- 16. In a parallelogram ABCD, the bisectors of  $\angle A$  and  $\angle B$  meet at O. Find  $\angle AOB$ .
- 17. If the diagonals of a rhombus are 12cm and 16cm, find the length of each side.

- 18. Two adjacent angles of a parallelogram are  $(5x-3)^0$  and  $(6x-69)^0$ . Find all the angles of the parallelogram.
- 19. Find the measures of x , y and z in the following parallelogram



### Subject: English

- *a*) Read the book ANIMAL FARM by *George Orwell*
- b) Complete the exercises from the listed chapters of the workbook:-
- i) Ozymandias, page nos 7-9
- ii) Nimai Forever, page nos 11,12(B), 14,15
- iii) The Way through the Woods, page nos 18,19,20(B,C)

Subject: Sanskrit

Write and learn shabdaroopani of Kim trishu Lingeshu. Write and Learn Dhathuroopani of Kri and Sev

### Subject: History(to be done on Classwork copy)

#### Multiple Choice Questions .

1. He was the last of the powerful Mughal rulers....

a)Bahadur Shah Jafar b) Akbar c)Aurangzeb d)Shahjahan

2. The East India Company acquired the charter from Queen Elizabeth, granting it the sole right to trade in....

a)1595 b)1600 c)1605 d)1610 3. Aurangzeb's *farman* granted the company the right to.....

- S. Aurangzeo's jurman granted the company the right to.....
- a) trade duty free b)build forts c)carry private trade d)mint coins
- 4. Murshid Quli Khan was followed by \_\_\_\_\_\_and then Sirajuddaulah as the Nawab of Bengal.

a)Mir Jafar b)Mir Qasim c)Alivardi Khan

d) Gaffar Khan

5. Battle of Buxar was fought between...

a) Mir Qasim and the British. b)Alivardi Khan and the British

- c)Mir Jafar and the British d) Sifrajuddaulah and the British.
- 1. Known as the 'Tiger of Mysore', he was killed in Seringapatam while confronting the British.

a)Tipu Sultan	b)Haidar Ali	c)Shivaji d)Rat	njit Singh
2. He was the last of the powerful Mughal rulers			
a)Bahadur Shah Jafar d)Shahjahan	b) Akbar	c)Aurangzeb	
3. The East India Company acquired the charter from Queen Elizabeth, granting it the sole right to trade in			
a)1595	b)1600	c)1605	d)1610
4. Aurangzeb's <i>farman</i> granted the company the right to			
a) trade duty free coins	b)build forts	c)carry private trade	d)mint
<ol> <li>Murshid Quli Khan was Nawab of Bengal.</li> </ol>	followed by	and then	Sirajuddaulah as the
a)Mir Jafar	b)Mir Qasim	c)Alivardi Khan	
d) Gaffar Khan			
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Subject: Civics (to be done on Classwork copy)			
<u>Chapter 3: Why Do We Need a Parliament?</u>			

To collect information on the recent Lok Sabha elections held through various news paper clippings, magazines cut outs, etc. and write a paragraph on it in your civics copy. ( word limit: 200 words)

Subject: Geography to be done on Classwork copy)

1. Write a paragraph on any one of the following natural disasters .Paste pictures and write three mitigation strategies:

- > Flood
- > Earthquake
- ➤ Tsunami

2. On an outline map of India locate and label two national parks located in each northern, southern, eastern and western India.

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# **Subject : Physics**

**Q.** Perform the following activities and write down your observations along with diagram.(in your Physics class work copy)

(i) To show that the pressure exerted by liquids is same at same depth.

(ii) To show that the pressure exerted by liquids is different at different depth.

## **Subject: Chemistry**

**1.** You must have heard of a campaign "Say no to plastics". Coin at least two more slogans of this kind. Also write brief information on any govt. /non govt. organization who educate general public on how to make wise use of plastics & develop environment friendly habits.

2. Find out the location & the deposit of iron, aluminium & zinc in India make these in an outline map of India which is the most abundant metal & non-metal found in earth crust.

# **Subject: Biology**

Draw a map of Assam (in A 4 paper) and locate the National parks & Wild Life Sanctuaries in Assam

Subject: **igeh** 

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