

Subject: English

O. P. JINDAL SCHOOL, PATRATI

Std: VIII

## Holiday Homework

Q1. Answer the following questions in 30-40 words:-

(a) What according to Farhana, is the primary cause of climate change?

(b) What should we do to make the world wiser?

(c) Name two things that the speaker fears?

Q2. Make a poster about environmental hazards. Choose any two hazards and point out how things were earlier and what they are like today. Suggest a few measures that we must take so as to protect the environment. Try not to exceed 40 words.

Q3. Make three bookmarks in a beautiful, handy - look for your English books and notebooks.

Q4. Write a notice to invite students of std. VII and VIII to participate a debate on the topic 'Should homeworks be given to school children?' You are the Secretary of Literary Club of your school.

Q5.) Make a table with the informations of the chapters you have read in your coursebook, in the format given as below:

Name of the Chapter	Author/Poet	Name of Characters
---------------------	-------------	--------------------

Q6.) Write a diary entry of the day on which you celebrated a festival. For example - Deepawali or Dushehra or Eid etc. Follow the correct format.

Q7.) You are Bisha Sharma of class 8. As the President of the Reading Club of your school, write an application to the Principal, requesting his permission to conduct a book exchange program for the students of 7 and 8.

Q8.) With reference to page no 71. of your coursebook, write an acrostic poem on the title as "LEARN".

—:—



1. Short answer type questions :

- a) Define the term IDLE.
- b) What are Identifier and Punctuators ?
- c) What is character set ?
- d) Explain two modes to work in Python.
- e) What do you mean by an expression in a program?  
Write example.
- f) Write python script to calculate and print square of a number (say num = 5)

2. Long answer type questions :

- a) What are variables? List any four rules for defining a variable.
- b) Explain different Data Types in Python.
- c) List the guidelines for creating Identifiers in Python.
- d) Write a program to input Principle, Rate and Time to calculate simple interest.



## Holiday Homework

class- VIII

Subj - Maths (Mathematics)

① The diagonals of a rhombus are 7.5 cm and 12 cm.  
Find its area.

② Find the area of a rhombus whose side is 6 cm and whose altitude is 4 cm.

③ Subtract

$$3a(a+b+c) - 2b(a-b+c) \text{ from } 4c(-a+b+c)$$

④ Simplify

$$(1.5x - 4y)(1.5x + 4y + 3) - 4.5x + 12y$$

⑤ Solve  $1.05 \times 9.5$  by using identities.

⑥ Show that

$$\left(\frac{4}{3}m - \frac{3}{4}n\right)^2 + 2mn = \frac{16}{9}m^2 + \frac{9}{16}n^2$$

⑦ Prove that

$$(a-b)(a+b) + (b-c)(b+c) + (c-a)(c+a) = 0$$

⑧ Find the height of a cuboid whose base area is  $180 \text{ cm}^2$  and volume is  $900 \text{ cm}^3$ ?

⑨ If each edge of a cube is doubled

(i) how many times will its surface area increase?

(ii) how many times will its volume increase?

⑩ Find the height of the cylinder whose volume is  $1.54 \text{ m}^3$  and diameter of the base is 140 cm?

लघु उत्तरीय प्रश्न :-

1. अम्मा कहां जाने के लिए सामान बाँधने लगी थी?
2. मुर्गा कहां कूद पड़ा था?
3. पहली बोलती फिल्म के नायक कौन थे?
4. पहली शराब फिल्म में कितने कलाकारों ने काम किया था?
5. सुदामा ने चावलों की पीटली कहां रखी हुई थी?
6. श्रीकृष्ण ने सुदामा की दशा कैसी देखी?

दीर्घ उत्तरीय प्रश्न :-

1. अल्ता जी ने बच्चों को सबसे पहले कौन-सा काम करने को बताया?
2. आलम आरा फिल्म में संगीत में प्रयुक्त वाद्ययंत्रों का नाम लिखिए?
3. आलम आरा फिल्म में विट्टल के अलावा कौन-कौन से प्रसिद्ध कलाकारों ने काम किया?
4. सुदामा कौन थे? वे किस हाल में श्रीकृष्ण के पास गए थे?

## Vacation Homework for class VIII

प्र० १. एकपदेन उत्तरत -

- (क) दिष्ट्या का समागता ?
- (ख) यत्र नार्यः न पूज्यन्ते तत्र किं भवति ?
- (ग) शकेशः कस्याः तिरस्कारं करोति ?
- (घ) राजपरिमाणं कः धारयति ?
- (ङ) कै रिलिपरूपेण न समावृताः भवन्ति ?
- (च) कस्य राज्यस्य भागेषु राजधरः शक्यः प्रजुज्यते ?

प्र० २. पूर्णवाक्येन उत्तरत -

- (क) सायंकाले आता कार्यालयात् आगत्य किं करोति ?
- (ख) शापलिनी आतरम् कां प्रतिज्ञां कर्तुं कथयति ?
- (ग) तडागाः कुत्र निर्मायन्ते स्म ?
- (घ) राजधराः किं कुर्वन्ति स्म ?

## Holiday Home work

Class VIII Subject Science

### Short Answer Type Question

1. What is lighting?
2. Write any two examples of electrolyte.
3. Define 'cell theory'.
4. Give the definition of cell. Who coined the term cell at first?
- 5 (i) What is combustion? Write the necessary conditions for combustion.  
(ii) Classify different types of combustion with one example of each.
6. The calorific value of petrol and CNG are 45,000 KJ/kg and 50,000 KJ/kg, respectively. If you have vehicle which can run on petrol as well as CNG, which fuel will you prefer and why?

### Long Answer Type Question.

- 7 (a) Compare LPG and wood as fuels.  
(b) Write the ideal characteristics of fuel.

8. Which zone of a flame does a goldsmith use for melting gold and silver and why?

9. Explain briefly electroplating. Using neat and clean diagram show how a ring made up of iron can be electroplated with silver.

10. Why plasma membrane is called semi permeable membrane?

11. Draw the labelled diagram of a typical plant cell.

12. Differentiate between the following —  
(a) cell membrane and cell wall.  
(b) function of mitochondria and function of Golgi body.



O.P. JINDAL SCHOOL, PATRATU.

Subject:- Social Science.

Class- VIII

- (1) What do you mean by Jamdani?
- (2) What was 'Calico Act'?
- (3) What do you mean by a parliamentary form of government?
- (4) What are the various features of the Indian Constitution?
- (5) What do you mean by agriculture?
- (6) What is plantation agriculture?
- (7) What problems did the Indian textile industry face in the early years of its development?
- (8) What do you mean by Muslin? Mention any five varieties of cloth that were popular in the European markets. Explain it.
- (9) Who was the first President of Independent India? Mention any two powers and functions of the President of India.
- (10) What do you mean by farm system? Write the types of farming and explain it.