

## Summer vacations holiday homework

2019-2020

### Class-IX ENGLISH

QUE.1 What subject did Margie and Tommy learn?

Que.2 where does the traveler find himself? what problem does he face ?

Que.3 how old was Evelyn when she went to the Royal Academy of music ?

Que.4 What are the things the child sees on his way to the fair ? why does he lag behind ?

Que.5 Toto was a pretty monkey ? In what sense is Toto pretty ?

Activity- moral story

Means of difficult meaning in the chapter

#### ग्रीष्मावकाश हेतु गृहकार्य(9-कक्षा)

प्रश्न .1 निम्नलिखित शीर्षक पर निबंध लिखिए-

पर्यावरण सुरक्षा और मेरी कल्पना का विद्यालय

प्रश्न .2 पिछले कुछ दिनों से आपके क्षेत्र में बाल अपराध ., चोरी की घटना आदि को रोकने के लिए अपने जिले के पुलिस अधीक्षक को प्रार्थनापत्र लिखिए।-

.खग्रीष्मावकाश के दौरान आप शिमला घूमने गए। वहाँ के प्राकृतिक सौन्दर्य का वर्णन करते हुए अपने मित्र को पत्र लिखिए।

प्रश्न .3 अलंकार किसे कहते हैं। अनुप्रास, यमक, श्लेष, उपमा, रूपक, उत्प्रेक्षा, मानवीकरण अलंकार के दो-दो उदाहरण लिखिए।-

प्रश्न .4समास की परिभाषा लिखिए। तत्पुरुष, अव्ययीभाव, द्विगु, बहुव्रीहि, द्वन्द्व, कर्मधारय समास के पाँचपाँच उदाहरण लिखिए।-

प्रश्न .5मुंशी प्रेमचंद की कोई एक कहानी पढ़िए। कहानी का सारांश लिखिए।

#### CLASS – IX SCIENCE

Note: - Make an activity notebook of 150 pages and do homework on it.

Q1:- Draw well labelled diagram of animal and plant cell showing difference between them. Also write these difference.

Q2:- Draw the structure of Mitochondria. Explain how it is different from plastid.

Q3:- Name the control room of the cell and diagrammatically show its components.

Q4:-Collect information about fourth and fifth state of matter.

Q5:- Make a science project (model or investigatory) for science exhibition on any of the following theme.

a) Energy                      b) Agriculture                      c) Waste management and water body conservation  
d) Digital and technological solution                      e) Health and wellbeing

Q6:- Make collage on water – Save water save future.

Q7:-Collect information about 10 scientist and write their contribution in the field of science and technology.

#### HOLIDAY HOMEWORK FOR SUMMER VACATION

CLASS IX

MATHEMATICS

PROJECT( In group):

Search the information about pie  $\pi$  and write it in a file Or prepare a PPT on this topic

PROJECT( Individual):

Draw 5 different polygons on Cartesian plane and write the coordinates of all vertices

ASSIGNMENT: Solve the following questions in a separate notebook

1. Express  $2157/625$  in decimal form.
2. Express  $0.35353535\dots$  in the form of  $p/q$ .
3. Find two irrational numbers between  $\sqrt{2}$  and  $\sqrt{3}$ .
4. Represent  $\sqrt{3.5}$  on number line
5. Represent  $0.42424242\dots$  on number line
6. Represent  $\sqrt{5}$ ,  $\sqrt{3}$  on number line
7. Find the value of  $a$  and  $b$  if,  
$$\frac{\sqrt{3}-1}{\sqrt{3}+1} = a + b\sqrt{3}$$
8. If  $x + y = 12$  and  $xy = 27$  find the value of  $x^3 + y^3$
9. If  $a-b = 4$  and  $ab = 45$  find the value of  $a^3 - b^3$
10. Factorise  $64a^3 - b^3$
11. Factorise  $8x^3 - 27y^3 + z^3 - 18xyz$
12. Find the remainder when  $x^4 - 3x^2 + 2x + 5$  is divided by  $x-1$
13. Find the remainder when  $y^3 + y^2 + 2y + 3$  is divided by  $y+2$
14. Find the value of  $k$  if  $x+3$  is factor of  $3x^2 + kx + 6$
15. Factorise the polynomial  $x^3 - 6x^2 + 11x - 6$

### HOLIDAY HOME WORK (SUMMER VACATION)

CLASS-9<sup>TH</sup> (A,B,C)

SUB – (SOCIAL SCIENCE)

- 1 Find out the longitudinal and latitudinal extent of your state
- 2 collect information about the silk route .
- 3 Map skill
- 1 The state through which the tropic of cancer passes .
- 2 The eastern and the western most longitude in degrees .

### PROJECT

### 3 Disaster Management

#### कक्षा - 9 अ /ब /स ( SANSKRIT)

- (१) शब्दरूप लेखनम् - बालक,मुनि,लता, फल , किम्
- (२) धातुरूपलेखनम् - 'गम्, सेव् धातुरूप सभी लकारो में
- (३) दश श्लोक लेखनम्
- (४) उच्चारण स्थानानि
- (५) प्रत्यय : क्त्वा ,ल्यप् उदाहरणसहितम्