

# **Srinath Public School**

## **Summer Vacation Holiday Work**

**Class:VIII A/B**

<b><u>Subject</u></b>	<b><u>Questions</u></b>
<b>English</b>	<p>1. Comic Strips Create comic strips on chart paper showing any short story of your choice. Use illustrations and dialogues to make it interesting.</p> <p>2. Literary Devices Write down various literary devices (such as simile, metaphor, personification, etc.) on a chart paper. Include definitions and examples, and decorate it attractively.</p> <p>3. Tense Chart Make a comprehensive tense chart in your English language notebook. Include all types of tenses along with their structures and examples.</p> <p>4. Essay Writing Write essays in your language notebook on the following topics: a. Effects of Pollution on the Environment b. Role of Students in Nation Building</p> <p>5. Vocab diary Write one word each day in a diary with its meaning and sentence.</p> <p>6. Read the recommended book and write the book review. Book name- 1. The adventures of Huckleberry Finn Or 2. The Midsummer Night's Dream</p>
<b>Hindi</b>	<p>1) अतुल्य भारत शीर्षक से एक परियोजना कार्य तैयार कीजिए। इसमें भारत की भौगोलिक स्थिति तथा प्राकृतिक सुषमा का वर्णन चित्र सहित करें।</p> <p>2) रविंद्र नाथ ठाकुर द्वारा रचित दस कहानियों तथा दस उपन्यासों के नाम लिखें।</p> <p>3) झांसी की रानी की वीरता की कहानी अपने शब्दों में चित्र सहित लिखें।</p> <p>4) गर्मियों की छुट्टियों में आपकी दिनचर्या क्या रही? अपनी नानी जी को पत्र लिखकर बताइए।</p> <p>5) भारत के कोई दस राज्य तथा उन राज्यों में बोले जाने वाली भाषाओं की सूची तैयार करिए।</p> <p>6) महिला सशक्तिकरण के लिए सरकार ने क्या-क्या योजनाएं आरंभ की हैं? पता करके एक सूची बनाइए।</p> <p>7) "EVERY CHILD IS SPECIAL" फिल्म देखिए तथा इससे आपको क्या शिक्षा मिलती है दस वाक्यों में लिखिए।</p> <p>8) भारत के किन्हीं चार त्योहारों को चित्र के द्वारा प्रदर्शित करें।</p> <p>9) दस पेज सुलेख लिखिए।</p> <p>10) पढ़ाए गए सभी पाठों की पुनरावृत्ति करें तथा प्रश्न उत्तर याद कीजिए। "स्वस्थ रहें।" "खुश रहें।" तथा "अपने माता-पिता का ध्यान रखें।"</p>

## BIOLOGY

### GIVE ONE WORD ANSWER:

1. Name any two fertilisers.
2. Name two weeds.
3. Name two rabi crops.
4. Name two kharif crops.
5. Name a tool which is used for removing weeds and for loosening soil.
6. What is the process of loosening and turning of the soil called?
7. What is the process of supplying water to crops at different intervals is called?
8. What is the process of separation of grain from chaff called?
9. Name the ideal months for the harvesting of rabi crops.
10. What is the name of the undesirable plants that grow among the crops?

### ANSWER THE QUESTIONS BRIEFLY:

1. What is a crop?
2. What do you mean by produce?
3. Explain the term levelling.
4. What are the advantages of levelling?
5. Explain the term transplantation.
6. What are the advantages of manure?
7. What are the different steps of agricultural practices?
8. Write short note on the terms:  
a. Storage                      b. Harvesting

9. What is crop rotation? What is the advantage of crop rotation?

MAKE A LIST OF 20 DISEASES CAUSED BY DIFFERENT MICROORGANISMS, ITS CAUSATIVE AGENT AND ITS SYMPTOMS.

10. Collect 5 types of Rabi crops and 5 types of Kharif crops, put it in a packet and staple it in your Classwork copy.

## CHEMISTRY

### SHORT ANSWER

1. A synthetic fiber which looks like silk is obtained by chemical treatment of wood pulp. It is, therefore, known as artificial silk. What is its common name?
2. Terrycot is made by mixing two types of fibres. Write the names of the fibres.
3. Plastic articles are available in all possible shapes and sizes. Can you tell why?
4. Plastic is used for making a large variety of articles of daily use and these articles are very attractive. But it is advised to avoid the use of plastic as far as possible. Why?
5. Why is it not advisable to burn plastic and synthetic fabrics?
6. Rohit took with him some nylon ropes, when he was going for rock climbing. Can you tell why he selected nylon ropes instead of ropes made of cotton or jute?
7. PVC (polyvinyl chloride) is a thermoplastic and is used for making toys, chappals, etc. Bakelite is a thermosetting plastic and is used for making electrical switches, handles of various utensils, etc. Can you write the major difference between these two types of plastic?

### LONG ANSWER

1. Write the importance of synthetic polymers in our life.

	<p>2. Despite being very useful it is advised to restrict the use of plastic. Why is it so? Can you suggest some methods to limit its consumption?</p> <p>3. Write an activity to show that synthetic fibres are stronger than the cotton fibres.</p> <p style="text-align: center;"><b>PHYSICS</b></p> <p>Define the following</p> <p>a) Force                      b) Effect of force                      c) Types of force                      d) Pressure</p> <p>e) Factors affecting pressure in fluid                      f) Atmospheric pressure</p> <p>Numerical questions :</p> <p>1 The elephant weighs 20,000 N stands on one foot of area 1000 cm<sup>2</sup>. How much pressure would it exert on the ground?</p> <p>2 Calculate the pressure produced by a force of 800 N acting on an area of 2.0 m<sup>2</sup>.</p> <p>3 The pressure of a gas contained in a cylinder with a movable piston is 0.5 m<sup>2</sup>. Calculate the force that is exerted on the piston.</p> <p>4 swimming pool of width 9.0 m and length 24.0 m is filled with water to a depth of 3.0 m. Calculate pressure on the bottom of the pool due to the water.</p> <p>5 Find the thrust required to exert a pressure of 50,000 Pascal on an area of 0.05 m<sup>2</sup>.</p> <p>6. Find the area of a body which experiences a Pressure of 50,000 Pa by a thrust of 100 N.</p> <p>7 Calculate the pressure in Pascal exerted by a force of 300 N acting normally on an area of 30 cm<sup>2</sup>.</p> <p>8. How much thrust will be required to exert a pressure of 20,000 Pa on an area of 1 cm<sup>2</sup>?</p> <p>9. The base of a container measures 15 cm x 20 cm. It is placed on a table top. If the weight of the container is 60 N, what is the pressure exerted by the container on the table top ?</p>
<b>Social Science</b>	<p><b>GEOGRAPHY :</b></p> <p>1. Make a flow chart about all type of Resources based on different accept with proper example and place pictures wherever required.</p> <p>2. What are the factors that help in the development of resources? Give a brief description.[Notebook]</p> <p>3. Draw a map of India by your own hand showing distribution of soil with proper colour in your copy.[Chart paper]</p> <p><b>HISTORY :</b></p> <p>1. Prepare a Power Point Presentation on different land revenue systems introduced by the British. Describe in detail their conditions and impacts on peasants , zamindars and the British.</p>
<b>Maths</b>	<p>1. Rational numbers</p> <p>2. Exponents</p> <p>Solve all the exercises in note copy.</p> <p>Project: The importance of Mathematics in everyday life. (in file)</p>
<b>Sanskrit</b>	<p>1. अस्मद् और युष्मद् शब्द का रूप तीनों वचन एवं सभी विभक्तियों में लिखें।</p> <p>2. निम्नलिखित धातुओं के रूप तीनों पुरुष एवं वचनों में लिखें। धातु -गम्, वद, भू, लट्, लङ्, लोट्, विधिलिङ्।</p> <p>3. नोट बुक में प्रथम् और द्वितीय पाठ के अभ्यास प्रश्न -उत्तर एवं शब्दार्थ लिखें।</p> <p>4. परियोजना कार्य -स्वामी विवेकानंद का जीवन परिचय ( जन्म, शिक्षा, अध्यात्म ज्ञान, राष्ट्र के प्रति योगदान इत्यादि)</p>



## Computer

- **To be done in Computer Copy.**

Q1. What is Computer Network? What is the need of computer Network?

Q2. Explain any 5 uses of Computer Network.

Q3. Write 5 advantages and disadvantages of Computer Network.

Q4. Write the use of following networking devices:

a. NIC    b. Modem    c. Hub    d. Switch    e. Router

Q5. Define the following terms:

a. Node    b. Packet    c. Protocol    d. Bandwidth    e. Latency

Q6. Explain with a neat diagram the different types of Network based on Area.

Q7. Define Topology. Explain the following topologies (with diagram) along with one advantage and Disadvantage of each.

a. Bus    b. Star    c. Ring    d. Tree    e. Mesh

Q8. Write the use of following network protocols:

a. HTTP    b. FTP    c. TCP/IP    d. SMTP    e. IMAP

Q9. Explain the difference between P2P and Client-Server Architecture.

Q10. Explain the steps of sharing a file on Google drive.

Q11. What is a Variable? Write the rules of naming a variable.

Q12. Explain any 5 features of Python Language.

Q13. Explain briefly the different data types of Python.

Q14. What is a variable? Write any three rules of naming a variable.

Q15 Write the output of the following

x=5, y=10, z=2 w=50, t=3

a. w%x

b. y//t

c. x\*\*z

d. z\*=4

e. y!=w