



# RASS-JB Public School Datia

Holiday Homework

Session 2022-23

Class-X

Subject Name	Homework
Biology	<p><b>TOPIC: LIFE PROCESSES</b></p> <p>Q1. Why do herbivores have longer, small intestine than carnivores?</p> <p>Q2. Write the balanced chemical equation for the process of photosynthesis. How photosynthesis occurs in desert plants?</p> <p>Q3. In single celled organisms diffusion is sufficient to meet all their requirements of food, exchange of gases or removal of wastes but it is not in case of Multicellular organisms. Explain the reason for this difference.</p> <p>Q4. Draw a neat labeled diagram of human alimentary canal.</p> <p>Q5. Explain the process of nutrition in Amoeba.</p> <p>Q6. How do guard cells regulate the opening and closing of the stomata?</p> <p>Q7. Explain exchange of gases in humans.</p> <p>Q8. State the role of the following in human digestive system:</p> <p>(a) Digestive enzymes</p> <p>(b) Hydrochloric acid</p> <p>Q9.</p> <p>Draw a diagram of human respiratory system and label the following:</p> <p>(a) Part where air is filtered by fine hairs and mucus</p> <p>(b) Part which terminates in balloon like structures</p> <p>(c) Part which separates chest cavity from abdominal cavity</p> <p>(d) Part where exchange of gases takes place.</p> <p>Q10. Draw a neat labeled diagram of opened and closed stomata.</p> <p>Q11. Write a note ( 100 words) on the following topics</p> <p>a). Dialysis</p> <p>b). Blood Pressure</p> <p>c). Lymph</p> <p>Q12. Write differences between the following</p>

	<p>terms</p> <p>a).Autotroph and Heterotroph  b).Respiration and Breathing  c). Artery and Vein  d). Xylem and Phloem</p> <p>(B) Make a project file on the following topics</p> <p>Nutrition  Roll no. 1- 8  Respiration  Roll no.9-16</p> <p>Transportation  Roll no 17-24  Circulatory system  Roll no.25-32  Excretion</p> <p>Roll no.33- onwards  (</p>
<b>Computer</b>	<ol style="list-style-type: none"> <li>1. make 10 web pages in HTML</li> <li>2. write all shortcut key</li> <li>3. write basic full forms used in computer</li> <li>4. complete your fair note book</li> <li>5. write any 5 python program</li> </ol>
<b>English</b>	<p>Write an article on Right to Education Act and suggest ways implement it.</p> <p>These days stress has become a part of life. Matronly adults, but children also fall vacation to stress their days. Write an article expressing your views.</p> <p>Working Women have to multitask to maintain an equilibrium bit been there home and profession. Write an article saluting appreciating search everyday heroes.</p> <p>The number of tourists going to the hill stations is increasing. Time has led to their commercialization and it's ill effects. More &amp; more hotels, garbage effects on the life of the locals etc. Write a letter to the editor of a national daily expressing your concern over the situation. You are Rohit Verma of Class X in DMA, Anand</p>

	<p>Nagar Makroniya Sagar. Write a letter to the editor of a local newspaper expressing your views on the importance of English.</p> <p>You are Rizwan Ali, Resident of 456, Rajoti Garden, New Delhi. Write a letter to the editor of a national daily. Drawing the attention of the concerned authorities to the deteriorating law &amp; order situation in the city.</p> <p>Complete the story using the given outline. Hot summer day desert safari-storm-lost in desert.....</p> <p>Complete the story in 150-200 words. It was a hot day, A blind man was crossing the road, suddenly a car came.....</p> <p>Begin your story with the given line and give a suitable title in 150-200 words. How foolish I was to have believed that young women.</p> <p>Complete the following story. A 15 years old boy was going on a deserted road feeling like a little scared and uneasy. Hesitatingly, he stepped ahead. Suddenly.....</p>
<p><b>Math</b></p>	<ol style="list-style-type: none"> <li>1. solve 20 questions from chapter 1 other than NCERT and RD sharma book.</li> <li>2. solve 20 questions from chapter 2 other than NCERT and RD sharma book.</li> <li>3. solve 20 questions from chapter 4 other than NCERT and RD sharma book.</li> <li>4. Complete your ncert and RD sharma note book</li> <li>5. Write all Divisibility rules in your fair notebook.</li> </ol>

SST

A. Prepare a project file with the following details.

1. The total length of the project file should not be more than 10 to 12 written pages of a four Size.
2. The project report should be handwritten and credit will be awarded to the original drawings, Illustrations and use of eco friendly materials.
3. The project report should be handwritten and presented in this order :
  - a. The cover page showing project title, students information, school and year.
  - b. Certificate page
  - c. Acknowledgement
  - d. Index – list of contents with page number.
  - e. Introduction
  - f. Relevant content with headings
  - g. Summary and conclusions based on findings.
  - h. Bibliography: should have the Title , Author , publisher and if a website then name of the website with the specific link which has been used.

Project [ Choose any one topic]

A. Consumer Awareness

The content must cover the following

- Meaning of Consumer Awareness
- Forms of Consumer Exploitation/ Malpractices
- Factors causing exploitation of the Consumers.
- Enactment of COPRA 1986 and its benefits.
- Role of WTO in protection of consumers.
- Rights and duties of the Consumers.
- Consumer protection measures.
- Relevant case studies ( any two ).

**OR**

B. Social Issues

Prepare a project on any three of the social evils still prevailing in our society.

Highlighting the reasons , effects and suggest solutions to get them eliminated from our country.

- Poverty
- Illiteracy
- Corruption
- Gender Inequality
- Inflation, hoarding and panic buying during pandemic crisis .
- Domestic violence against women and

	<p>child abuse. The students must write the following key matter : a. Social Issues in Indian Society b. Reforms initiated to combat the social Issues c. Role of popular leaders and movements.</p> <p><b>OR</b></p> <p>C. Sustainable Development</p> <p>The students must write about the following key matter :</p> <ol style="list-style-type: none"> <li>Need of Development</li> <li>Importance of Development</li> <li>Policies initiated to adopt measures for sustainable growth.</li> </ol> <p><b>Health and Physical education activity:</b> Create an advertisement on healthy eating habits , importance of education and personal hygiene among your family members and peers as a part of developmental goals.</p>
<p><b>Hindi</b></p>	<p>साहित्य – गद्यखण्ड – 1. नेताजी का चश्मा 2. बालगोबिन भगत काव्यखण्ड – 1. सूरदास 2. देव उपरोक्त पाठों को पुनः पढ़ना व समझना तथा प्रश्नोत्तर व शब्दार्थ याद करना। व्याकरण – 1. स्वयं के चुने हुए अलग-अलग विषयों पर दो औपचारिक तथा दो अनौपचारिक पत्र लिखो। 2. निम्न तीन विषयों पर 200–250 शब्दों में सारगर्भित निबंध लिखो। (अ) मेरे जीवन का लक्ष्य</p>

	(ब) स्वच्छ भारत अभियान—एक वरदान (द) जनसंख्या वृद्धि – “एक गंभीर समस्या”
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