

# RAMAKRISHNA SENIOR SEC. SCHOOL

## Holidays Homework

### Class-IX

#### 1. ENGLISH

1. Write question answers of:-

- Beehive :- Poem-Rain on the roof

Poem- The Lake Isle of Innisfree

- Moments:- L-2, L-3, L-4, L-5 in c.w. register.

2. Pick any ten Literary devices discussed in the class. Write their definition and give two examples of each. Do this work in English Register.

3. Based on your reading of 'A Truly Beautiful Mind', write an anecdotal account of 'The Journey of Dr. A.P.J Abdul Kalam's life. Also paste his pictures in the register.

4. Prepare a write up on A-4 size sheet based on the extempore conducted in the class. Also paste pictures related to the topic. Submit the activity in the folder.

5. Do reading Comprehension Assignment 1 to 6 (Page no. 17 to 27) and Assignment 1 to 6 (Page no. 41 to 51) in Volume 1 book.

#### 2. SOCIAL SCIENCE

1 Make a project file on Disaster Management guidelines for which have already been discussed in class.

2 Revise and learn all the chapters of PT1. History Ch 1, Geography Ch 1 and 2, Political Science Ch 2 and Economics Ch 1.

[Type text]

### 3. ART & CRAFT.

- 1) Make a decorative box with paper mashie.
- 2) Make a shagun cover

### 4. COMPUTER.

1. Make at least TWO poster on A4 sheet on the topic "Societal Impact of IT".
2. Design a greeting card for your teacher wishing her teachers day. Use pictures and Word Art tools to design the greeting card.(Attach the printout in practical file.
3. Describe atleast five areas where computers are being used successfully.
4. Revise Lesson-1 and 2.

### 5. SCIENCE

1. Write the principle and applications of activity in C.W. notebook 2.3.1/19 ; 2.3.2/19 ; 2.3.3/20 ; 2.3.4/20, 2.3.5/20, 2.3.6/20, 2.3.7/20, 2.3.8/20 (Q No./Page No.)
2. Complete the practical file of term-1
3. Prepare a model on given topic and Make a write up of the model with a miniature of the model.

IX-A

1	Sound needs a medium to travel
2.	Hydropower electricity
3.	Electroplating of copper
4.	Eco tribal society
5.	SONAR
6.	Alternate source of energy.
7.	Rutherford model
8.	Thermoelectric generator

IX-B

1	Diifferentiation of monocots and dicots
2	Momentum

[Type text]

3	Waste management
4	Nitrogen cycle with lightning's
5	Water purification
6	Separation of components of air
7	Structure of annelida
8	Conversion of P.E. to K.E.

IX-C

S. NO.	NAME OF MODEL/ EXHIBITION
1	Structure of different epithelial tissue
2	Ozone depletion
3	Working of ground water
4	Action Reaction
5	Laws of Motion
6	Bohr model of atom
7	Electric motor

4. Do the following assignment in your C.W notebook

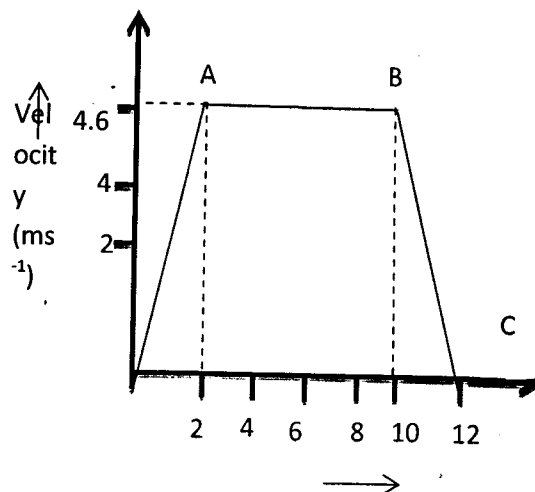
**Q1-** A person moves a distance of 3 km towards east, then 2 km towards north and then 3.5 km towards east. Find :

(a) The distance covered by the person, (b) the displacement of this motion.

**Q2-** A bus decreases its speed from  $80 \text{ km h}^{-1}$  to  $50 \text{ km h}^{-1}$  in 4 s. Find the acceleration of the bus.

**Q3-** Study the velocity-time graph of an ascending passenger lift in Fig.

Which physical quantity is measured by area under the quadrilateral OABC? Calculate it.



[Type text]

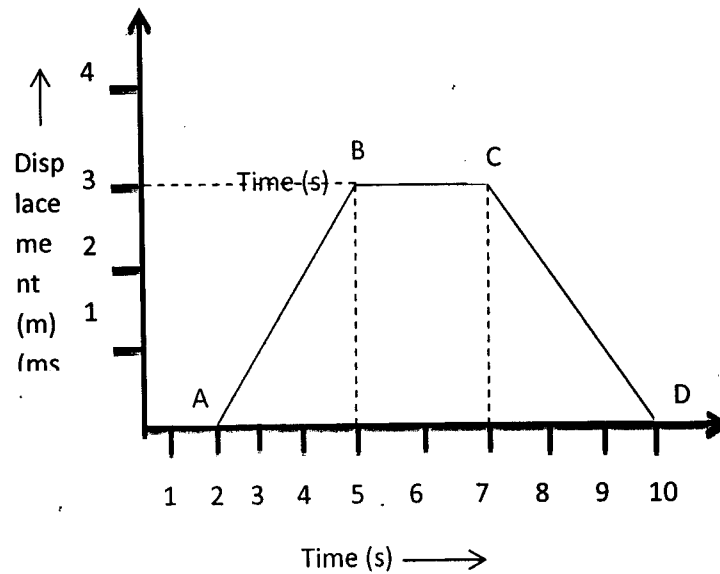
**Q4-Shatabdi Express starting from rest attains a velocity of  $108 \text{ Km h}^{-1}$  in 2 minutes. Assuming the acceleration to be uniform, find the value of (a) acceleration, (b) the distance travelled by the train for attaining this velocity.**

**Q5-The given displacement-time graph shows the positions of an object at different times. Calculate the velocity of the object as it moves from**

(a) A to B

(b) B to C

(c) C to D.



**Q6-The brakes applied to a car produce an acceleration of  $6 \text{ m s}^{-2}$  in the opposite direction to the motion. If the car takes 3 s to come to rest after the application of brakes, Calculate (a) the initial velocity of the car before applying the brakes, and (b) the distance covered by the car before stopping.**

## 6. MATHEMATICS

1. Do self assessment test -1(pg no - 11) , self assessment test - 2(pg no - 21) , self assessment test - 7(pg no - 91) of ch - 1 , 2 , 12 in Register.
2. Do ACTIVITY 1 Constuction of square root spiral
3. Revise all the Chapters done in the class in Practice copy.

[Type text]

4. Prepare Maths Model as allotted in the class .

S. NO	GROUP NO.	CLASS	NAME OF THE MODEL
1	1	IX A	Prove Mid point theorem
2	2	IX A	To obtain the mirror image of given Geometrical fig. with respect to the x-axis & y-axis
3	3	IX A	Statistics ( Histogram )
4	4	IX A	Probability(Dice)
5	5	IX A	Verification of Pythagoras theorem
6	6	IX A	Relation between volume of cone and cylinder
7	7	IX A	Volume of Cuboid
8	8	IX A	Locating point on a coordinate plane using geo board.
9	1	IX B	Representation of irrational number on number line
10	2	IX B	Area of two parallelogram are equal if they are on same base and between same parallel lines
11	3	IX B	Area of triangle is half the area.of parallelogram if they are on same base and between same parallel lines
12	4	IX B	Sum of opposite angles of a cyclic quadrilateral is $180^{\circ}$
13	5	IX B	Angle sum property of a triangle
14	6	IX B	Relation between angles in the circle
15	7	IX B	Statistics ( Frequency polygon )
16	8	IX B	Probability ( playing cards )
17	1	IX C	Identity ( $a+b+ c)^2$
18	2	IX C	Tangent to a Circle

[Type text]

19	3	IX C	Comparison of surface areas and volumes of cylinder formed by folding a rectangle lengthwise and breadthwise
20	4	IX C	Sum of Exterior angles
21	5	IX C	Calculating Probability
22	6	IX C	Value of
23	7	IX C	Statistical Analysis(t PL 2018)
24	8	IX C	Geoboard(Circular)

[Type text]

## हिंदी कक्षा - नववीं

श्रीव्यासकाश गृहकार्य

1. गर्मियों की छुट्टियों में मित्र को आमंत्रित करते हुए पत्र लिखिए।
2. 'आधुनिक युग में इंटरनेट की भूमिका' विषय पर एक अनुच्छेद लिखिए।
3. अभी तक पढ़ाए गए सारे पाठों के 10-10 कठिन शब्द अर्थ सहित लिखो।
4. अभी तक पढ़ाया गया समस्त पाठ्यक्रम याद करो।
- 5) संवाद लेखन कार्य कलाप करिए।
- 6) महादेवी वर्मा के जीवन परिचय व रचना संग्रह के विषय में लिखिए।