THE LUCKNOW PUBLIC COLLEGIATE, SHARDA NAGAR HOLIDAY HOMEWORK CLASS- NURSERY

| S.No | Subject | Homework | |
|------|--|---|--|
| 1. | ENGLISH | ORAL: | |
| | | Revise a to z with their phonic sounds and corresponding objects. | |
| | | WRITTEN: | |
| | | Do the work given in H.W. notebook. | |
| 2. | MATHS | ORAL: | |
| | | 1. Revise counting 1 – 100. | |
| | | WRITTEN: | |
| | | Do the work given in H.W. notebook. | |
| 3. | HINDI | ORAL: | |
| | | अ से अ: तथा क से ण का मौखिक अभ्यास करें। | |
| | | WRITTEN: | |
| | | Do the work given in H.W. notebook. | |
| 4. | G.K. & | Learn the given questions and answers. | |
| | STORY TELLING | | |
| 5. | PROJECT Make a family tree and paste photographs of your family member | | |
| | WORK | | |
| | | | |

THE LUCKNOW PUBLIC COLLEGIATE, SHARDA NAGAR HOLIDAY HOMEWORK

CLASS- KG

| S.No | Subject | Homework |
|------|----------------------|---|
| 1. | ENGLISH | ORAL: Revise phonic sounds. Revise three letter words. WRITTEN: Do the work given in H.W. notebook. |
| 2. | MATHS | ORAL: Revise number names 71-90 WRITTEN: Do the work given in H.W. notebook. |
| 3. | HINDI | होमवर्क कॉपी में दिए गए कार्य को पूरा करें। आ (T) की मात्रा के शब्द याद करें। |
| 4. | STORY TELLING | Learn the given questions and answers. |
| 5. | G.K. PROJECT WORK | Draw a picture of a lotus flower on an A4 sheet and colour it |

THE LUCKNOW PUBLIC COLLEGIATE, SHARDA NAGAR HOLIDAY HOMEWORK CLASS- 1

| S.No | Subject | Homework |
|------|--------------------|--|
| 1. | English Literature | Learn all the work done in book and notebook. |
| | & English Language | Learn poem – A Little bird song. |
| | | Learn all the work done in book and notebook. |
| 2. | MATHS | Learn table from 2 to 10 |
| | | And practice sums of addition, subtraction, multiplication (five sums each) in |
| | | your self work notebook. |
| 3. | EVS | Learn all the work done in book and notebook. |
| | | |
| 4. | G.K. | Learn page no 52-63. |
| | | |
| 5. | Scrap book | Make a snowman and paste in your scrapbook. Make a face mask or eye mask of |
| | & | your favourite animal. |
| | Art book | Do page no 26, 27 and 28. |
| | Hindi | हिंदी क्लास वर्क नोटब्क मे कराया गया समस्त कार्य याद करें एवं अभ्यास करें। |
| | | المرا عرابر على بالمراع بالمراع على المراع ا |
| | | कविता बिल्ली और दिल्ली याद करें। |
| | | नगवरा। विरुपा आर् विरुपा वाप नर्। |

THE LUCKNOW PUBLIC COLLEGIATE, SHARDA NAGAR HOLIDAY HOMEWORK CLASS- 2

| S.No | Subject | Homework |
|------|---------------|---|
| 1. | ENGLISH | Learn all the work done in book and notebook. |
| | LITERATURE | Learn poem The squirrel. |
| | | Activity -: Make a paper boat with colourful paper and paste it in your |
| | | scrapbook. |
| 2. | ENGLISH LANG. | Learn all the work done in book and notebook. |
| 3. | MATHS | Practice work done in book and notebook. |
| | | Write table of 12 to 15 in self-work notebook. |
| | | Activity -: Make a clock using thermocol or cardboard and craft items. |
| 4. | EVS | Learn all the work done in book and notebook. |
| | | Activity -: Make a traffic light using a shoebox, Black chart paper and |
| | | coloured sheets. |
| 5. | G.K. | Learn all the work done in book |
| | | Do page number 67, 69 and 70. |
| 6. | COMPUTER | Make different blocks of scratch junior such as motion block, sound |
| | | block .Example move down, say etc. |
| 7. | HINDI | सतरंगी परियां कविता याद करें। |
| | | कार्य पुस्तिका में कराए गए समस्त कार्य का लिखित व मौखिक अभ्यास |
| | | करे। मेहनत का फल पाठ पढें और कठिन शब्दों का अभ्यास करें। |
| 8. | ART | Make one craft using ice cream sticks(except pen holder) |

HOLIDAY HOMEWORK (2023-2024)

CLASS 3

| SUBJECTS | HOMEWORK |
|--------------------|---|
| English Literature | Learn Poem- Don't Tell. |
| | Learn chapter- My Silly Sister. |
| | Do 1 page handwriting daily in your W/D notebook. |
| English Language | Find five new words daily and write their meaning and frame their |
| | sentences in your SW notebook. |
| | Learn chapter- Articles. |
| | Practice Informal Letter |
| Maths | Learn tables 2 to 12. |
| | Practice 5 sums daily of Chapter –Time in your Maths Self Work notebook. |
| | Make a model of a clock as explained in the class. |
| GK | Learn the work done in your book. |
| Hindi | Do 5 page writing in your Hindi W/D notebook. |
| | Learn all the work done in Hindi Literature and Hindi Language book and notebook. |
| | Learn poem- Chand ka kurta. |
| Science | Learn the work done in book and notebook. |
| | Make a model of Chandrayaan 3. |
| S.St | Learn the chapter- How we travel. |
| | Make a model of Pyramid of Giza using waste cardboard. |
| Computer | Read Chapter 8 and learn book exercises. |
| | Make stick puppet of your favourite sprite |
| Art and Craft | Button Art |

HOLIDAY HOMEWORK

CLASS 4

| SUBJECTS | HOMEWORK |
|--------------------|--|
| English Literature | Learn the work done of Poem - Books |
| | Learn the poem Naughty Boy for recitation |
| English Language | Learn the work done of Chapter - Articles |
| Maths | Practice sums from Chapter - 11 in your Self Work notebook. |
| GK | Learn the work done in your book. |
| Hindi Literature | कविता फूल और कांटे याद करें। कराए गए समस्त कार्य का लिखित व |
| | मौखिक अभ्यास करें। |
| Hindi Language | कराए गए समस्त कार्य का लिखित एवं मौखिक अभ्यास करें। अनौपचारिक पत्र |
| | का अभ्यास करें। |
| Science | Ch-11 Our Earth and it's Neighbours |
| | Learn the book exercises and revise the chapter. |
| | Make Solar system album. |
| S.St | Ch-11 Our Natural Resources |
| | Learn the book exercises and work done in the notebook. |
| Computer | Read chapter 3, learn all the workdone in book and note book. |
| Art and Craft | Wall hangings |

HOLIDAY HOMEWORK

CLASS 5

| SUBJECTS | HOMEWORK |
|--------------------|---|
| English Literature | Learn the work done in the notebook. Learn poem – Malu Bhalu. |
| | Do 1pg writing everyday in W/D notebook. |
| English Language | Revise the work done in the book and notebook. |
| Maths | Practice sums from Chapter - 9 in your Self Work register. |
| GK | Learn pages 63-67 from the book. |
| Hindi Literature | पांच पेज सुलेख एवं पढाए गए पाठ के कठिन शब्द में लिखें । चीटी |
| | कविता याद करें। कार्य पुस्तिका में कराया गया समस्त कार्य याद करें। |
| Hindi Language | कार्य पुस्तिका में कराया गया समस्त कार्य याद करें । मुहावरे, विलोम, |
| | वाक्यांश के लिए एक शब्द पुस्तक से याद करें। |
| Science | Ch -12 Our Life Support |
| | Learn book exercises and work done in the notebook. |
| S.St | Ch-5 Weather and Climate |
| | Learn the book exercises and work done in the notebook. |
| Computer | Read chapter 5. |
| | Learn all the work done in book and note book. |
| Art and Craft | Make pot people/animals (using earthen pots). |
| Sanskrit | श्लोक, लिख्धातु रूप का लिखकर अभ्यास करें। कार्य पुस्तिका में कराया |
| | गया समस्त कार्य याद करें। |
| Urdu | Learn Huroof Tahajji, learn urdu numbers 1to 100 |
| | Read madd and Tashdeed , |
| | Writing 10 pages in self work notebook. |
| French | Learn months name in French |

THE LUCKNOW PUBLIC COLLEGIATE, SHARDA NAGAR HOLIDAY HOMEWORK CLASS- 6

| SUBJECTS | HOMEWORK |
|--------------------|---|
| English Literature | Learn ch - The wonderful words and read ch - The banyan tree. |
| English Language | Do unseen passage given on pg no 153- 155 |
| | Write an essay about your favourite teacher in school narrating how he/she became |
| | your favourite. Word limit (80 - 100) words. To be done in A4 sheet. |
| Maths | Algebra |
| | Ex-11 E :- Q2,5 |
| | Ex- 11 F :- Q1 to Q15 |
| | Ex- 11 G :- Q1 to Q13 Decimals |
| | Ex - 8B :- Q6,7 |
| | Ex - 8C :- Q2 |
| | Ex - 8D :- Q1 to Q6 { do odd sub parts} |
| | Ex - 8F :- Q5, 11, 13, 17, 18, 24 |
| Hindi Language | मनोरंजन के साधन (निबंध) कार्य प्स्तिका में लिखें। |
| | 5 |
| | अनेकार्थक (31 से 43), पर्यायवाची (31 से 50), विलोम (31 से 50) , मुहावरे (16 से 30) वाक्य के |
| | लिए (31से 50) याद करे |
| Hindi Literature | पढ़ाए गए पाठ का शब्दार्थ एवं प्रश्न उत्तर याद करेंगे। |
| | पाठ मित्रता एवं दोहा दशक के शब्दार्थ कार्य पुस्तिका में लिखेंगे। |
| Physics | Project file: Collect various types of waste and classify them as bio - degradable and |
| | non-biodegradable waste. |
| Chemistry | Do the oral question answers and exercises of the chapter Garbage in, garbage out. Learn final yearly syllabus |
| | Project file - collect various types of magnets and write about them. |
| | Prepare final -exam syllabus. |
| History/ | Make a chart of the composition and function of the District Magistrate. |
| Civics | Revise PT 2 Syllabus. |
| Geography | Make a file describing types of mountains with pictures. |
| | Revise PT 2 syllabus |
| Biology | Project file: Collect various types of material and classify them as biotic and abiotic |
| | Do the oral question answers and exercises of the chapter Living organism and their |
| 01/ | surrounding. Learn final yearly syllabus |
| GK | Do page no. 32,37,41,51,54and , 57 |
| Computer | Write Keyboard shortcuts for Cut, Copy, Paste, Undo and Redo in a |
| | Punchsheet. |
| | Prepare PT-2 Syllabus for Final Exam. Write an article on "Powerpoint" in 100 words in a Punchsheet. |
| Urdu | Learn word meaning of chapter-5, Read chapter "Charkha Wali Budiya". |
| Jidu | Writing 10 pages in self work copy. |
| French | Learn body parts in French. Complete worsheet on body parts. |
| Sanskrit | श्लोक 1,2,3 धात् रूप - भू व गम् (लट्लकार) |
| | आश्रम, पाठशाला पाठ पढें। किया गया कार्य याद करें। |
| | |
| | Activity - Do Sanskrit activity 1 to 20 on A4 sheet |

HOLIDAY HOMEWORK

CLASS - 7 A,B,C

| SUBJECTS | HOMEWORK |
|--------------------|--|
| English Literature | •Do the exercises of The Ashes that made trees bloom |
| | •Learn the chapter The Ashes that made trees bloom |
| English Language | Write an essay on your favourite Vacation. |
| | Do comprehension on page 160-166 in grammar book |
| | Do exercise from A to D of verbs in grammar book |
| Maths | Activity – Write all congruency rule of triangle on A4 sheet |
| | Practice Ch Simple Equation |
| Hindi language | गुरु शिष्य निबंध कार्य पुस्तिका में लिखेंगे। |
| | अनेकार्थक (31 से 43) पर्यायवाची (31 से 50) बिलोम (31 से 50) वाक्यों |
| | के लिये (31 से 50) मुहावरे (16 से 30) तक याद करेंगे। |
| Hindi Literature | पढ़ाए गए पाठ का शब्दार्थ एवं प्रश्नोत्तर याद करेंगे। |
| | पाठ दोहा एवं मैं। दिल्ली के शब्दार्थ पुस्तिका में लिखेंगे। |
| Physics | Project file – Make electric circuit by using bulb, switch and battery and |
| Chemistry | write about various circuit symbols in file. |
| | Do oral Ques/ Answer of chapter Electric current and its effects. |
| | Revise final year exam syllabus |
| History/civics | Civics -Make a chart on (Role of Gender) |
| Geography | Revise PT -2 course |
| | Ch- 7 water |
| | Ch-5 Composition of structure of atmosphere |
| | Project file – Describe in detail about types of forest –(6) given inch -8 |
| Biology | Draw a diagram of structure of a flower on white chart paper. |
| | Learn chapter –Reproduction in plants |
| GK | Write 20 current affairs of past 6 months (File) |
| Computer | Read chapter Artificial intelligence in real file |
| | Make a list of 10 fields where AI is used in punch sheet |
| | Prepare PT- 2 syllabus for final exams. |
| Urdu | Read chapter Mera pyar Watan and Hindustan tarike virasat. |
| | Learn word meaning and writing 10 pages in self work notebook |
| Sanskrit | गिनती संस्कृत में 1 से 20, 'कृ','भू' आज धातुरूप। लंग लाकार में याद करें। |
| | स्वर्णकारः एवं देवगृहम् पाठ पढ़ें एवं अभ्यास कार्य याद करें। |

THE LUCKNOW PUBLIC COLLEGIATE, SHARDA NAGAR HOLIDAY HOMEWORK Class 8

| SUBJECTS | HOMEWORK |
|-------------------|---|
| English | Write a letter to the editor of India Today magazine about the article on ban polybags published in the latest edition. Do exercises of verbs in grammar book. Learn PT 2 word meanings and question answers. |
| Hindi | पढ़ाए गए पाठों के शब्दार्थ व प्रश्नोत्तर याद करें। (कामचोर, लाख की चूड़ियां, सुदामा चरित) |
| | "छात्रावास से पिता जी को पत्र लिखिए, जिसमें रुपए मंगवाने के लिए निवेदन किया गया हो।" |
| | विषय पर पत्र लिखें। |
| | पर्यायवाची, विलोम, अनेकार्थक व समश्र्ति भिन्नार्थक शब्द याद करें। |
| Maths | Ch- Comparing quantities: Example: 1,5,7, Excercise 7.1 Q.3,5,6 Exercise 7.2 Q.3 and 5 Ex. 7.3 Q.1, 3 Ch- Cubes and Cube Roots Ex. 6.1 Q.1(ii),(iii),(v), Q.3(iii),(v), Q.4, Ex. 6.2 Q1(vi),(viii), Q2 Ch- Algebraic Expression & Identities Ex. 1,2,6,9,10 Ex 8.1 Q2(b), Ex. 8.2 Q2,Q5 Ex. 8.3 Q3(iii),Q4(b), Q5(b),(c) Ch- Factorisation Ex. 5,6,7,8,9,10,14,16 Ex 12.1 Q1(viii), Q2(vi), (ix),Q3(ii) Ex. 12.2 Q1(vii),Q3(vi),(ix), Ex 12.3 Q1, Q3,Q5 |
| Science | Physics- 1) Do the exercise and oral question answer of chapter • Refraction and depression of light • The universe 2) learn final year examination syllabus Chemistry- Draw the table on punch sheets 1. Reactivity series of metals 2. Table - 4.3 pg -60 3. Table - 6.2 Pg- 86 |
| | Revise and learn question answers from chapter 4,6,19 Biology- 1) Tabulate useful and harmful microorganisms 2) tabulate the harmones and their glands with their functions |
| Social Science | 2) tabulate the hormones and their glands with their functions Geography - Project File - Taking into consideration the two farm of U.S.A and India (Agriculture chapter). Revise Question answers of Chapter 4. History- Take any two freedom fighters from chapter 5 (when people Rebel) and describe them and revise question answers of Chapter 6 on punch sheet. |
| | Civics- Revise question answers of chapter 7. |
| Computer | Prepare PT-2 Chapters for Final Exam. Read Chapter "Cyber Ethics and Security". Write an article on the topic "HTML and its use" in 200 words in a Punchsheet. |
| Sanskrit | श्लोक धातु रूप व सूक्तियां याद करें व पढ़ाए गए पाठों को दोहराएं। |
| Urdu | 1) read chapter "Dal jheel and parindo ki duniya" 2) Learn word meaning and question answer of chapter 6. 3) do 10 pages writing in self work notebook |
| GK | 1) Do page 61 to 70 in the GK book. 2) Solve quiz yourself 2. |

THE LUCKNOW PUBLIC COLLEGIATE, SHARDA NAGAR HOLIDAY HOMEWORK CLASS- IX

| SNO | SUBJECT | HOME WORK |
|-----|-----------|---|
| 1 | ENGLISH | Write a descriptive paragraph in about 100-150 words, about the pleasures of watching a television. Take the information given below in the input. combines the pleasures of radio and cinema — most popular means of entertainment — facility of cable network — hundreds of channels — instant and live coverage — entertaining as well as informative TV has darker aspects |
| | | Write a story in 150-200 words with the help of the following outline. Give it a suitable title also. Bunya was a foolish boy, who was an attention seeker. He was a woodcutter and would go deep into the jungle to cut trees. One day he wanted to do an act of mischief. He shouted at the top of his voice, "There's a tiger, tiger, there's a tiger" Read the poems – Dust of Snow and Fire and Ice |
| 2 | HINDI | ' प्रेमचंद के व्यक्तित्व पर एक Activity तैयार करें |
| | | Lit- 'प्रेमचंद के फटे जूते' पाठ पढ़े । दिए गए प्रश्नोत्तर अभ्यास पुस्तिका में लिखें । |
| | | प्रश्न 1. 'प्रेमचंद के फटे जूते' पाठ के आधार पर प्रेमचंद की वेशभूषा और रहन-सहन पर प्रकाश डालिए । |
| | | प्रश्न 2. फोटो का महत्व बताने के लिए लेखक ने कौन-कौन से तर्क दिए हैं ? |
| | | |
| | | Lang - दिए गए कार्य को व्याकरण पुस्तिका में करें । |
| | | बरसात के दिनों में जलभराव के कारण होने वाली किठनाइयों को दूर करने के लिए नगर निगम के अधिकारी को पत्र लिखिए । |
| | | अधिकारा का पत्र ।लाखर । 2. 'श्रम का महत्व' दिए गए विषय पर अनुच्छेद लिखिए । |
| | | 3. अलंकार (अनुप्रास,यमक, उपमा, रूपक) दोहराएं व दो-दो उदाहरण याद करें । |
| 3 | MATH | Do all the Questions from Heron's formula in maths practice notebook. Learn all the formulas of |
| | | polynomials |
| 4 | PHYSICS | Read the chapter Work & Energy. Solve NCERT questions. |
| 5 | CHEMISTRY | Chapter - Atoms and molecules |
| | | 1) Write chemical formula of following compounds: |
| | | Quick lime |
| | | Baking soda |
| | | • Limestone |
| | | 2) Write the geometric representation of atomic structure of the first 20 elements. 4.10 |
| 6 | BIOLOGY | page 141 in notebook. Chapter- Improvement in food resources. Write the composition and functions of Blood |
| | DIOLOGI | Comparison between WBC's and RBC's |
| | | Write and learn the NCERT in text question/answers 1 to 5 |
| 7 | HISTORY | Read the chapter – Pastoralists in the Modern World |
| 8 | GEOGRAPHY | Read the Ch- Population, Draw the Pie Chart (Fig. 6.2) in CW |
| 9 | ECONOMICS | Chapter Food security in India |
| | | Read the following parts from the chapter and find their answers. |
| | | 1. What is food security? Page 42 |
| | | 2. Why there is need for food security? pg 42 |
| | | 3. How is food security affected during calamity? Pg-42 |
| | | 4 Who are food insecure? Pg- 44 |
| 10 | IT | READ CHAPTER: Digital presentation(Using Tables in presentation& Using Images in |
| | An | presentation) |
| 11 | CIVICS | Read the chapter – Working of the Institutions |

The Lucknow Public Collegiate, Sharda Nagar Holiday Home Work 2023-24 Class XI

| Subject | Home Work |
|-------------|---|
| English | 1. You are Harish/Harshita of 12, Seva Nagar, Pune. You want to sell your flat as you are |
| | shifting to another city for work. Draft a suitable advertisement in not more than 50 words |
| | to be published in The Pune Times under the classified columns. |
| | 2. You are Ram/Rajani. Draft a classified advertisement, in not more than 50 words, to be |
| | published in India Times for the sale of a used motor car giving all the necessary details. |
| | You can be contacted at 12345679. |
| | 3.You are Rahul/Rashmi. As President of the Literary Club of your school you have |
| | organized an inter-school debate competition on the occasion of the Silver Jubilee |
| | celebrations of your school. Write a notice in about 50 words, informing the students of |
| Chemistry | your school about the competition. |
| Chemistry | (i) Practice writing IUD AC names from NCERT (ii) Isomerism |
| | Priority table of organic functional group |
| Psychology | Note :- Read Chapter Learning and Answer the following Questions |
| r sychology | 1stands for a relatively permanent change in a behavioural |
| | tendency which occurs as a result of reinforced practice. |
| | 2.Learning disabled children have disorders of attention. Explain. |
| | 3. State two points of difference between Primary reinforcer and Secondary reinforcer. |
| Hindi | प्रश्न -1 रजनी पाठ का संदेश या उद्देश्य स्पष्ट कीजिए। |
| | प्रश्न- 2 'भारत माता' पाठ का सार अपने शब्दों में लिखें। |
| | प्रश्न -3 दिए गए विषय पर अन्च्छेद लिखिए। |
| | 'प्रथम रेल यात्रा का अनुभव' अपने शब्दों में लिखें। |
| | प्रश्न 4 जनसंचार के प्रमुख माध्यम लिखिए एवम् प्रश्नोत्तर याद करें।। |
| Computer | 1. Read the chapter Dictionary |
| - | 2. Learn question answers of Tuple, List, String, Manipulation, Networking. |
| | 3. Practice programming of List |
| Accountancy | Answer the following questions :- |
| | Q1. Distinguish between Provisions and Reserves. |
| | Q2. A firm bought a machinery for Rs. 14,80,000 on 1 st April, 2021. Rs. 1,20,000 is spent |
| | on its installation. Its useful life is estimated to be of 5 years. Its estimated realizable value |
| | at the end of the period was estimated at Rs. 80,000. Determine the amount of annual |
| | Depreciation and rate of Depreciation. |
| | Q3. Write the difference between direct expenses and indirect expenses |
| | Q4, What are the four items that can be shown in the Profit and Loss account on debit |
| | and as well as credit side also. |
| Biology | Q5 Practice Q no 5 from the chapter Financial Statement Read chapter number – 16, 17, 18, 19 |
| Бююду | Revise previous taught topics. Learn que/ans, practice diagrams |
| Business | Read the chapter Internal trade and write answers of the following questions in your |
| Studies | notebook. |
| Otaaloo | Q:1) What are Departmental stores? |
| | Q-2) What services are offered by a departmental store? |
| | Q-3) Give any 2 examples of a Departmental store. |
| | Q-4) Explain the features of a Departmental store briefly. |
| | Q-5) Explain the merits and limitations of a Departmental store. |
| Entn | Learn the Question and Answers of Chapter Business Arithmetic and Concept of Market |
| Entp. | Learn the Question and Answers of Chapter Business Arithmetic and Concept of Market |

| Physical | Practice Questions |
|-----------|--|
| Education | 1-Give any two definitions of physical education. |
| | 2-What is the role of physical education to produce an effective citizen for the country? |
| | 3-What is the minimum eligibility criteria for getting admission in B.P.Ed course? |
| | 4-How many different kinds of courses and career option in physical education are |
| | available in India. |
| | 5-What is Pranayam ? Write down its merits. |
| | 6-What is the contribution of yoga in stress management. |
| Economics | Learn question and answers of chapter |
| | Market equilibrium under perfect competition and revise the chapter thoroughly |
| | 2. Revise half yearly chapters thoroughly |
| Maths | Do Ex.3.1 |
| | Question no. 1,4,5,6 |
| | Do Ex.3.2 |
| | Question no. 1,3,6 |
| | Learn Formula of Trigonometric function |
| Applied | 1. All solved examples of Straight Line, revise class work |
| Maths | 2. Differentiation, Do Exercise 11.1, 11.2, 11.3, 11.4 |
| History | Do the map work of Displacing indigenous people |
| | in your CW copy and learn short Q/Ans given |
| Political | Complete the questions answers of all the chapters & bring complete project file with |
| Science | pictures. |
| Physics | READ AND REVISE THE QUARTERLY AND HALF YEARLY SYLLABUS AND WRITE THE ANSWERS OF THE FOLLOWING QUESTIONS IN THE NOTEBOOK. |
| | Q.1 Derive Equations of uniformly accelerated linear motion by graphical method. |
| | Q.2. Derive an expression of excess pressure in a liquid drop. |
| | Q.3. What is Projectile Motion? Prove that path of projectile is parabolic. |
| | Q.4. State Kepler's law of planetary Motion. |
| | Q.5. State and prove Pascal's Law. Tan $\theta = \frac{v^2}{rg}$ |
| | Q.6. Derive an expression for Elastic potential energy in a stretched wire. |
| | Q7. Derive an expression for Centripetal acceleration. |
| | Q8. Define stress, strain and Hook's law. |
| | Q9. Derive the expression for gravitational potential energy on the surface of earth. |
| 1 | Q.10. State and prove Bernville's theorem. |