



Holiday Homework

SUBJECTS	HOMEWORK
ENGLISH	<p>Q.1 We tend to attach certain habits and ways to certain groups of people. Taking reference from the following chapters of course book , research and write about</p> <p>Stereotypes:</p> <ol style="list-style-type: none"> Discuss the meaning of stereotypes Discuss various kinds of stereotypes like gender , nationality , religion , physical disability etc. State examples How it affects the society How can we stop it <p>Chapters for reference:</p> <ol style="list-style-type: none"> Nelson Mandela : Long Walk to Freedom (First Flight) The Hundred Dresses Part 1 and Part 2 (First Flight) <p>Q.2 Your mother makes costume jewelry in her spare time and wants people to know about it. Write out an advertisement for her.</p> <ol style="list-style-type: none"> Choose an impressive headline . Give information like Buy Now/ Claim Free. Give contact information like Website /Contact Number etc. Add other relevant information. <p>Note : Submit your work in school English Grammar Notebook.</p>
HINDI	<p>1.सूरदास केपदोंकीसबसेबड़ीविशेषताहैगोपियोंकी 'वाग्विद्ग्यता' आपनेऐसेऔरचरित्रोंकेबारेमेंपढ़ायासुनाहोगाजिन्होंनेअपनेवाकचातुर्यकेआधारपरअपनीएकविशिष्टपहचानबनाई; जैसेबीरबल, तेनालीराम, गोपालभांडमुल्लानसीरुद्धीनआदि।इनमेंसेअपनेतीनमनपसंदचरित्रकेकुछकिस्सेसंकलितकरएकएल्बमतैयारकीजिए।</p> <p>2.'दूसरों की क्षमताओं को कम नहीं समझना चाहिए' इसशीर्षककोध्यानमेंरखतेहुएएककहानीअथवालेखलिखिए।</p> <p>3.बालगोबिनभगतपाठमेंआषाढ़भादोमाघआदिमेंविक्रमसंवत्केलेंडरकेमासोंकेनामआएहैं। यहकैलेंडरकिसमाहसेआरंभहोताहै? महीनोंकीसूचीतैयारकीजिए।</p>

	<p>4.रामलक्ष्मणपरशुरामसंवादपाठमें 'सहसबाहुसमसोरिपुमोरा'काकईबारउल्लेखआयाहै।परशुरामऔरसहस्रबाहुकेबैरकी अनेककथाएंप्रचलितहैंउनमेंसेकिन्हीएककथाकोलिखिए।</p> <p>5.रचनात्मकलेखन</p> <p>विषय :- "करोनाकालमेंक्याखोयाक्यापाया"</p> <p>1. "जबपरिणामदेखातोपताचलायेहैऑनलाइनशिक्षाकाप्रभाव।" शब्दसीमा :- 150 से 200 शब्द</p> <p>6.कोरोनावायरसकीजागरूकताहेतु 25 से 30 शब्दोंमेंआकर्षकविज्ञापनतैयारकीजिए।</p> <p>'जलहैतोकलहै' जलसंरक्षणहेतु 25 से 30 शब्दोंमेंआकर्षकविज्ञापनतैयारकीजिए।</p> <p>कक्षामेंपढ़ाएगएसभीपाठोंकेप्रश्नउत्तरयादकीजिए।</p>
FRENCH	<p>GENERAL GUIDELINES-</p> <ul style="list-style-type: none"> • All the questions to be done in the most creative and exact manner. • It can be done in project file/school notebook. <p>I. " Recette de votre choix " Write your 1 favorite food recipe (PLAT PRINCIPAL-main course). State the reason for choosing the specific recipe. (use picture) *Also jot down the food vocabulary with their meaning in English used in it.</p> <p>II. "Dialogue Writing" on COVID-19 Write down at least 15-20 dialogues between 2 friends discussing some safety/health measures that should be taken during COVID-19 pandemic to protect against the virus. *Also jot down the vocabulary with their meaning in English used in it.</p> <p>III. " Presentez-vous " Record/Make a video introducing Yourself. You must include - (Name,age,profession, qualifications, about your family members, your hobbies, likes/dislikes, your childhood and future plans etc). (Tenses to be used- passé compose, future simple,present, imparfait). *Also make a documentation of the same in your file/notebook.</p>
MATHS	<p>Q.1 Derive the quadratic formula for a quadratic equation $ax^2 + bx + c = 0$ using completing square method.</p> <p>Q.2 Read the following, and answer the following questions. Student has to write the solutions of the MCQ In a football game, the path of the football can be modelled by the quadratic</p>

equation

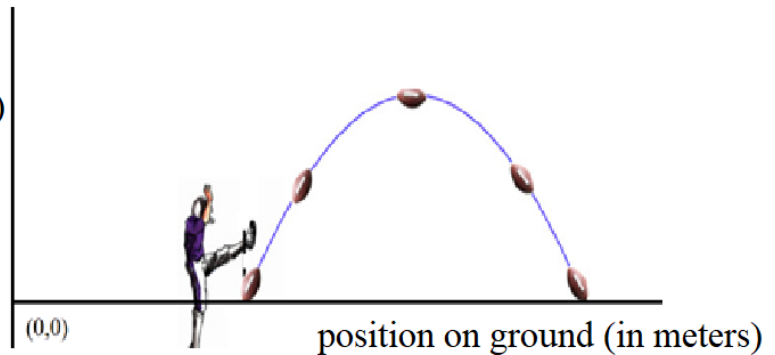
$h(x) = -x^2 + 35x - 300$ where $h(x)$ is the height of the football in metres, and x is the horizontal distance of the football in metres.



- (i) Which shape does the trajectory of the football is shown by after the kick of the player.

- (a) Circular (b)
 Straight line
 (c) Parabola (d)
 Hyperbola

height (in meters)



- (ii)

If the player position is mentioned in the above figure. What will be the position of the player at the time of the kick.

- (a) (-15,0)
 (b) (-20,0)
 (c) (15,0)
 (d) (20,0)
- (iii) What will be the position of the football when it hits the ground again after the kick in above situation.
- (c) (-15,0)
 (b) (-20,0)
 (c) (15,0)
 (d) (20,0)
- (iv) What will be the height of the football, when the ball is 3m far horizontally from the player ?
- (a) 5m
 (b) 6m
 (c) 7m
 (d) 8m
- (v) The horizontal distance travelled by the ball after the kick.
- (a) 4m
 (b) 5m

	<p>(c) 6m (d) 7m</p> <p>Q.3 Questions from Pradeep’s Fundamental Mathematics Class 10th (Romesh Kumar) Page No. 1/62 → Q.13,,17,18 Page No. 2/67 → Q.15 Page No. 3/103→ Q.5, Q.13, Q.18</p> <p>Note: Revise all the chapters discussed .</p>																					
SCIENCE	<p>1.Develop a game using cards (cards you make from thick sheets of paper) Write symbols of elements,formulae,valencies on different cards.These cards Can be used for learning Chemical Formulae and reactions.</p> <p>2.Make a model of any life process or organ system using materials available at home.</p> <p>3 .Make a report on the effects of corona on respiratory system</p>																					
SOCIAL SCIENCE	<p>1. Every student has to compulsorily undertake any one project (PPT/ MOVIE/ VIDEO) on the following topics.</p> <p>Consumer Awareness OR Social Issues OR Sustainable Development.</p> <p>2. Map Work: (Map Practice) Do the map given on page no. 9,11 and 29.</p> <p>3. (Political Science) Chapter-1 Power Sharing: Do assessment in Political Science notebook given on page no. 286 and 287(Long and HOTS questions)</p> <p>(Economics) Chapter-2 Sectors of the Indian economy: Do assessment of Self Assessment Test in Economics notebook given on page no. 443.</p>																					
IFM	<p><u>GENERAL INSTRUCTION/ GUIDELINE:</u></p> <ol style="list-style-type: none">1. Make a separate file or copy, with decorative cover page with financial terminology or pictures.2. The Name of the student, subject, and topics of the project should be mentioned on the first page.3. Try to include pictures and flow chart diagram in a creative way.4. Work must have an appropriate conclusion. <p>Q1. On the bases of investment strategy, given is the analytical data on investment for Ram and Shyam.</p> <table border="1"><thead><tr><th></th><th>Ram</th><th>Shyam</th></tr></thead><tbody><tr><td>Starts investing at the age</td><td>28 years</td><td>48 years</td></tr><tr><td>Monthly savings</td><td>Rs. 5000</td><td>Rs. 15000</td></tr><tr><td>Returns (assumed)</td><td>15% p.a.</td><td>15% p.a.</td></tr><tr><td>Both invest till the age of</td><td>58 years</td><td>58</td></tr><tr><td>Total investment</td><td>Rs. 18 lacs</td><td>Rs. 18 lacs</td></tr><tr><td>Wealth accumulated at 58</td><td></td><td></td></tr></tbody></table> <p>a) Express your understanding on given data of investment</p>		Ram	Shyam	Starts investing at the age	28 years	48 years	Monthly savings	Rs. 5000	Rs. 15000	Returns (assumed)	15% p.a.	15% p.a.	Both invest till the age of	58 years	58	Total investment	Rs. 18 lacs	Rs. 18 lacs	Wealth accumulated at 58		
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	<p>b) Write down why it's good to start invest rather saving, by giving story example of Warren Buffet how he accumulated wealth in very young age?</p> <p>c) What are the options available for investments, give examples with pictures.</p> <p>d) How current Pandemic situation "Covid-19" effects the investment plan of an individual investors and investees.</p> <p>Q2. In Financial Markets we have one category of Security market, provide your understandings on security market.</p> <p>a) Provide list of regulators of security in INDIA with their department, with the help of flow chart and use pictorial for each regulator of security markets.</p> <p>Why does security market need regulators?</p>
IT	<ol style="list-style-type: none"> 1. Create a web chart in MS Word using the shapes to show the various ways you can protect your computer. 2. Make a presentation on types of networking. Explain the Internet and Types of internet connectivity.