



مدارس دارة السلام العالمية- الرياض
Daratassalam International,
Delhi Public School – Riyadh
Summer Holiday Homework (2024-25)
Grade: X (CBSE)



ENGLISH

*Page 1-Cover page, with the title of the project, school details and details of the student.

*Page 2-Certificate of Completion under the guidance of the teacher.

Q1. Read the book, 'Wings of Fire' by A. P. J. Abdul Kalam and write a **brief synopsis** of the book, author, plot, characters and **your review** and conclusion. Make sure you include your personal response to the review.

OR

Read the book 'Five Tales of Shakespeare' and write a **brief synopsis** of the book, author, plot, characters and your **review** with a conclusion, on any one of the tales. Make sure you include your personal response to the review.

Q2. Make a pictorial presentation on the life of the poet- **Nissim Ezekiel** and **Gieve Patel**, depicting the life events, awards and literary works in about 4-5 pages.

Q3. Write a **self-composed poetry** on any one of the given topics with minimum 4 stanzas (14-16 LINES)

- A. Music
- B. I am blessed
- C. My school
- D. My pride

- **Mention Rhyming Scheme if any**
- **Use at least two poetic devices from the choices given (Alliteration, Hyperbole, Metaphor, Simile, Personification)**
- **Suitable Title**
- **Specify the poetic devices with reference to the poem**

Q4. Read newspaper daily, paste the article you read in your file. Write the **new words** and their meanings. Also write your **views** about the write up.

Q5. From the base form of the verb **form adjectives, adverb, nouns** wherever possible by selecting minimum 30 words from the dictionary.

Q6. You are a resident of Delhi and love its beautiful architecture. Recently you visited the Red Fort and were disturbed by the poor maintenance of the monument as well as the careless and negligent attitude of the visitors who spoil the buildings by writing their names, messages on the walls, domes, etc. **Write a letter to the Editor**, the Hindustan

Times, expressing concern over this state of affairs and the need for awakening a sense of pride and love for such monuments in the common people.

Q7. You are greatly disturbed by loudspeakers blaring at high volume particularly during festival times.

Private functions, exhibitions and fairs, and religious occasions make use of loudspeakers without caring for the peace of local residents. **Write a letter to the Superintendent of Police** of your area requesting him to strictly enforce the law which prohibits the use of loudspeakers beyond 11 p.m. You are Rishiraj Narain, living at R-25, Sector 14, R.K. Puram, New Delhi.

SUBJECT ENRICHMENT ACTIVITY (SPEAKING SKILL): Students need to prepare and be ready with a speech on the topic of their choice. (Time limit 2 to 3 minutes)

Topics such as:

1. Advantages and Disadvantages of Hostel Life
2. Importance of Vocational Education
3. Participation of Students in Politics
4. The Impact of Privatization
5. India as a World Power.

INSTRUCTIONS:

- The portfolio should be neat legible, with an emphasis on quality of content, accuracy of information, creative expression, proper sequencing and relevance.
- Use coloured A4-size sheet.
- Plagiarism is strictly prohibited.

HINDI

प्रश्न 1- A4 साइज़ पेपर पर हिंदी भाषा के उपन्यासकार मुंशी प्रेमचंद व उनका संक्षिप्त परिचय दीजिए-

प्रश्न 2- पुलिस कमिश्नर के नोटिस और कौंसिल के नोटिस में क्या अंतर था?

प्रश्न 3- मीरा अपने आराध्य देव की चाकरी क्यों करना चाहती है।

प्रश्न 4- पदबंध किसे कहते हैं? इसके भेदों की परिभाषा दो-दो उदाहरण दे

S'intéresser =

Soulager =

Partir =

Consommer =

Encourager =

Acheter =

IV- Ecrivez une lettre à un(e) ami(e) français(e) / canadien(ne) lui parlant du système éducatif en France / en Inde.

V- Mettez ces pronoms relatifs dans des phrases:

a- Lequel:

b- Laquelle:

c- Lesquels:

d- Lesquelles:

VI-Mettez les pronoms : qui/que/ ou/ dont, dans des phrases.

a- Qui

b- Que

c- Ou

d- Dont.....

VII- Ton cousin ta écrit il te parle de son travail et combien cela lui plait, rédige cette lettre d'environ 80 mots.

Blank area for writing the letter.

IX- Conjuguez ces verbes au plus que parfait :

1/ être

Je	Nous
Tu	Vous
Il	Ils
Elle	Elle

2/ avoir

Je	Nous
Tu	Vous
Il	Ils
Elle	Elle

3/emprunter

Je	Nous
Tu	Vous
Il	Ils
Elle	Elle

4/ Descendre.

Je	Nous
Tu	Vous
Il	Ils
Elle	Elle

URDU

- 1- مرزا غالب اور میر تقی میر کے پانچ پانچ اشعار ایک چارٹ پر خوش خط لکھیے۔
- 2- 'اردو زبان' پر دو سو الفاظ کا مضمون لکھیے۔

ARABIC

- 1- اكتب عن رحلة قمت بها لزيارة اقربائك في ١٥ جملة
- 2- تصريف كل الافعال من تدريبات الكتاب المدرسي المضارع والماضي من الدرس الأول إلى الدرس الرابع .

TAMIL

1. உன் பகுதியில் போதிய போக்குவரத்து அமைத்து தர கோரி போக்குவரத்து துறை ஆணையருக்கு ஒரு கடிதம் எழுதுக
2. முன்னுரை- ஏர்பின்னது உலகம் இயற்கை விவசாயம் உண்மையான விலை மதிப்பு - விளைநிலங்களை அதிகரித்தல் விவசாயிக்கு இலவச காப்பீடு முடிவுரை

**3. முன்னுரை- பொருளுரை- மரம் வளர்ப்போம் மழை
பெறுவோம்- மழைநீர் சேகரிக்கும் நிலங்கள் - மழைநீர்
சேகரிக்கும் முறை -முடிவுரை**

MALAYALAM

ഉപന്യാസം തയ്യാറാക്കുക .

1. മാറുന്ന ലോകവും മാനവികതയും
2. വിദ്യാർത്ഥികളും രാഷ്ട്രീയവും

കുറിപ്പ് തയ്യാറാക്കുക .

1. ബാലാവകാശങ്ങളെക്കുറിച്ചു കുട്ടികൾക്ക് ഒരു ബോധവൽക്കരണ ക്ലാസ് സംഘടിപ്പിക്കണമെന്നാവശ്യപ്പെട്ടുകൊണ്ട് ബാലാവകാശ കമ്മീഷൻ ചെയർമാൻ കുറിപ്പ് തയ്യാറാക്കുക .
2. വിദ്യാലയ കലാസാഹിത്യവേദിയുടെ സെക്രട്ടറിയായ താങ്കളുടെ നേതൃത്വത്തിൽ കുറ്റിപ്പുഴ കൃഷ്ണപിള്ള ജന്മദിനംസമുചിതമായി ആചരിക്കുവാൻ തീരുമാനിച്ചു എന്ന് കരുതുക . സ്കൂൾ ബോർഡിൽ പ്രസിദ്ധീകരിക്കാൻ ഒരു ക്ഷണക്കത്തു തയ്യാറാക്കുക

പത്രവാർത്ത തയ്യാറാക്കുക.

1. അതിജീവനമാണ് പ്രതിരോധത്തിന്റെ പ്രകടിത രൂപം . വൈകല്യങ്ങളെ അതിജീവിച്ചു പഞ്ചഗുസ്തി മത്സരത്തിൽജനറൽ വിഭാഗത്തിൽ ഒന്നാം സ്ഥാനം കരസ്ഥമാക്കിയ പൂർവ്വ വിദ്യാർത്ഥി ജോബിൻ സെബാസ്റ്റ്യൻ നിങ്ങളുടെ സ്കൂളിൽ സ്വീകരണം നൽകി എന്ന് കരുതുക . പ്രസ്തുത സമ്മേളനത്തിന്റെ പത്രവാർത്ത തയ്യാറാക്കുക .
2. ഒരു നാടോടി സ്ത്രീയെയും അവരുടെ കുട്ടിയേയും നാട്ടുകാർ പൊതിരെ തല്ലി . ഈ സംഭവത്തെ ഒരുപത്രവാർത്തയാക്കി മാറ്റുക .

SOCIAL SCIENCE

TOPIC: CONSUMER AWARENESS

Objectives:

1. The overall objective of the project work is to help students gain an insight and pragmatic understanding of the theme and see all the Social Science disciplines from interdisciplinary perspective. It should also help in enhancing the Life Skills of the students.
2. Students are expected to apply the Social Science concepts that they have learnt over the years in order to prepare the project report.
3. If required, students may go out for collecting data and use different primary and secondary resources to prepare the project. If possible, various forms of art may be integrated in the project work.

Topics to be covered under the project:

- Meaning of Consumer
- Concept of Consumer Protection and Common Malpractices
- Need for Consumer Protection
- Consumer Movements (Case Studies to be mentioned)
- Causes of Consumer Exploitation
- Rights of Consumers
- Responsibilities of Consumers
- Ways and Means of Consumer Protection
- COPRA

INDIVIDUAL FORMAL HANDWRITTEN REPORT

INSTRUCTIONS AND GUIDELINES TO ON HOW TO WRITE THE PROJECT:

- The other side of the paper i.e., the left side should be used for pasting pictures, newspaper cuttings etc.
- However, lines to write/pictures/watermarks/borders can be printed.
- Cover page also has to be hand written.
- You can use charts/ coloured sheets/ any other paper.
- Cover page showing project title, student information, school and year.
- List of Content or Index
- Acknowledgement Preface – (In this section you may thank the people who have helped you in writing the report)
- Introduction – The Introduction should present the aim of the project and the background of investigation.
It should explain why the project is important and interesting.
- Topics with suitable heading
- Planning and activities to be done during the project, if any / if required
- Conclusion – What have you understand about the project, its importance etc.
- Bibliography – This includes references to websites and books / articles consulted while writing the report. While mentioning the website - the correct web address and not just the name of the search engine should be mentioned.
- All photographs and sketches should be labelled and related to the theme.
- Question based on the project report will be asked as Viva test.

Viva test on: 9/9/2024

NOTE: Kindly be adhere to the submission date:9/9/2024

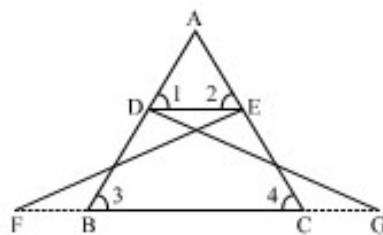
SUBJECT : MATHEMATICS

1. Prove that $\sqrt{2} + \sqrt{3}$ is an irrational number.
2. Find the smallest number which when divided by 25, 40 and 60 leaves remainder 7 in each case.
3. Find the greatest number that will divide 445, 572 and 699 leaving remainders 4, 5 and 6 respectively.
4. If $\bar{\alpha}, \bar{\beta}$ are the zeroes of the polynomial $\overline{2x^2 - 4x + 1}$, find the value of $\frac{\overline{1}}{\alpha+2\beta} + \frac{\overline{1}}{\beta+2\alpha}$.

5. Find the zeroes of the polynomial $2s^2 - (1 + 2\sqrt{2})s + \sqrt{2}$ by factorization method and verify the relationship between the zeroes and coefficients of the polynomial.
6. If in a rectangle, the length is increased by 2 units and the breadth is reduced by 2 units, the area is reduced by 28 square units. If the length is reduced by 1 unit and the breadth is increased by 2 units, the area is increased by 33 square units. Find the dimensions of the rectangle.
7. Draw the graphs of $x - y + 1 = 0$ and $3x + 2y - 12 = 0$. Calculate the area bounded by these lines with x - axis.
8. Solve for x and y :

$$\overline{a^2x - b^2y = a^2 - 2b^2} \text{ and } \overline{b^2x + a^2y = b^2 + 2a^2}$$

9. Solve for x : $\left(\frac{x}{x+1}\right)^2 + 6 - 5\left(\frac{x}{x+1}\right) = 0, \overline{x \neq -1}$.
10. If $(m^2 + n^2)x^2 - 2(mp + nq)x + (p^2 + q^2) = 0$ has equal roots, then show that $\frac{\overline{m}}{p} = \frac{\overline{n}}{q}$.
11. In a flight of 600 km, an aircraft was slowed due to bad weather. The average speed for the trip was decreased by 200 km/hour and the time of the flight increased by 30 minutes. Find the duration of the flight.
12. If m th term of an AP is $\frac{1}{n}$ and its n th term is $\frac{1}{m}$. Show that its (mn) th term is 1.
13. Three terms are in AP such that their sum is 18 and the sum of their squares is 158. Find the terms.
14. Find the middle term of the sequence formed by all three the- digit numbers which leave a remainder 3, when divided by 4. Also, find the sum of the numbers on both sides of the middle terms separately.
15. The sum of n terms of two APs are in the ratio $\overline{5n + 4} : \overline{9n + 6}$. Find the ratio of their 25th terms.
16. The perimeter of two similar triangles are 25 cm and 15 cm respectively. If one side of the first triangle is 9 cm, what is the corresponding side of the other triangle?
17. The side BC of a $\overline{\triangle ABC}$ is bisected at D; O is any point in AD, BO and CO are produced to meet AC and AB at E and F respectively and AD is produced to X so that D is the midpoint of OX. Prove that $\overline{AO : AX = AF : AB}$ and $\overline{FE \parallel BC}$.
18. In figure, $\overline{\triangle FEC \cong \triangle GBD}$ and $\angle 1 = \angle 2$. Prove that $\overline{\triangle ADE \sim \triangle ABC}$



19. The line segment joining the points A (3, 2) and B (5, 1) is divided at the point P in the ratio 1:2 and it lies on the line $3x - 18y + k = 0$. Find the value of k .
20. What points on y -axis are at a distance of 10 units from the point A (- 8, 4).

NOTE: Homework should be done on A4 size sheets. Arrange the answer sheets orderly, keep them in a folder and submit. Front page should be decorated also it should depict your name, grade and section. Kindly be adhere to the submission date i.e.03/09/2024.

SUBJECT : SCIENCE

PHYSICS

1. To prepare a scrapbook on refraction of light through
 - i) A rectangular glass slab
 - ii) Spherical lenses
2. A ray of light travelling in air enters obliquely into water. Does the light ray bend towards or away from the normal ? Why ?
3. Name the type of mirror used in the following situations :
 - (i) Head light of a car
 - (ii) Rear-view mirror of vehicles
 - (iii) Solar furnace
4. Explain why a ray of light passing through the centre of curvature of a concave mirror gets reflected along the same path ?
5. With respect to air, the refractive index of ice is 1.31 and that of rock salt is 1.54. Calculate the refractive index of rock salt with respect to ice.
6. A concave lens has focal length of 15 cm. At what distance should the object from the lens be placed so that it forms an image at 10 cm from the lens ? Also, Find the magnification of the lens.
7. Two lenses of power 6 D and 2 D are kept in contact, will the focal length of combination increase or decrease ? Why ?

8. Draw a diagram to show dispersion of white light by a glass prism. Label the colours that appear at the two ends of the colour band. State the reason why different coloured rays deviate differently in the prism.

CHEMISTRY

1. Which of the following gases is used to store fat and oil-containing foods for a long time ?

- a) Carbon dioxide
- b) Oxygen
- c) Nitrogen
- d) Neon

2. The chemical reaction between Hydrogen sulphide and iodine to give Hydrogen iodide and sulphur is given below :

$\text{H}_2\text{S} + \text{I}_2 \rightarrow 2\text{HI} + \text{S}$. The reducing and oxidising agents involved in this redox reaction are :

- a) Iodine and sulphur, respectively
- b) Iodine and hydrogen sulphide, respectively
- c) Sulphur and iodine, respectively
- d) Hydrogen sulphide and sulphur, respectively

3. Solid Calcium oxide reacts vigorously with water to form Calcium hydroxide accompanied by the liberation of heat. From the information given above it may be concluded that this reaction

- a) is endothermic and pH of the solution formed is more than 7.
- b) is exothermic and pH of the solution formed is 7.
- c) is endothermic and pH of the solution formed is 7.
- d) is exothermic and pH of the solution formed is more than 7

4. Juice of tamarind turns blue litmus to red. It is because of the presence of an acid called :

- a) methanoic acid

- b) acetic acid
- c) tartaric acid
- d) oxalic acid

5. Select from the following a process in which a combination reaction is involved :

- a) Black and White photography
- b) Burning of coal
- c) Burning of methane
- d) Digestion of food

6. ACTIVITY : -Prepare power point presentation consisting of minimum 10 slides on any one of the following topics.

A. Types of Chemical Reactions

B. Acids, Bases and Salts

C. Indicators, pH value, pH Scale

BIOLOGY

- 1. To write question and answers of chapter Control and Coordination.
- 2. To complete the practical record.