



FLORENCE INTERNATIONAL SCHOOL
(Senior Secondary Affiliated With CBSE | ISO 21001:2018 Certified)

GRADE- 7



Theme: - Learning from the past, Innovating for the future, Sustaining the present

General instructions:

- Parents are requested to only guide their children while doing assignments
- All the work should be neatly done.
- Wherever required parents can take the printouts of the assignment or copy the work (handwritten)

Subject	Homework
ENGLISH	Read the book 'Matilda' and write the character sketch of any one character from the book. Do this in your Scrapbook. You may illustrate by pasting pictures or drawing sketches from the story.
HINDI	<ul style="list-style-type: none">• अपनी Scrapbook में श्रीनिवास रामानुजम से संबंधित एक लेख तैयार कीजिए (लगभग 50 शब्दों में) तथा उनका चित्र चिपकाइये।• सर्दी की छुट्टियों में आप किसी स्थान पर घूमने गए हैं, उसकी यात्रा का वर्णन अपने शब्दों में कीजिए (in Scrapbook लगभग 80 शब्द) ।
SST	<ul style="list-style-type: none">• Collect pictures of historical monuments of Mughal period showing architectural specialities or features such as design and decorative art and paste them in your Scrapbook giving detail of each picture.

COMPUTER	<ul style="list-style-type: none"> • Find the logo of the following and paste it in your scrapbook (5 Each)- <ol style="list-style-type: none"> E-Learning Sites E-Commerce Sites Social Networking Services Media Streaming Services Instant Messaging Services • List out some famous virus and antivirus and paste their pictures in your scrapbook
SCIENCE	1. Activity: Visit any zoological park/botanical garden. Observe the flora and fauna. Paste the pictures and describe them.
ART	1. Activity: Draw a beautiful village landscape using the concept of light and shade using pencil colours in your drawing files.

ENGLISH WORKSHEET

Q1. Fill in the blanks:

Determiners

1. I saw ___ elephant in the zoo. (a/an/the)
2. ___ stars are shining brightly tonight. (These/Those/That)
3. There isn't ___ milk left in the fridge. (some/any/much)
4. Could you hand me ___ book on the table? (this/that/those)

Adverbs

1. She sings ___ in the choir. (beautifully/hardly)
2. He left the meeting ___ because he was upset. (angrily/happily)
3. They have ___ completed the project. (already/never)
4. The train arrived ___ than expected. (earlier/longer)

Degree of Adverbs

1. She runs ___ than her brother. (fast/ faster)
2. The teacher explained the topic ___ clearly. (too/very)
3. It was ___ hot to go outside yesterday. (very/too)
4. He solved the puzzle ___ easily. (most/quite)

Prepositions

1. The book is lying ___ the table. (on/over/in)
2. They went ___ the park for a picnic. (to/in/at)
3. She sat ___ her best friend during the concert. (beside/between/among)

4. He has been living in this city ____ 2010. (since/from/for)

Phrasal Verbs

(carry on, call off, drop in, turn down)

1. The manager decided to _____ the meeting due to bad weather.
2. Despite the challenges, they chose to _____ with their project.
3. She had to _____ the job offer because it was too far from home.
4. Feel free to _____ whenever you're in the neighborhood.

Compound Words

(newspaper, spaceship, sunroof, starfish)

1. The car has a _____, so we can enjoy the sunshine while driving.
2. Astronauts are preparing to travel in the _____ new to Mars.
3. The child was amazed to see a live _____ at the aquarium.
4. I like to read the _____ every morning with my coffee.

Idioms

(once in a blue moon, the best of both worlds, the last straw, beating around the bush)

1. When he forgot my birthday again, it was _____ and I stopped talking to him.
2. She visits her hometown _____, so everyone gets excited when she does.
3. Working from home gives her _____ —comfort and productivity.
4. Stop _____ and tell me what you really think

Change from Active voice to Passive voice

1. The chef prepared a delicious meal.
2. The teacher is explaining the lesson.
3. They will complete the project by next week.

Change from Passive voice to Active voice

1. The letter was written by Sarah.
2. The house is being painted by the workers
3. The homework will be checked by the teacher tomorrow.

Q2. Read lessons 11, 15 and 18 of your Literature book.

HINDI WORKSHEET

प्रश्न- 1. निम्नलिखित प्रश्नों के उत्तर दीजिए-

- 1- वाक्य किसे कहते हैं ? इसके भेदों को कितने आधारों पर बाँटा गया है ?
- 2- अविकारी शब्द किसे कहते हैं ?
- 3- खरबूजे बेचने वाली महिला के घर में क्या घटना घटी थी ?
- 4- सत्यवती के पिता ने क्या शर्त रखी थी ?
- 5- रामानुजम की मृत्यु कब तथा किस रोग के कारण हुई थी ?
- 6- प्रश्नवाचक चिन्ह तथा विस्मय वाचक चिन्ह का एक-एक उदाहरण लिखिए ।

प्रश्न- 2. निम्नलिखित अशुद्ध वाक्यों को शुद्ध करके लिखिए-

- 1- उसको अतिथि के गले में हार पहनाया।
- 2- चाची जी साड़ी खरीदी।
- 3- हमें नेत्र दिखाना बंद करो।

प्रश्न- 3. निम्नलिखित शब्दों के विलोम लिखिए-

1. स्वार्थ
2. जन्म
3. आदर

प्रश्न- 4. निम्नलिखित वाक्यों के एक-एक उदाहरण लिखें-

1. निषेध वाचक
2. प्रश्न वाचक
3. विस्मय वाचक

MATHS WORKSHEET

General Instructions:-

- Questions contain internal choices
- Attempt all questions

1. Rational Numbers

Simplify the following:

1. $7/8 + 21/24$

2. $13/-14 + (-3)/21$

3. $9/7 - 11/7$

4. $-3/14 - 6/-35$

5. $6/7 \times 10/9$

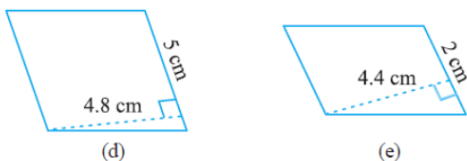
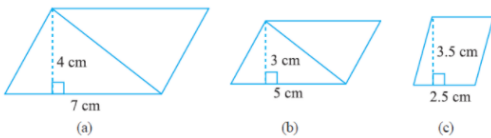
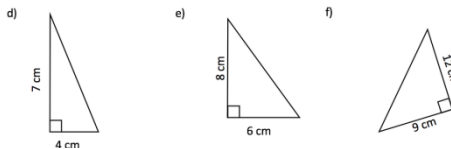
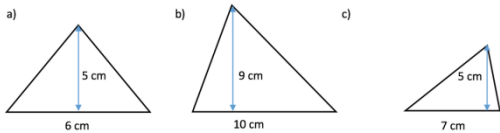
6. $14/-9 \times 20/-7$

7. $12/-5 \div 2/5$

8. $41/3 \div (-2)/15$

2. Perimeter and Area.

Find the area of given figures:



3. Algebraic Expression:

Solve the following problem.

The sum of first n natural numbers is given by $\frac{n(n+1)}{2}$. Find

- the sum of first 12 natural numbers.
- the sum of first 7 natural numbers.

The sum of square of first n natural numbers is given by $\frac{n(n+1)(2n+1)}{6}$. Find

- the sum of square of first 8 natural numbers.

4. Exponents and Powers

Simplify the following:

(i) $(\frac{3}{4})^8 \times (\frac{4}{3})^5$ (ii) $(\frac{5}{7})^5 \times (\frac{5}{7})^{-6}$

Solve the following:

$$\left[\left(\frac{7}{9} \right)^3 \times \left(\frac{7}{9} \right)^8 \right] \div \left[\left(\frac{7}{9} \right)^2 \times \left(\frac{7}{9} \right)^4 \right]$$

S.S.T WORKSHEET

Q1) Multiple Choice Questions:

a. Heer Ranjha was written by

- 1) Tulsidas 2) Surdas 3) Faisal 4) Waris Shah

b. Who were known as King makers

- 1) Khan brothers 2) Syed brothers
3) Ali Brothers 4) Khalji brothers

c. The Legislative Assembly

- 1) Approves budget 2) Frames law
3) Repent's peoples opinions 4) All of these

Q2) Fill in the blanks:

1. The state legislature can also make laws on_____ list.
2. The government performs_____ functions for the people.
3. Secret ballot guarantees to voters.

Q3) State True or False:

1. Courts are responsible for keeping a check on infectious diseases.
2. India has a bi- party system .
3. Jagannath temple is located in Punjab.

Q4) Very Short Answer Questions:

1. List two discretionary powers of the Governor.
2. Why is it difficult for the poor to get treated at the private hospitals?
3. How did Temple building develop in Bengal
4. What were chauth and sardeshmukhi? Describe briefly .

Q5) Short Answer Questions:

1. Prevention is better than cure what precautions should we take to stay healthy
2. What moral code of conducts are to be followed by the political parties before elections
3. How were women portrayed as heroic figures in the Rajput kingdom?

Q6) Long Answer Questions:

1. Discuss the causes for the decline of the Mughal Empire.

2. Describe the significant features of local self government under the chola.

COMPUTER WORKSHEET

Q1. Choose the correct option.

- a) Facebook was founded by - _____
(i) Jack Dorsey (ii) Mark Zuckerberg (iii) Tom Anderson (iv) Bill Gates
- b) The maximum number of characters in a tweet are - _____
(i) 160 (ii) 140 (iii) 180 (iv) 280
- c) Unsolicited and unwanted email usually sent by companies to advertise and sell their products is called - _____
(i) Spyware (ii) Spam (iii) Adware (iv) Junk
- d) A virus that infects program files in a computer is - _____
(i) multipartite virus (ii) micro virus (iii) software virus (iv) program virus
- e) The app market place for Windows is called- _____
(i) Window Play (ii) Window Market (iii) Windows Store (iv) Microsoft Store
- f) An app cannot be used to for - _____
(i) playing music (ii) making copy (iii) taking photos (iv) taking notes
- g) Which discipline of study contributes towards the study of particularities of the mind and behavior- _____
(i) Philosophy (ii) Biology (iii) Psychology (iv) Linguistics
- h) The type of machine learning AI that makes use of labelled database is - _____
(i) reinforcement (ii) unsupervised
(iii) supervised (iv) semi supervised

Q2. State true or false-

- a) Blog posts are arranged in chronological order with the oldest entry appearing first.
b) Siksha.com, Meritnation.com and Vedantu.com are examples of e-Learning websites.
c) Virus can infect files on CD ROMs and DVD ROMs.
d) Computer worms affect the speed of a computer as well as the bandwidth available on a computer network.
e) Apps for windows can be downloaded from Google Play app.
f) Apps only work on mobile devices
g) Supervised learning depends on unlabeled datasets.
h) The field of Mathematics and Statistics can contribute towards numerical models of abstract ideas.

Q3. Fill in the blanks-

- a) _____ is an example of Online Telephony Service.
b) The process of creating editing or maintaining a blog is called _____.
c) Melissa, Relax, Concept and Nuclear are some examples of _____.
d) _____ is the unauthorized act of copying or transferring Private data that belongs to an organization or an individual without their consent.

- e) Web apps are created using Technology such as _____.
- f) Apps that combine features of both native and web apps are called _____.
- g) _____ is also referred to as Rule-Based AI.
- h) In _____ learning the training data is collected by an autonomous AI agent while performing goal-directed actions.

SCIENCE WORKSHEET

General Instructions:-

- Attempt all questions

1. Fill in the blanks:

- A) The digestion of all food components is completed by the _____ juice.
- B) The largest gland of human body is _____.
- C) The alimentary canal stretches from _____ to _____.
- D) The hotness of an object is determined by its _____.
- E) Temperature is measured in degree _____.
- F) The number of times a person breathes in 1 minute is called _____.

2. Describe the following:

- A) Dispersion of light.
- B) Electric circuit
- C) Self and cross pollination
- D) RBC and WBC

3. Draw the following diagrams:

- A) Open and closed circuit
- B) Excretory system
- C) Convex and concave mirror
- D) Flower with different parts