



Sachdeva Public School

Sector 13, Rohini



HOLIDAYS HOMEWORK
CLASS IX
SESSION 2019-2020



SPS, ROHINI

HOLIDAY HOMEWORK (2019-2020)

CLASS IX

ENGLISH

Note: Attempt the given questions in English Practice Register.

- Q1.Many children get nervous before the board exams, which affects their health and performance. Good counselling is needed to help them overcome 'Exam Fever'. Write an article on the topic 'Need For Counselling Among Students' in about 100-150 words.
- Q2.Advertisements exercise a lot of influence on common man. They have invaded man's life through media. Write a speech on the topic 'Effects of Advertisements on Consumers' in about 150-200 words.
- Q3.Last Sunday you visited India Book Fair which was held at Pragati Maidan, New Delhi. Write a diary entry in about 80-100 words about what you saw and experienced there.
- Q4.You are going to participate in an Inter School Declamation Contest and you have to speak on the topic 'Modern Gadgets Have Made Us Slaves'. Using your own ideas write a speech on the given topic in about 150 -200 words.
- Q5.Write a short story in about 150-200 words using your own imagination. Your story must have the following beginning:
- Hemant was woken up by a strange noise in the attic...
- Q6.'Courage is not the absence of fear; it is the conquest of it.' Write a paragraph on the given topic in about 100-150 words and give it a suitable title.
- Q7.Write a paragraph in about 100-150 words describing a funny incident that you experienced during summer break.
- Q8.Using the information given in the box below and adding your own ideas, write a paragraph in about 100-150 words and give it a suitable title.

Hints: Gethsie Shanmugam-a Sri Lankan teacher- psychological counsellor - social worker -born in 1934 to a clerk in a British tea estate- education - Mowbray private girls' boarding school-became a teacher-followed a course at [Nallur](#) training college- 1967, started her career as an [English](#) teacher-developed interest in [psychology](#) -a volunteer counsellor-after retiring from St. Joseph's college in 1983-conducted number of psycho social works for adults and children - internally displaced in conflict zones during the [civil war](#)- her service to victims- [Sri Lankan civil war](#)- awarded the prestigious [Ramon Magsaysay Award](#) - 2017 -for braving bombings- threats of arrests in conflict areas- counsel war widows- orphans -children affected by the civil war.



- Q9. It is true that our education system has certain limitations but we often fail to see the beauty of our school life. Explain with reference to the lesson 'The Fun They Had'.
- Q10. There is always a way out of the challenges of life. One has to trace the way and adhere to it with unstaggering faith in one's abilities. Justify this statement with reference to Evelyn's life. (Refer to the lesson 'Sound of Music')
- Q11. "The statue of happy prince is a figure of charity and sacrifice." Give reasons to support your answer. (Refer to the lesson 'The Happy Prince')
- Q12. What are the qualities of a good listener? Does Mahendra prove to be a good listener? Why/Why not? (Refer to the lesson 'Iswaran the Storyteller')
- Q13. How does the behaviour of the child before and after separation from his parents show that he has great love for them? (Refer to the lesson 'The Lost Child')
- Q14. Imagine you are the poet of the poem 'Rain on the Roof'. You lie in your bed-chamber listening to the patter of the rain. Many memories of your childhood occupy your mind. Write a diary entry in about 100-150 words about the most important experience that you can recollect.
- Q15. Suggest a different ending for the story, 'Iswaran the Storyteller'.

हिंदी

नोट:- निम्नलिखित प्रश्नों के उत्तर अभ्यास कार्य पुस्तिका में लिखिए।

प्रश्न-1 निम्नलिखित शब्दों का वर्ण-विच्छेद कीजिए:-

घृणा, निर्वाह, ब्रह्मा, वैज्ञानिक, संबंध

प्रश्न-2 निम्नलिखित शब्दों में उचित स्थान पर अनुस्वार व अनुनासिक लगाकर शब्द पुनः लिखिए-

आचलिक , गाव , सिद्धात, अदाज़ा, मुह

प्रश्न-3 'ज' व 'फ' में नुक्ता लगाकर दो-दो शब्द लिखिए-

प्रश्न-4 निम्नलिखित उपसर्गों से बननेवाले दो-दो शब्द लिखिए-

अनु , अव , नि , परि , दुर

प्रश्न-5 निम्नलिखित प्रत्ययों से बननेवाले दो-दो शब्द लिखिए-

ता , कार , ई , ईला , वान

प्रश्न-6 निम्नलिखित शब्दों में 'र' व्यंजन का प्रयोग उचित रूप में कीजिए-

र्गह , आश्रिक , समधन , सप्र , र्पकाश, ध्रम

प्रश्न-7 निम्नलिखित अनुच्छेद में उचित स्थान पर विराम-चिह्न लगाकर अनुच्छेद पुनः लिखिए-

दीपावली की रात थी चारों ओर रोशनी ही रोशनी थी सारा नगर जगमगा रहा था सारा आकाश पटाखों की गूँज और धुएँ से भर गया था साँस लेना भी दूभर हो रहा था पर सभी बच्चों के चेहरों पर अजीब सा उल्लास था

प्रश्न-8 'मातृभूमि : माँ के समान' विषय पर 80 से 100 शब्दों में एक अनुच्छेद लिखिए।

प्रश्न-9 आपकी सहेली भरतनाट्यम की अच्छी नृत्यांगना है। वह यूरोप के कुछ देशों में नृत्य प्रस्तुत करने अपनी स्कूल-टीम के साथ जा रही है। इस संदर्भ में उसे एक शुभकामना पत्र लिखिए।

प्रश्न-10 निम्नलिखित चित्र को देखकर 20-30 शब्दों में उसका वर्णन कीजिए:-





संस्कृत

नोट—अधोलिखितप्रश्नानाम् पृष्ठे कुरुत—

प्र1 अधोलिखितवाक्येषु रिक्तस्थानानि पूरयत—

- 1 वयम् ————— खादामः । (फल)
- 2 ————— एका कन्या अस्ति । (सीता)
- 3 रामः ————— पठति । (विद्यालय)
- 4 सरसि सुंदराणि ————— सन्ति । (कमल)
- 5 ————— मत्स्याः तरन्ति । (नदी)

प्र2 अधोलिखितपदेषु का विभक्तिः प्रयुक्ता ? वाक्येषु प्रयोगं कृत्वा प्रदर्शयत् ।

निकषा ,समया, कुशलः , प्रति , उभयतः , बहिः , अधः , उपरि , नमः ,अलम् ।

प्र3 1—3 पाठानाम् पदानुशालिनीम् अनुसृत्य समानार्थक—शब्दान् लिखत ।

प्र4 स्वदिनचर्यायाः विषये एकं अनुच्छेदं लिखत ।

प्र5 स्वरसंधेः भेदाः उदाहरणसहितं लिखत ।

प्र6 'मेलकस्य' चित्रं आधृत्य पंचवाक्यानि संस्कृतभाषायाम् लिखत ।

प्र7 विलोमपदं लिखत ।

मित्रं, दिवसे, उचितं, धनिकः, गुणहीनः, आकाशः

प्र8 दश उपसर्ग—युक्त—धातून् अर्थसहितं लिखत ।



FRENCH

Note: Attempt the given questions in French Fair note book.

Q1. Mettez le dialogue en ordre:

Jerôme : Non, avec mes amis.
Peter : Vous êtes allé tout seul?
Jerôme : Hier soir, je suis allé au cinéma.
Peter : Que avez-vous fait hier soir?
Jerôme : Je suis revenu à 10 h du soir.
Peter : Quand êtes –vous revenu?
Jerôme : Oui, beaucoup.
Peter : Vous vous êtes amusé?

Q2. Écrivez une invitation à ton ami(e) lui invitant pour ton anniversaire.

Q3. Complétez avec les articles:

- a. Il a donné des livres _____ étudiants.
- b. Je mange _____ viande parceque je n'aime pas _____ poulet.
- c. Le chapeau _____ homme est brun.
- d. Il y a _____ très bon livre dans _____ bibliothèque.
- e. C'est le bureau _____ mon père.

Q4. Retrouvez les phrases:

- a. est/L'/un/incroyable/pays/Inde.
- b. chien/ un/ sous/ il/ table/ a/ y/ cette/ petit.
- c. mis/ nouvelles/ où/ cassettes/ as/ tes/ tu?

Q5. Complétez avec les adjectifs possessifs:

- a. Les enfants aiment beaucoup _____ parents.
- b. Je ne peux pas oublier _____ pays.
- c. Ajoutez du sucre dans _____ café, s'il vous plait!
- d. Comment nage _____ sœur?
- e. Je m'inquiète de _____ resultats.

Q6. Mettez les adjectifs démonstratifs:

- a. _____ marché vend des choses variés.
- b. Il a écrit _____ pièce et _____ roman.
- c. _____ hôtel de luxe est grand.
- d. Il habite dans _____ appartement.
- e. Veux-tu _____ dossier?



Q7. Complétez avec les prépositions: (derrière, chez, de, contre, avec)

- a. Je vais _____ le boucher.
- b. Donnez-moi une douzaine de tasses _____ café.
- c. L'image est _____ le mur.
- d. Le garage est _____ la maison.
- e. Au tableau , le professeur écrit _____ les craies.

Q8. Corrigez les fautes :

Regardes la télé! Il y a un très bonne programme. Je connaît que tu n'aimes pas regarder la télé mais tu doit regarder la télé aujourd'hui. Si tu aimes le programme, téléphonez-moi.

Q9. Trouvez la question:

- a. Sa cravate est grise.
- b. Nicolas revient d'Espagne.
- c. Si, nous jouons tous les jours.
- d. Nous arrivons à 5h du soir.
- e. Je vais bien, merci.

Q10. Conjuguez les verbes au présent:

- a. se promener
- b. prendre
- c. aller
- d. vouloir
- e. pouvoir



MATHEMATICS

Note: Do the following questions on sheets.

Q1. Find three rational numbers between $\frac{1}{4}$ and $\frac{1}{2}$.

Q2. Represent $\sqrt{5}$ on the number line.

Q3. The cost of an article was ₹15500. ₹450 were spent on its repairs. If it is sold at a profit of 15%, find the selling price of the article.

Q4. Factorise:

a) $25a^2 - 4b^2 + 28bc - 49c^2$

b) $x^2 - 10x + 21$

Q5. Evaluate $(x+2y)(x^2-2xy+4y^2)$ by using suitable identity.

Q6. Without actual division, prove that $x^4 + 2x^3 - 2x^2 + 2x - 3$ is exactly divisible by $x^2 + 2x - 3$.

Q7. If both a and b are rational numbers, find the value of a and b.

$$\frac{5 + 2\sqrt{3}}{7 + 4\sqrt{3}} = a + b\sqrt{3}$$

Q8. If $25^{x-1} = 5^{2x-1} - 100$, find the value of x.

Q9. Let R_1 and R_2 are the remainders when the polynomials $x^3 + 2x^2 - 5ax - 7$ and $x^3 + ax^2 - 12x + 6$ are divided by $x+1$ and $x-2$ respectively. If $2R_1 + R_2 = 6$, find the value of a.

Q10. Show that $0.2\overline{35}$ can be expressed in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$.

Q11. Express $\frac{2157}{625}$ in the decimal form.

Q12. Find two irrational numbers lying between $\sqrt{2}$ and $\sqrt{3}$.

Q13. Without actually calculating the cubes, find the value of $(28)^3 + (-15)^3 + (-13)^3$.



SCIENCE

Note: Attempt the following questions on sheets.

PHYSICS

- Q1. Draw a velocity versus time graph of a stone thrown vertically upwards and then coming downwards after attaining the maximum height.
- Q2. Two stones are thrown vertically upward simultaneously with their initial velocities u_1 and u_2 respectively. Prove that the height reached by them would be in the ratio of $u_1^2 : u_2^2$.
- Q3. A body starts to slide over a horizontal surface with an initial velocity of 0.5 m/s. Due to friction, its velocity decreases at the rate of 0.05 m/s^2 . How much time will it take for the body to stop?
- Q4. A car starts from rest and moves along the X-axis with constant acceleration of 5 m/s^2 for 8 seconds. If it then continues with constant velocity, what distance will the car cover in 12 seconds since it started from the rest?
- Q5. Derive the second equation of motion by graphical method.

CHEMISTRY

- Q1. Liquids generally have lower density as compared to solids, but ice floats on water. Why?
- Q2. Explain how gases can be liquefied? Write full form of CNG and LPG.
- Q3. How can the boiling point of a liquid be raised, without adding any impurity?
Give suitable examples with an activity.
- Q4. Name the process associated with the following:
(a) Dry ice is kept at room temperature at one atmospheric pressure.
(b) An acetone bottle is left open and the bottle becomes empty.
(c) Fine beam of light entering through a small hole in a dark room, illuminates the particles in its path.
- Q5. Draw neat and labeled diagrams of the following:
(a) Chromatography (b) Sublimation (c) Fractional distillation

BIOLOGY

- Q1. Distinguish between:
(a) xylem and phloem
(b) collenchyma and sclerenchyma
(c) meristematic cell and Parenchyma cell
- Q2. Name the following:
(a) unit of nervous system
(b) scientist who expanded the cell theory
(c) site of protein synthesis
(d) powerhouse of the cell
- Q3. What are the advantages of manure over fertilizers?
- Q4. Name a fluid connective tissue. Write its functions.
- Q5. Draw neat and well labeled diagrams of:
(a) a prokaryotic cell
(b) an animal cell
(c) a plant cell



SOCIAL SCIENCE

Note: Answers of the following questions to be attempted in the respective notebooks.

History and Political Science

- Q1. Discuss the condition of women after the Revolution.
- Q2. List the reasons for the fall of Tsarist autocracy.
- Q3. Describe the impact of First World War on Russia.
- Q4. Why modern democracies are called representative democracy?
- Q5. What is a Preamble? State its importance.

Geography

- Q1. What is the latitudinal extent of India?
- Q2. Why do we need the standard meridian of India?
- Q3. Explain the features of the Northern Plains of India.
- Q4. Distinguish between the Eastern and the Western coastal Plains of India.
- Q5. Define the following terms:
 - a) Doab
 - b) Distributary

Economics

- Q1. Explain the factors of production with the help of a flowchart.
- Q2. 'Capital is a basic need in Agriculture'. How is it arranged by small, medium and large farmers in India?
- Q3. State any three benefits of the spread of electricity in Palampur.
- Q4. What is Green Revolution?
- Q5. How can one grow more than one crop on the same piece of land? Explain.

Project: Disaster Management as specified in the class.



COMPUTER APPLICATIONS

Note: Write the answers in the class register.

Q1. Explain the use of each of the three components of a CPU.

Q2. Write the difference between RAM and ROM.

Q3. Write the difference between LAN, MAN and WAN.

Q4. Define the following terms.

- a) System Software
- b) Device Drivers
- c) Utility Software
- d) Hardware
- e) Operating System

Q5. Write the different types of text alignment options.

Project: Two greeting cards using different formatting features of word processing software as specified in the class.



PAINTING

Q1. Make a beautiful painting on the following topics on A-3 size ivory sheet:

1. Save Environment
2. Visit to a Monument with Family
3. Village Scene
4. Folk Art
5. Election

Q2. Make 5 Sketches on A-3 size ivory sheet.

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