

DAV Public School, Jehanabad
Deepawali & Chattah Puja Vacation Homework
Class – IX

English

Fill in the blanks with appropriate words given in the brackets.

1. Each of the students _____ present there that day. (was/were)
2. One of my friends.....visited the place.(has/have)
3. A number of people expected to visit. (was/were)
4. Neither Ravi nor his brother gone yet.(has/have)
5. The man along with his brother come here.(has/have)

Fill in the blanks with appropriate modals:

6. One help the needy people. (will/must/ought to/could)
7. You know how to reach the temple.(should/ought to/could/would)
8. Suddenly I heard a knock on the door. I opened the door and saw a poor man standing there.....(complete the story)
9. What is a legend? Why do you think the poem 'A legend of the Northland' is a legend?
10. Explain the theme of the poem 'No Men are Foreign'

Hindi

1. निम्न शब्दों में उपसर्ग और मूल शब्द अलग करें।
अत्यंत, अत्याचार, पराकाष्ठा पराधीन संभाषण
2. निम्न शब्दों में प्रत्यय और मूल शब्द अलग करें।
नमकीन, लकड़हारा, बुढ़ापा, सामाजिक, लड़कपन
3. निम्न सामासिक पदों का विग्रह करें -
सूर्योदय, आजीवन, लौहपुरुष स्वर्णकमल आशा निराशा
4. अर्थ की दृष्टि से वाक्य के सारे भेदों को एक एक उदाहरण सहित लिखें-
5. श्लेष अलंकार के दो दो उदाहरण दें-
6. हरिशंकर परसाई की सारी रचनाओं के नाम लिखें।
7. भाव स्पष्ट करें।
तुम पर्दे का महत्व ही नहीं जानते हम पर्दे पर कुर्बान हो रहे हैं।
8. गाँव को ' मरकत के डिब्बे- सा खुला' क्यों कहा गया है?
9. 'आदर्श विद्यार्थी' शीर्षक पर 250 शब्दों में निबंध लिखें।
10. 'रीढ़ की हड्डी' पाठ से आपको क्या प्रेरणा मिलती है?

Mathematics

1. State and proof Midpoint theorem.
2. If in a quadrilateral, each pair of opposite angle are equal ,then it is a parallelogram.prove it.
3. Show that the bisectors of angles of a parallelogram enclose a rectangle.

4. In a rhombus, Show that diagonal AC bisects angle A as well as angle C. and diagonal BD bisects angle B as well as angle D.
5. ABCD is a parallelogram, if P and Q are points on AD and BC respectively. Such that $AP = \frac{1}{3}AD$ and $CQ = \frac{1}{3}BC$. Prove that AQCP is a parallelogram.
6. Show that the quadrilateral formed by joining the midpoint of the pairs of adjacent side of a square is a square.
7. If two parallel lines are intersected by a transversal then prove that the bisectors of any pair of alternate interior angles are parallel.
8. If $p=2-a$, prove that $a^3+6ap+p^3-8=0$.
9. Find the value of k for which $(x-1)$ is a factor of $(2x^3+9x^2+x+k)$.
10. If $x=3+2\sqrt{2}$, find the value of x^2+1/x^2 .

Social Science

History

1. Describe the main causes of the French Revolution. How did it bring changes in French society?
2. Explain the role of Lenin and the Bolsheviks in the Russian Revolution of 1917.
3. Write any five main features of Nazi ideology. How did Hitler use propaganda to control people's minds?
4. Democracy in the Contemporary World:
What were the main changes that took place in Poland during its transition from a communist rule to democracy?
5. Why is the Preamble called the "soul of the Constitution"? Explain its main objectives.

Geography

6. Differentiate between the Western Ghats and the Eastern Ghats.
7. Describe any three major divisions of India's physical features with one example from each.
8. What is the difference between a Himalayan river and a Peninsular river? Give examples.

Economics

9. How does investment in education and health lead to human capital formation? Explain with examples.
10. Imagine you are a policymaker. Suggest any three measures to reduce unemployment in rural India.

Science

Answer the given questions in separate holiday home work copy

- (1) What is atomicity ? Write the atomicity of sulphur and phosphorus.
- (2) Hydrogen and oxygen combine in the ratio of 1:8 by mass to form water. what mass of oxygen gas would be required to react completely with 10.5 g of hydrogen gas ?
- (3) Give the names of elements present in –
 - (a) Quick lime
 - (b) Hydrogen bromide
 - (c) Baking powder
 - (d) Potassium sulphate
- (4) What are polyatomic ions? Give 3 examples.

- (5) Write and explain the steps of hybridisation in plants.
- (6) Write and explain steps of crop production.
- (7) Explain crop protection management.

Sanskrit

पूर्णवक्येन उत्तरतु

- (1) वृक्षाः परेभ्यः किं कुर्वन्ति ?
- (2) चण्डनपदापस्य विविधानि अङ्गानि के आश्रितानि?
- (3) वृक्षाः अन्यस्य सुखस्य हेतोः किं धत्तेः?
- (4) अष्टावक्रस्य पिता किमर्थं जनकस्य राज्यसभा गतः आसीत्?
- (5) अष्टावक्रं दृष्ट्वा के उच्चैः अहसन्?
- (6) राज्यसभायां कस्य उपहासः अभवत्
- (7) समुचितान् विपर्यान् पदेन सह मेलनं कुर्वन्तु।

कटुता - गुणगाथा

दोषगाथा- छात्राः

जन्म - आशा

आतपः - मरणम्

निराशा - मधुरता

- (8) के किं आश्रितं इति विचार्य मेलनं क्रियताम्।

भुजङ्गैः - कुसुमानि

प्लवङ्गैः - मूलं

विहङ्गैः - शिखरम्

भृङ्गैः - शाखाः

- (9) उचितैः विशेषणपदैः रिक्त स्थानानि पूरयतु।

(i) अष्टावक्रः----- आसीत्।

(ii) एतत् धनम्----- नास्ति।

(iii) अहो बालकस्य----- निपुणता ।

(iv) राजसभा विद्वद्भिः----- अस्ति।

(v) आत्मा -----उच्यते।

(निरकरः, ईदृशी, भवदीयम्, अलङ्गकृता , सर्वशास्त्रपारङ्गतः)

- (10) पाठ 8 के दो श्लोक 5 तथा 6 को चाट पेपर पर सुंदर बड़े अक्षर में अर्थ सहित लिखे।

