

**Goodwill Public School**  
**Holidays Homework Session-2019-20**

**Class-IX**

**Subject- Maths**

Q1- Write the surface area, curved surface area and volume of cube, cuboid, cylinder, circle and hemisphere?

Q2- Write all the laws of exponents?

Q3- Write all the Algebraic identities?

Q4- Locate  $\sqrt{2}$ ,  $\sqrt{3}$ ,  $\sqrt{5}$  on number line?

Q5- Do the following question according to your roll no:-

**Roll no.- 1, 3, 5, 7**

1. Do all parts of question number-2 of Exercise-2.2.

**Roll no.- 2, 4, 6**

2. Do all parts of question number-3 of Exercise-2.2

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**Subject- Science**

Q1-Differentiate between Mixture and Compounds, Heterogeneous and Homogeneous?

Q2- Why do we wear cotton clothes in summer? Explain in your words?

Q3- Write all the characteristics of the particles of matter?

Q4- Write down the properties of a solution and suspension?

Q5- Do the following question according to your roll no:-

**Roll no.- 1, 3, 5, 7**

1. Make a chart of distillation and explain it..

**Roll no.- 2, 4, 6**

2. Make a chart of Evaporation and explain it.

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**Subject- English**

Q1- Write a debate for an against the topic, "Only a child from an educated family can achieve academic distinction"?

Q2- What made A.P.J. Abdul Kalam great? Explain in minimum 200 words?

Q3- Explain in detail "How to ensure not to get lost"?

Q4- Do you have a pet? Is your pet mischievous? Explain in your own words?

Q5- Do according to your roll number:-

**Roll no. -1, 3, 5, 7**

(a) Write the poem " A legend of Northland ". Draw or paste pictures.

**Roll no. - 2, 4, 6**

(b) Make a beautiful table with picture of Present Tense.

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## विषय – हिन्दी

प्रश्न 1- “शिक्षा बच्चों का जन्मसिद्ध अधिकार है” इस विषय पर अपने विचार एक निबन्ध के रूप में लिखो?

प्रश्न 2- समाज में महिलाओं को उचित गरिमा दिखाने हेतु आप क्या-क्या प्रयास कर सकते हैं? अपने शब्दों में लिखो?

प्रश्न 3- अपनी पाठ्यपुस्तक में से बीस मुहावरे लिखें व उनके अर्थ लिखकर वाक्य बनाएं?

प्रश्न 4- आपने अपने अब तक के जीवन में जितनी भी यात्राएं की हैं उनका वर्णन अपने अनुभव के आधार पर करें?

प्रश्न 5- निम्न प्रश्न अपने अनुक्रमांक के अनुसार करें:-

**अनुक्रमांक- 1, 3, 5, 7**

(क) दूरदर्शन पर दिखाए जाने वाले कोई पाँच विज्ञापन चित्र बनाकर प्रदर्शित कीजिए।

**अनुक्रमांक- 2, 4, 6,**

(क) कबीरदास की साखियाँ लिखकर चित्रों द्वारा भाव स्पष्ट कीजिए।

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