

R K Memorial Sr. Sec. School

Holidays' Homework 2020-21

CLASS-VII

SUBJECT-ENGLISH

Q1 Read chapter-1 and 2 from literature book and write character sketch of Rakesh , Grandfather and the beekeeper.

Q 2 Learn and write 50 conjugations. (three forms of verb)

Q3 Write 20 idiomatic expressions and use them in your own sentences.

Q4 Learn and write 50 synonyms and 50 antonyms from ch-25 in Grammar book.

Q5 Write a letter to your friend telling him/her how you are preparing yourself against corona virus and suggesting the same to her/him.

Q6 You are Aditi/Aditya, living at 15/45 Karol Bagh Delhi. You have been observing that the people of your locality are not following the rules of lockdown. Write a letter to the Station House Officer reporting about the same.

Q7 Your school is going to organise a speech competition. Write a notice for the school notice board informing the students about the details like date, venue, topic, time etc.

Q8 Write a notice informing the students about 'Yoga Day' which is going to be celebrated in your school on 21 June 2020.

Q9 Revise all work taught in online classes and complete the worksheets.

Q10 The third Sunday of June is 'Father's Day'. Prepare a greeting card for your father and present it to him with love.

Q11 Write a paragraph on the topic 'My Father, My Strength'.

Q12 Write a speech on the topic 'Importance of a Healthy Routine and a Healthy Diet'.

Q13 Read any English novel and write a book review.

Q14 Read English newspaper daily. Collect pictures and news related to the epidemic COVID 19 and make a collage.

हिंदी

परियोजनाकार्य (ए / 4 आकारकेपेपरपर)

1) जलबचाओविषयसेसंबंधितकोईपांचस्लोगनलिखो ।

अथवा

जलबचाओविषयपरपोस्टरबनाएं ।

2) अपनेमनपसंदत्योहारसेसंबंधितसुंदरचित्रबनाओ ।

यादकरनेकेलिए

3) संज्ञा, सर्वनाम, क्रिया, विशेषण, वअव्ययकीपरिभाषावभेद ।

अतिरिक्तअभ्यासपुस्तिकापर

4) प्रतिदिनसुलेखलिखो ।

- 5) प्रतिदिनपाँचनएशब्दश्रुतलेखकेलिएयादकरो ।
- 6) कोईपाँचगद्यांशलेकर ,कहानीयालेखकाटकरउनमेंसेसंज्ञा ,सर्वनाम ,विशेषण, क्रियातथामुहावरेछांटिएतथालिखिए ।
- 7) अपनेमित्रकोपत्रलिखकरबताओकिआपनेअपनीगर्मीकीछुट्टियाँकैसेबिताई ।
- 8) प्रतिदिनकेकोईदोसमाचारसुंदरलेखमेंकॉपीमेंलिखो ।

Social Science

- *Case study
- Prepare a case study on Odisha cyclone (2019) FANI, on A4 size sheet in a separate file (Mention it's causes , effects, pictures and the steps taken by the government.
- *Poster making
- Social public services like "Swachh Bharat Abhiyan" paintings or design logo on A4 size sheet. (Roll No 1 to 20)
- Make a poster showing social distancing .(Roll no 21 to onwards)
- *Power point presentation
- Make a PPT on Environment. (Roll no 1 to 20)
- Make a PPT on National political parties. (Roll no 21 to onwards)
- *Collage making
- Collect pictures of the sultanate period and make a collage. (Roll no.1 to 20)
- Make a collage by using rapper of Indian products. (Roll no 21 to onwards)
- *Learn and revise the syllabus of all subjects covered till date.

MATHEMATICS

1. Revise chapter 1,2,3 in practice notebook.
2. Do the given assignment.
3. Learn and write tables 2 to 20.

Chapter – 1 (INTEGERS)

1. **Represent each of the following with appropriate sign:**
 - a) Withdrawal of Rs 2000.
 - b) Height 600 m above the ground level.
 - c) Profit of Rs 500.
 - d) 50 C below 0 C
2. **Write the following integers in descending order.**
 - a) -6, 9, -7, -16, 16, 6, 4
 - b) -22, 1, 11, -15, 0, 8, 3
3. **Write the successor and predecessor of the following integers.**
 - a) -39
 - b) 23
4. **Find the additive inverse of the following.**
 - a) -9
 - b) 10
 - c) -65
5. **Subtract the following integers.**
 - a) -312 from 305
 - b) -66 from -49
 - c) 36 from -19
6. **Multiply the following integers.**
 - a) $(-3) \times (-9) \times (-7) \times (-4)$
 - b) $10 \times (-6) \times (-3) \times (-1)$
 - c) $0 \times (-18)$
7. **Divide the following integers.**

- a) $(-625) \div 25$
- b) $23 \div (-23)$
- c) $(-56) \div (-8)$
- d) $0 \div (-13)$

Chapter 2 (FRACTIONS)

1. Write five equivalent fractions of $\frac{3}{5}$.
2. Arrange the following in descending order.
 - a. $\frac{2}{9}$, $\frac{2}{3}$, $\frac{8}{21}$
 - b. $\frac{1}{5}$, $\frac{3}{7}$, $\frac{7}{10}$
3. Solve:
 - a. $\frac{7}{10} + \frac{2}{5} + \frac{3}{2}$
 - b. $2 - \frac{7}{10} + \frac{3}{7}$
 - c. $8\frac{1}{2} - 5\frac{5}{8}$
4. Multiply and reduce to lowest form and convert into a mixed fraction.
 - a. $3\frac{2}{5} \times \frac{4}{7}$
 - b. $3\frac{4}{7} \times \frac{3}{5}$
 - c. $\frac{3}{2} \times 5\frac{1}{5}$
 - d. $5 \times 6\frac{3}{4}$
5. Find the reciprocal of each of the following fractions. Classify the reciprocals as proper fractions, improper fractions and whole numbers.
 - a. $\frac{3}{7}$
 - b. $\frac{12}{7}$
 - c. $\frac{1}{11}$
 - d. $\frac{6}{5}$
 - e. $\frac{5}{8}$
6. Find
 - a. $3\frac{1}{5} \div 1\frac{2}{3}$
 - b. $2\frac{1}{5} \div 1\frac{1}{5}$
 - c. $3\frac{1}{2} \div \frac{8}{3}$
 - d. $\frac{2}{5} \div 1\frac{1}{2}$

Chapter – 3 (RATIONAL NUMBERS)

1. List five rational numbers between:
 - a. -2 and -1
 - b. $-\frac{4}{5}$ and $-\frac{2}{3}$
 - c. $\frac{1}{3}$ and $\frac{2}{3}$
2. Rewrite the following rational numbers in the standard form.

- a. $-\frac{45}{30}$
- b. $-\frac{36}{24}$
- c. $-\frac{3}{15}$
3. Give four rational numbers equivalent to:
- a. $-\frac{2}{3}$
- b. $\frac{4}{9}$
4. Write following rational numbers in ascending order:
- a. $\frac{2222}{3333}$
- b. $\frac{222}{333}$
5. Find the sum.
- a. $\frac{5}{4} + (-\frac{11}{4})$
- b. $-\frac{2}{3} + \frac{5}{4}$
- c. $-\frac{8}{19} + (-\frac{2}{57})$
- d. $2\frac{2}{3} + 4\frac{3}{5}$
6. Find
- a. $-\frac{3}{8} - \frac{2}{3}$
- b. $\frac{5}{63} + (-\frac{6}{21})$
- c. $-\frac{2}{3} - (-\frac{12}{33})$
7. Find the value of
- a. $\frac{5}{4} \times (-\frac{11}{4})$
- b. $-\frac{2}{3} \times \frac{5}{4}$
- c. $-\frac{8}{19} \times (-\frac{2}{57})$
- d. $2\frac{2}{3} \times 4\frac{3}{5}$
8. Convert the following decimals into rational numbers.
- a. $0.\overline{7}$
- b. $0.\overline{36}$
- c. $0.5\overline{23}$

Science

- To Grow some seeds of any leguminous plant(gram, peas) and observe the root nodules. Also draw the diagram of roots and write the type of nutrition in root nodules.
- Take a piece of bread and moisten it with water. Leave it in a warm place for 2-3 days. Observe the bread piece and note down your observations every day for a week
- To make a table of elements of periodic table from atomic no. 1 to 20 and mention their name and symbol in the table.
- Check the change in colour of turmeric indicator. You can take two pieces of clothes with stain of turmeric and apply lemon or curd on first piece of cloth and soap on 2nd piece of cloth. Now write the observations on a sheet.

Assignment Questions

- Is oxygen a requirement or a product of photosynthesis? Explain.
- How can nutrients of the soil be replenish?

3. Distinguish between a parasite and an insectivore. Give suitable examples.
4. How does a pitcher plant trap insects? Draw a diagram also.
5. Symbiotic relationship can be seen in animals too. Think of any one example where symbiotic nutrition can be seen in animals.
6. What is litmus? What are its types and uses?
7. Which chemicals do we apply on the skin in case of a bee sting? Why?
8. Write any three uses of neutralization reaction.
9. Write the uses of –
 - i) Sodium Chloride
 - ii) Magnesium Sulphate
 - iii) Sodium Carbonate
10. Draw the diagram of stomata (open and close) and write their functions.
11. Name any two synthetic indicators and write the change in their colour in acid and base.
12. Do you know why electricians wear rubber gloves while repairing an electric instrument or switch?
13. Draw an electric circuit diagram using switch, bulb, battery and connecting wires.
14. Draw the diagram of electric bell?
15. Why cannot we use copper wire to make filament of a bulb?
16. Tungsten is used as filament in the electric bulb. Why?
17. Explain sea breeze and land breeze with diagram.
18. Convert the following temperature accordingly-
 - i) $80^{\circ}\text{C} \rightarrow^{\circ}\text{F}$
 - ii) $85^{\circ}\text{F} \rightarrow^{\circ}\text{C}$
 - iii) $-40^{\circ}\text{C} \rightarrow^{\circ}\text{F}$
 - iv) $279\text{K} \rightarrow^{\circ}\text{C}$
 - v) $670\text{K} \rightarrow^{\circ}\text{C}$
 - vi) $45^{\circ}\text{C} \rightarrow^{\circ}\text{K}$
19. Make a concept map on “Types of Thermometers”
20. What do you understand by –
 - i) Conduction
 - ii) Convection
 - iii) Radiation

Computer Science

1. Write any 5 functions of MS Excel and define them.
2. Draw the MS Excel screen interface on drawing sheet with the following things:
 - Formula bar
 - Cell
 - Insert function tool
 - Address bar
 - Sheet tab
3. Make a presentation on “Role of lockdown in Corona Virus Jung” .
Note: Students who do not have computer at their home, they can use WPS office with their mobile phones.
4. Search information on the following topics and write in Notebook(Holiday homework notebook)
 - Queen of Jhansi (Rani Laxmi Bai)
 - Charles Babbage
 - Steve Jobs (Founder of Apple)
 - Sardar Vallabh Bhai Patel
 - Pandvas in Mahabharat