



R.V. NORTHLAND INTERNATIONAL SCHOOL

HOLIDAY HOMEWORK
CLASS- 7th



From Principal's Desk



Dear Students and Parents,

As we embark on the summer vacation, I want to remind you of the Importance of continued learning and growth during this time away from school.

To ensure that our students remain engaged and academically stimulated, we have assigned summer vacation homework for all classes. This homework is designed to reinforce concepts learned throughout the year and to prepare students for the upcoming academic term. I urge all students to approach their summer homework with diligence and responsibility. Completing these assignments will not only enhance your academic skills but also help you start the new school year on the right foot. Parents, your support in encouraging your children to complete their summer homework is invaluable. By working together, we can ensure that our students continue to thrive academically.

Should you have any questions or concerns regarding the summer vacation homework, please do not hesitate to reach out to your child's teachers or the school administration.

Wishing everyone a productive and enjoyable summer break! Warm regards,

Principal
Vandana Sharma
(R.V.N.I.S)

INSTRUCTIONS

Dear Parents,

Greetings from R.V. NORTHLAND INTERNATIONAL School.

We wish you and your child a very happy summer holiday. It's time to enjoy and create a bond with family, friends and relatives. To utilize this time in the most constructive way we have prepared Holiday Homework for the students on the principle of "learning by doing" for his/her holistic development

. Kindly ensure that the holiday homework is completed by the students under the guidance of the parents.

Physical Development

- * Take your child with you for morning/evening walk.
- * Play different games like hide and seek, football, Ludo, chess etc. with your child. This will encourage them to express freely and will make them more responsible.

Language Development

- * Encourage your child to converse in English.
- * Choose any one object from your surroundings every day, let your child speak few lines on it to develop their speaking skills.

We are positive that the combined endeavors' shall bring about the desired all-around development of the child.

NOTE:-

1. The school will remain closed for summer vacation from 22nd of May. The school will reopen on 1st July as per usual timing of the school.
2. Parents are requested to take the printout of these worksheets and help their child to do it. The worksheets are to be submitted to class teachers on 2nd July 2024.
3. In case parents face any problem, they can contact to the class teacher.

Wishing you all a "Happy Summer Season" ahead.

Class teacher : Aadya Jha and Priya Chaudhary

ENGLISH

- 1) Write 10 pages of cursive writing.
- 2) Here's a list of vocabulary words suitable for students to help build their English language skills.
- 3) Enthusiastic, Preseverance, Ambitious, Compassionate, Resilient, Intriguing, Adaptable, Resourceful, Optimistic, Diligent, Curious, Tenacious, Empathetic, Versatile, Exuberant, Ingenious, Pensive, Jubilant, Gregarious, Altruistic
- 4) Look up the definitions of these words. If you are unfamiliar with them then change each word into a sentence.



हिन्दी



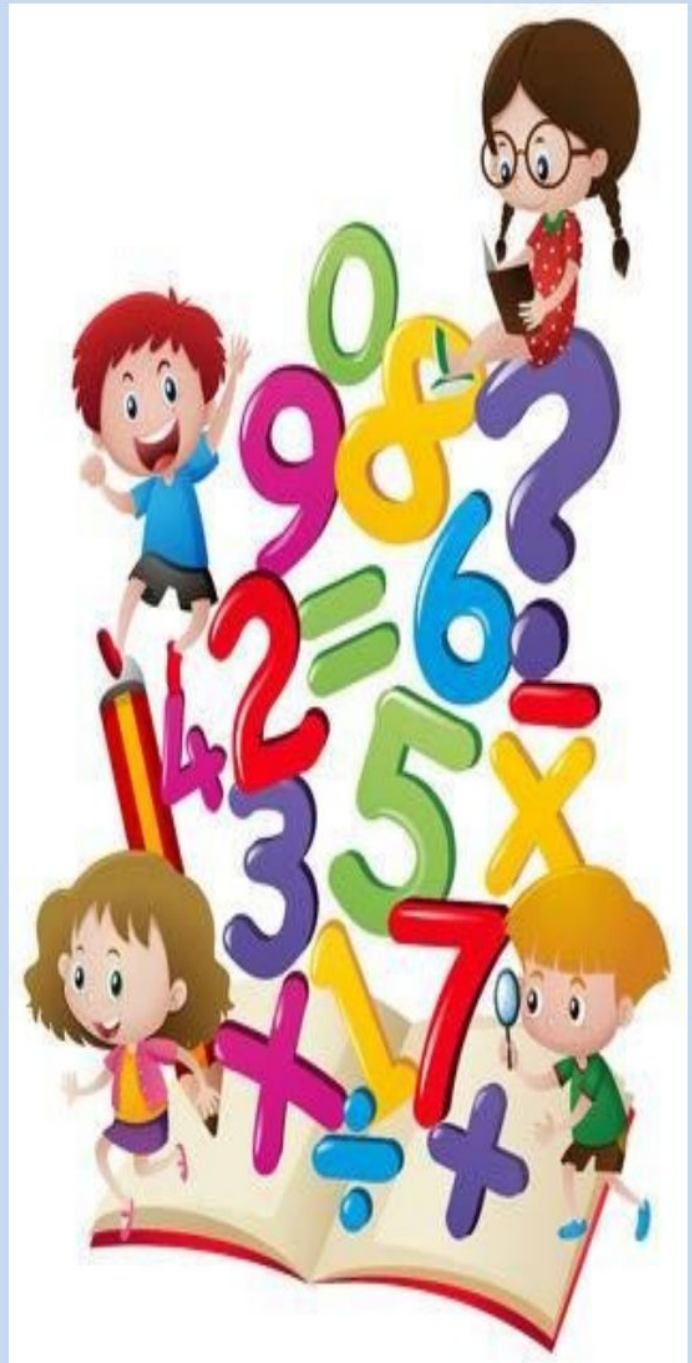
- 1) एक पेज सुलेख रोज़ाना कीजिए।
- 2) आप गरमियों के अवकाश में किस जगह पर घूमने गए वहाँ की बोली का वर्णन अपने शब्दों में कीजिए।
- 3) 16 जून पिता दिवस के अवसर पर अपनी पिता के साथ की कुछ फ़ोटो इकट्ठा कर के उनको A-4 सीट पर लगाओ।
- 5) रोज़ाना समाचार पत्र से दस गहन शब्द चुनकर लिखिए।

MATHS

1. Make reasearch on any INDIAN Mathematician and write Likes about his/her life, and contribution to Mathematics.
2. Watch movies 'Ramanujan' and 'The man who knew Infinity', ' The Beautiful Mind' and write the parts of the movies which you liked the most.
3. Prepare Mind Maps/Concept Maps/Summary of the chapters done in class.
4. Write 20 examples from your daily lives where you see/feel/listen/sense Mathematics.
5. Google "Mathematicians who have won Nobel/ Abel's Medal" and write about any one of them.

All the work should be on A3 sheet with their pictures and make 3D effects to look innovative .

Practice ch. 3, 4 in separate holiday notebook.



COMPUTER



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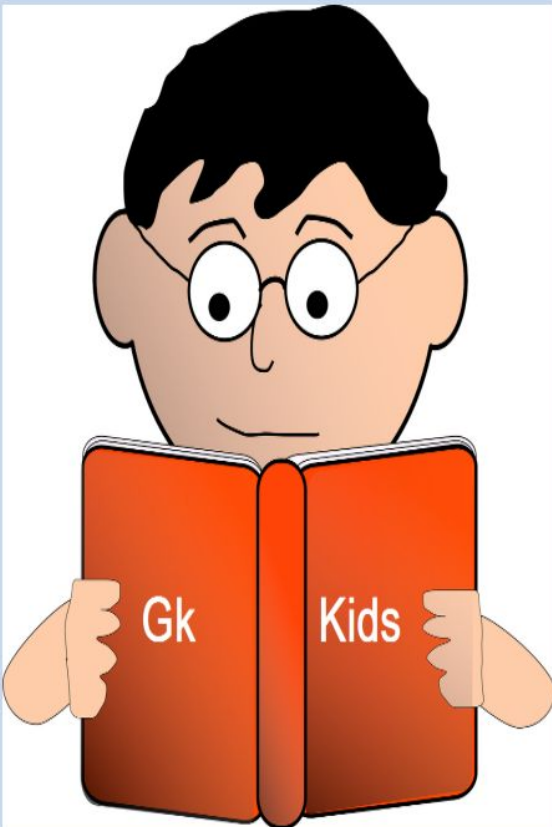
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1) Prepare a model on the following topics according to roll numbers

Cyber crime against individual person(roll no. 1 to 10)

Cyber crime against property(roll no. 11 to 20)

GENERAL KNOWLEDGE



- 1) Write National games of 10 Asian Countries in collage form with pictures.
- 2) Write some points on Statue of Unity and paste pictures also with 3D effects on A3 Sheet.
- 3) Write daily news headlines with date and the name of the newspaper from which it is noted.
- 4) News headlines must include-
 1. One International news
 2. One National news
 3. One Sports news
- 4) Must give some description for each news
5. Prepare a model on aquarium/ water animal life in oceans.
6. Write 30 questions on the currents affairs topics of Politics, foreign countries, games and some by your choices

SOCIAL STUDIES.



1. Write short notes of first chapters in Notebook.

(First-first Chapters of history, geography and civics)

2. Write State and Capital of our country in Notebook And learn it.

3. Make a file of 20 A4 size pages from topics discussed in the class.

SANSKRIT



- 1.1 से 50 तक संस्कृत में गिन्ती लिखें !
2. तीनों वचनों में 10-10 शब्द लिखकर चित्र बनाकर याद करो
3. संस्कृत का महत्व लिखो
4. निम्न आकारान्त (शब्दरूप) लिखो [बालकशब्दरूप !]~
[नदीशब्दरूप]
(पठधातु) ,(चलधातु) तीन लकार में
5. मास और सप्ताह प्रोजेक्ट संस्कृत में
6. कार्य पत्रिका - 3

Science

Basic skills activity

1. Learn all work done book and notebook.
2. Read new lessons(chapter -2and 3) with underlined difficult words with meaning and write down in notebook.At least 15 words each chapter.
3. Make a project file on famous scientist with invention and paste scientist picture in project file.
4. Collect and paste information about science topic from newspaper.All work done in separate notebook.
5. Art skills activity:1.Make a chart/poster on any one topic

Pollution, Different types of motion, Save Water. Creative Activity

- 1.Prepare a model on given topics: Bird Water-feeder with plastics bottles,(roll no 1to 11), Sand Clock, roll no 12 to 25), Nutrition in Plants.roll no- 26 to 35, Garden Visit activity



WORKSHEETS

Maths worksheet

- Find x such that $\frac{-1}{5} = \frac{8}{x}$
(a) -5 (b) -40 (c) any number (d) none of these
- Find x such that $\frac{7}{-3} = \frac{x}{6}$
(a) -14 (b) -3 (c) -21 (d) none of these
- Find x such that $\frac{3}{5} = \frac{x}{-25}$
(a) -5 (b) -15 (c) -15 (d) none of these
- Find x such that $\frac{13}{6} = \frac{-65}{x}$
(a) -30 (b) 30 (c) -6 (d) none of these
- Find x such that $\frac{16}{x} = -4$
(a) 4 (b) -4 (c) 2 (d) none of these
- Find x such that $\frac{-48}{x} = 2$
(a) 24 (b) -12 (c) -24 (d) none of these
- Find x such that $\frac{-3}{8}$ and $\frac{x}{-24}$ are equivalent rational numbers.
(a) 3 (b) 9 (c) 8 (d) none of these
- Find the value of $\frac{9}{2} \times \frac{-4}{3}$
(a) 6 (b) -6 (c) 1 (d) none of these
- Find the value of $\frac{3}{-5} \times \frac{-5}{-3}$
(a) -1 (b) 0 (c) 1 (d) none of these
- Find the value of $\frac{3}{10} \times \frac{-2}{3}$
(a) 5 (b) $\frac{1}{5}$ (c) $\frac{-1}{5}$ (d) none of these
- Find the value of $(-6) \div \frac{2}{3}$
(a) -9 (b) 9 (c) -4 (d) none of these

S.St Worksheet

1. Ready the Case Study and solve the following questions given below:-

Place, people, things and nature that surround any living organism is called environment. It is a combination of natural and human made phenomena. While the natural environment refers to both biotic and abiotic conditions existing on the earth, human environment reveals the activities, creations and interactions among human beings.

1. What is known as environment?
2. Environment is combination of ?
3. Natural environment refers to which two types of conditions?
4. What does human environment reveal?

2. Ready the Case Study and solve the following questions given below:-

Lithosphere is the solid crust or the hard top layer of the earth. It is made up of rocks and minerals and covered by a thin layer of soil. It is an irregular surface with various land forms such as mountains, plateaus, plains, valleys, etc. Landforms are found over the continents and also on the ocean floors. Lithosphere is the domain that provides us forests, grasslands for grazing, land for agriculture and human settlements. It is also a source of mineral wealth.

- 1.) What is Lithosphere?
- 2.) What is lithosphere made of?
- 3.) Where are the land forms found?
- 4.) What does Lithosphere provide us?



WORKSHEET 1

Engage

Name

Subject

Total Marks:

Class Sec. Roll No.

Marks Awarded:

1. NUTRITION IN PLANTS

1. Fill in the blanks.

- (a) Nutrition of living organism is classified into _____ categories.
- (b) Water and nutrients absorbed by the roots of the plant reach to the leaves through _____.
- (c) _____ is a bacterium that lives in the root nodules of leguminous plant.
- (d) _____ is needed by the body for growth, energy to carry out various activities.

2. Match the following.

Column A

Column B

- | | |
|-------------------|---|
| (a) Pitcher plant | (i) Two flap-like structure of leaves having stiff, sticky hairs |
| (b) Rhizobium | (ii) Green pigment in the plant's leaf |
| (c) Chloroplast | (iii) Leaves modified to form a pitcher-like structure with a lid |
| (d) Venus flytrap | (iv) Converts atmospheric nitrogen into nitrogenous compounds |

3. Give two examples of each of the following.

- (a) Parasitic plants _____
- (b) Saprophytic plants _____
- (c) Symbiotic plants _____
- (d) Fungi _____
- (e) Partial parasite _____

4. Answer the following questions.

(a) Define nutrition.

(b) Define photosynthesis.

(c) What is the role of guard cells in a plant's leaves?

(d) What are called kitchen of the plant cell?





WORKSHEET 1

Name Subject
Class Sec. Roll No.

Total Marks:
Marks Awarded:

1. Sentences

1. Read the following groups of words and write whether it is a Sentence or a Phrase

- (a) He hit the ball over the fence. _____
- (b) To the movies _____
- (c) They played football in the evening. _____
- (d) At the mall _____
- (e) Ram and Vinod went to the market. _____
- (f) For my birthday _____

2. Rearrange the following to form sentences.

- (a) my to went mother market buy to vegetables the.

- (b) the quiet were students the during test?

- (c) father for my gift a me bought my birthday on

- (d) pet my dog stranger the at barked.

- (e) my grandfather live may long!

- (f) please me solving help puzzle this in.



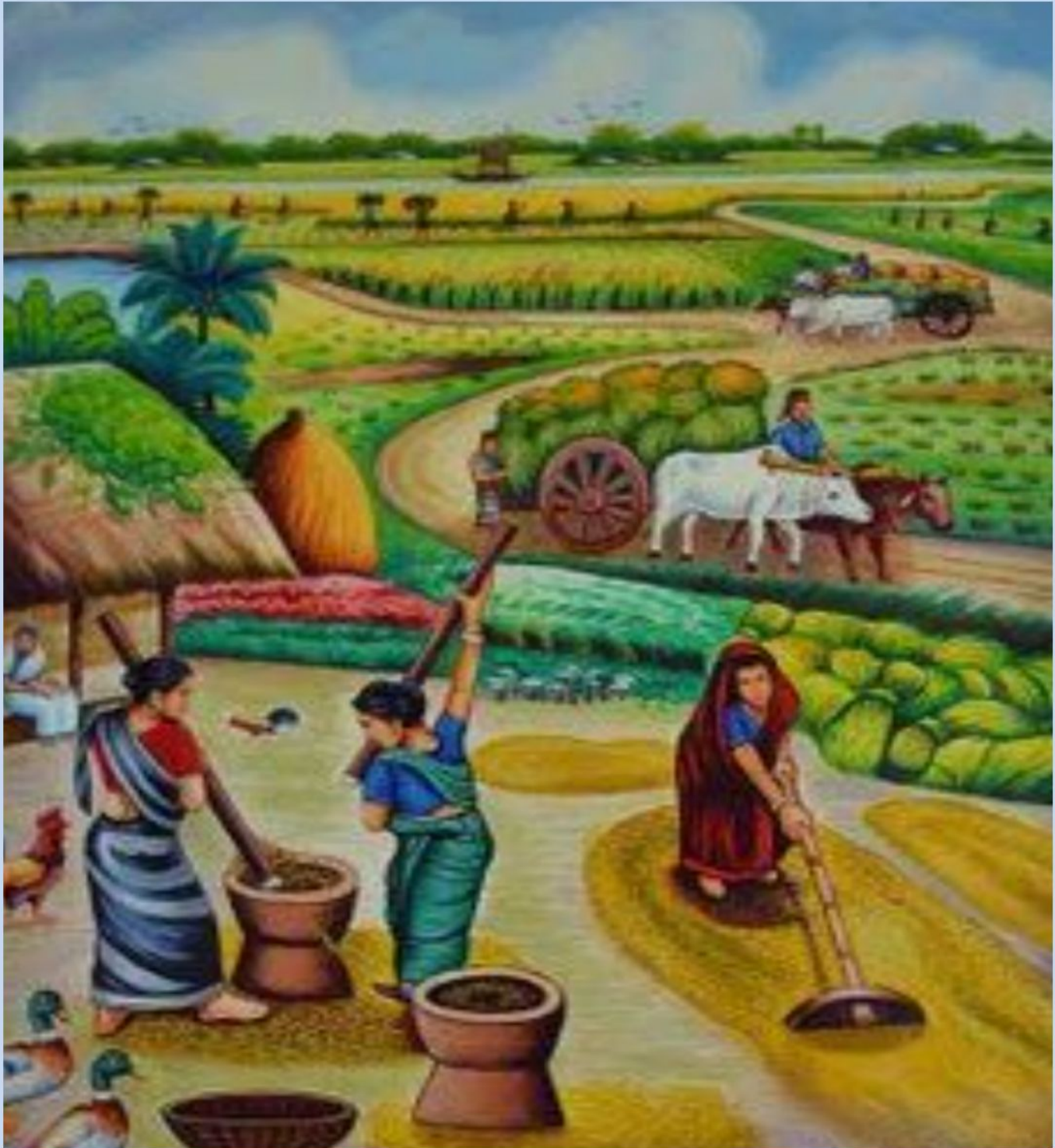
3. Identify and underline the subject in the sentences given below.

- (a) Ronit went to the park to play cricket.
- (b) The students must behave well in the class.
- (c) Have you finished your home assignments?
- (d) Please finish your work on time.
- (e) What a beautiful building it is!
- (f) The animals live in the forest.



English Worksheet

Write a picture composition by observing the above given picture .



COMPUTER SOFTWARE

Choose the correct answer.

1. The information we enter into the computer is stored in form of _____.
i. Input ii. Data iii. File iv. Program
2. _____ Operating System is an example of Graphical User Interface.
i. UNIX ii. DOS iii. LINUX iv. None of these
3. _____ Operating System is an example of Single user OS.
i. DOS ii. Windows iii. UNIX iv. LINUX
4. _____ Operating System allows more than one user to access a single computer system at the same time.
i. Single user ii. Multi user iii. Time sharing iv. Real time
5. _____ is the system of communication.
i. Language ii. Protocol iii. Address iv. Server
6. _____ language is directly understand by the computer.
i. Middle level ii. Assembly iii. High level iv. Machine level
7. _____ language uses certain mnemonic codes for general operations.
i. Low level ii. High level iii. Assembly iv. None of these
8. Translator which translates the complete source program as a whole in machine code is known as _____.
i. Interpreter ii. Compiler iii. Assembler iv. All of these
9. Interpreter is used as a language translator for which language?
i. COBOL ii. FORTRAN iii. JAVA iv. None of these
10. _____ is the translator program for low-level programming language.
i. Compiler ii. Interpreter iii. Assembler iv. None of these

बहुविकल्पीय प्रश्न

- (i) संज्ञा की परिभाषा बताने वाला विकल्प कौन-सा है?
(क) किसी व्यक्ति, वस्तु, स्थान आदि का नाम
(ख) वर्णों का सार्थक मेल
(ग) सामान्य अर्थ न प्रकट कर विशेष अर्थ बताने वाले शब्द
(घ) जिनका कोई सार्थक खंडन हो
- (ii) इनमें से कौन-सा संज्ञा का भेद नहीं है?
(क) व्यक्तिवाचक संज्ञा (ख) भाववाचक संज्ञा (ग) कालवाचक संज्ञा (घ) जातिवाचक संज्ञा
- (iii) 'बुढ़ापा' शब्द है ।
(क) व्यक्तिवाचक संज्ञा (ख) भाववाचक संज्ञा (ग) जातिवाचक संज्ञा (घ) इनमें से कोई नहीं
- (iv) 'यह लड़की हँसती रहती है।' वाक्य में संज्ञा शब्द कौन-सा है?
(क) यह (ख) हँसती (ग) लड़की (घ) रहती है
- (v) व्यक्तिवाचक संज्ञा शब्द इनमें से कौन-सा है?
(क) छात्र (ख) अखबार (ग) बचपन (घ) हिमालय
- (vi) 'लड़का' शब्द से बना भाववाचक संज्ञा कौन-सा शब्द है?
(क) लड़कों ने (ख) लड़के (ग) लड़कपन (घ) हे लड़को!
- (vii) 'अपना' शब्द से बना भाववाचक शब्द कौन-सा है?
(क) अपनाना (ख) अपनाया हुआ (ग) अपने पर (घ) अपनत्व
- (viii) 'धोना' शब्द से बना भाववाचक संज्ञा शब्द इनमें से कौन-सा है?
(क) धोबी (ख) धुलाई (ग) धोया (घ) धोबिन
- (ix) 'सर्व' शब्द से बना भाववाचक संज्ञा शब्द कौन-सा है?
(क) सर्वहारा (ख) सर्वज्ञ (ग) सर्वव्यापी (घ) सर्वस्व
- (x) भाववाचक संज्ञा किन शब्दों से बनती है?
(क) सर्वनाम (ख) क्रिया (ग) विशेषण (घ) उपर्युक्त सभी से