

PRACTICE WORKSHEET-63**SUBJECT – MATHEMATICS****CLASS – IX****CHAPTER-3 & 4****(Coordinate Geometry & Linear Equations In Two Variables)****SESSION - (2020-21)****Instructions to be followed: -**

1: -From now onwards students do your worksheets in your particular subject notebook respectively. Don't use rough sheets, old copies or anything else. All the stationary shops have already opened. So, you can purchase it.

2: - All the students must complete their worksheets as Periodic test marks will be given to those who completes it else you will have to go through pen paper test after the school reopens.

3: - Read each and every topic (which will be given in worksheets) of the chapters from NCERT books.

4: - All the students must purchase NCERT books as it will help you to understand the chapter.

5: - If you have any query related to worksheet, ask your queries in WhatsApp group between 8:00 am to 3:00 pm.

1. Write the axis on which the given point lies.
 - (i) (2, 0)
 - (ii) (0, -5)
 - (iii) (-4, 0)
 - (iv) (0, -1)
2. In which quadrant does the point (-7, -4) lie?
3. If $x > 0$ and $y < 0$, then the point (x, y) lies in
 - (a) quadrant I
 - (b) quadrant II
 - (c) quadrant III
 - (d) quadrant IV
4. A point both of whose coordinates are negative lies in
 - (a) quadrant I
 - (b) quadrant II
 - (c) quadrant III
 - (d) quadrant IV
5. Point (-7, 0) lies
 - (a) on the negative direction of the x-axis
 - (b) on the negative direction of the y-axis
 - (c) in the III quadrant
 - (d) in the IV quadrant
6. Express the equation $3x + 5y = 7.5$ in the form $ax + by + c = 0$ and indicate the values of a, b, c.
7. If $x = 3$ and $y = 4$ is a solution of the equation $5x - 3y = k$, find the value of k.
8. If $x = 3k + 2$ and $y = 2k - 1$ is a solution of the equation $4x - 3y + 1 = 0$, find the value of k.

9. The cost of 5 pencils is equal to the cost of 2 ballpoints. Write a linear equation in two variables to represent this statement. (Take the cost of a pencil to be Rs. x and that of a ballpoint to be Rs. y).
10. Express the following equations in the form $ax + by + c = 0$ and indicate the values of a , b , c .
 $3y - 2x = 6$

For Solutions (Q1 to Q5): <https://www.topperlearning.com/r-s-aggarwal-and-v-aggarwal-solutions/cbse-class-9-mathematics/r-s-aggarwal-and-v-aggarwal-mathematics-ix/coordinate-geometry>

For Solutions (Q6 to Q10): <https://www.topperlearning.com/r-s-aggarwal-and-v-aggarwal-solutions/cbse-class-9-mathematics/r-s-aggarwal-and-v-aggarwal-mathematics-ix/linear-equations-in-two-variables>

HARI VIDYA BHAWAN
SUBJECT- SOCIAL SCIENCE
CLASS – IX
SESSION – 2020 – 21
WORK SHEET - 63

Date –22-01-2021

General Instructions: -

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Chapter 2 Physical Features of India

Very Short Answer:

1. Name the island group of India having the coral origin.
2. Which continents of today were part of the Gondwana land?
3. Which are the major physiographic divisions of India?
4. What is the Theory of Plate Tectonics?
5. Mention any six tectonic plates of the earth's crust.
6. Name the oldest part of the India landmass.

हरि विद्या भवन

विषय - हिंदी

सामान्य निर्देश

- * प्रस्तुत कार्य अपनी हिंदी साहित्य की पुस्तिका में कीजिए। किसी अन्य पुस्तिका में किया गया कार्य स्वीकार नहीं किया जायेगा।
- * सभी विद्यार्थियों को परीक्षा हेतु यह कार्य करना अनिवार्य है।
- * वर्कशीट में दिए गए पाठ और कविता को ध्यानपूर्वक पढ़ें।
- * वर्कशीट से सम्बंधित समस्या पूछने के लिए आप अपने कक्षा ग्रुप पर सुबह 8 बजे से 3 बजे तक मैसेज कर सकते।

हरि विद्या भवन

कक्षा - दसवीं

विषय - हिंदी

वर्कशीट - 63

दिनांक :- 22|1|21

हिंदी व्याकरण

पाठ :- समास

प्र01) सही अथवा गलत का निशान लगाइए।

- समास विग्रह समास बनाने की प्रक्रिया से अलग प्रक्रिया है।
- तत्पुरुष समास का पूर्वपद प्रधान तथा उत्तरपद गौण होता है।
- करण तत्पुरुष का चिह्न 'से' या 'के' द्वारा है।
- बहुव्रीहि समास के दोनों पद 'गौण' होते हैं।

प्र02) विग्रह करते हुए समास का नाम भी लिखिए।

- दाल - चावल
- चौराहा
- आमरण
- तुलसीकृत
- देवदास
- सुनयना
- सीता – गीता

प्र03) दिए गए विग्रहों से समस्तपद बनाइए तथा समास का नाम भी लिखिए।

- पाठ के लिए शाला
- प्रजा का पति
- भूख से मरा
- देश से निकाला
- आनंद में मग्न
- जेब के लिए घड़ी

HARI VIDYA BHAWAN

Worksheet-63

Class-X

Subject-Science

Session-2020-21

(Practice Questions)

Date: 22/01/2021

Instructions to be followed :-

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Short Answer Type Question: -

Q.1 Name the natural source of each of the following acid

- (i) Citric acid. (ii) Oxalic acid.
(iii) Lactic acid. (iv) Tartaric acid.

Q.2 In guinea pigs, black hair (B) is dominant to brown hair (b) and short hair (H) is dominant to long hair (h). A black, long-haired guinea pig (Bbhh) is crossed with a brown, short-haired guinea pig (bbHh). What percentage of the offspring will be black with long hair?

Q.3 What is the function of digestive enzyme?

Q.4 Why does bee sting cause pain and irritation? Rubbing of baking soda on the sting area gives relief.

Q.5 The resistance of a wire of **0.01 cm** radius is **10 Ω** . If the resistivity of the material of the wire is **$50 \times 10^{-8} \Omega\text{m}$** , find the length of the wire.

Q.6 Difference between xylem and phloem?

Q.7 An electric motor takes 5 A from a 220 V line. Determine the power of the motor and the energy consumed in 2 h.

Q.8 State the periodic law on which modern periodic table is based.

Q.9 Explain the mechanism of sex determination in humans.

Q.10 Draw a well labelled diagram of an electric motor .

Note –

- This worksheet is for your self assessment. To solve the above questions read all the notes and NCERT books & try to answer them.
- All the practice worksheets have to be done in same notebook wherever you are writing notes.