

PRACTICE WORKSHEET-67**SUBJECT – MATHEMATICS****CLASS – IX****CHAPTER- 12 and 13****(Heron's Formula and Surface Areas and Volumes)****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.**
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- 1. The base of an isosceles triangle is 6 cm and each of its equal sides is 5 cm. Find the height of the triangle.**
- 2. Each side of an equilateral triangle is 10 cm long. Find the height of the triangle.**
- 3. The height of an equilateral triangle is 6 cm. Find its area.**
- 4. The lengths of the three sides of a triangle are 30 cm, 24 cm and 18 cm respectively. Find the length of the altitude of the triangle corresponding to the smallest side.**
- 5. Three cubes of metal with edges 3 cm, 4 cm and 5 cm respectively are melted to form a single cube. Find the lateral surface area of the new cube.**
- 6. Two cubes have their volumes in the ratio 1:27. Find the ratio of their surface area.**
- 7. The diameter of a cylinder is 28 cm and its height is 20 cm, then find its curved surface area.**
- 8. The radii of two cylinders are in the ratio 2:3 and their heights are in the ratio 5:3. Find the ratio of their surface area.**

For Solutions (Q1 to Q4): <https://www.topperlearning.com/r-s-aggarwal-and-v-aggarwal-solutions/cbse-class-9-mathematics/r-s-aggarwal-and-v-aggarwal-mathematics-ix/areas-of-triangles-and-quadrilaterals>

For Solutions (Q5 to Q8): <https://www.topperlearning.com/r-s-aggarwal-and-v-aggarwal-solutions/cbse-class-9-mathematics/r-s-aggarwal-and-v-aggarwal-mathematics-ix/volume-and-surface-area-of-solids>

HARI VIDYA BHAWAN
SUBJECT- SOCIAL SCIENCE
CLASS – IX
SESSION – 2020 – 21
WORK SHEET - 67

Date –09-02-2021

General Instructions: -

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Chapter 4 Climate

Short Answer Questions:

1. Distinguish between the weather and climate. Three points
2. Write short notes on 'Loo' and 'Dust Storms'.
3. What causes rainfall during winters in north-western part of India?
4. Distinguish between the South-west monsoon and North-east monsoon?

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 - 67

दिनांक :- 9/2/21

पुस्तक :- स्पर्श

पाठ :- तताँरा वामीरो

लेखक :- लीलाधर मंडलोई

प्रस्तुत प्रश्नो के उत्तर दीजिए

- प्र01) तताँरा वामीरो की कथा कहाँ की है ?
- प्र02) वामीरो अपना गाना क्यों भूल गई ?
- प्र03) तताँरा ने वामीरो से क्या याचना की ?
- प्र04) तताँरा वामीरो की गांव की क्या रीती थी ?
- प्र05) क्रोध में तताँरा ने क्या किया ?

- प्र06) निकोबार द्वीपसमूह के विभक्त होने के बारे में निकोबारियों का क्या विश्वास था ?
- प्र07) वामीरो से मिलने के बाद तताँरा के जीवन में क्या परिवर्तन आया ?
- प्र08) निकोबार के लोग तताँरा को क्यों पसंद करते थे ?

HARI VIDYA BHAWAN

Worksheet-67

Class-X

Subject-Science

Session-2020-21

(Practice Questions)

Date: 09/02/2021

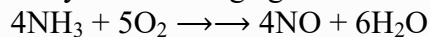
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Short Answer Type Questions:

Q.1 What is aqua-regia?

Q.2 Identify the reducing agent in the reaction:



Q.3 How does the electronegativity of elements relate to their metallic or non-metallic character?

Q.4 What is dispersion? What happens when light is passed through a glass prism?

Q.5 Draw the magnetic field lines around a straight current carrying conductor.

Q.6 (a) Which property of carbon leads to formation of large number of compounds? Define it.

(b) What is the functional group in the following molecules?

(i) $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$

(ii) CH_3COOH

Q.7 With the help of a chemical equation, explain how a soda-acid fire extinguisher helps in putting out a fire.

Q.8 How is the wall of small intestine adapted for performing the function of absorption of food?

Q. 9 Distinguish between acquired and inherited characters with an example of each.

Q.10 A silver article generally turns black when kept in the open for a few days. The article when rubbed with toothpaste again starts shining. Why do silver articles turn black when kept in the open for a few days? Name the phenomenon involved.

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.