

# DELHI PUBLIC SCHOOL BALCO

Dear Parents

As school is closed on account of unfortunate global pandemic, we at DPS BALCO have decided to engage students in meaningful learning activities. We all are working from home and preparing assignments and worksheets besides study material.

We expect you to supervise your ward in completing these tasks. You may ask them to use any unused notebook for this purpose.

In days to come we will upgrade this process. You will be informed through SMS about these.

**YOU MAY ASK YOUR WARD TO USE ANY AVAILABLE NOTEBOOKS INCLUDING OLD OR UNUSED OR HALF USED NOTEBOOKS.**

Sd/-  
**Kailash Pawar**  
**Principal**

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## SUBJECT - ENGLISH

CLASS – VII

TIME- 30 Mins

**General Guidelines: Hope you all are fit and fine. This will be the second worksheet in the series for this year. It too will have three segments Reading , Writing and Grammar. Let's begin.**

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**1. Read the short story and answer the given questions:**

A milk maid was carrying a pail of milk on her head and was going to the market to sell it. As she went along she fell into day dreaming. She thought that she would buy eggs with the money she got by selling milk. After the eggs were hatched, she would have a large number of chickens. They would fetch her high price. She would then buy fine silk dress for herself and look more beautiful. Princes would come to marry her, but she would toss her head and refuse them. While thinking so, she did really toss her head in false pride. Down fell the pail on the ground. The whole milk was split and all her plans came to naught.

**Moral:** Count not your chickens before they are hatched.

**Question:**

1. A milk maid was carrying a pail of \_\_\_\_ on her \_\_\_\_  
(a) Milk, head (b) head, milk (c) None of these
2. \_\_\_\_\_ was going to the market to \_\_\_\_\_ it.  
(a) Milkman, sell (b) Milk, buy (c) Milkmaid, sell
3. What would fetch her high price  
(a) Eggs (b) Milk (c) Chicken

4. Which quality of the milk maid cost her the milk  
(a) pride (b) impatience (c) talking too much
5. Moral of the story is \_\_\_\_\_

**2. An email is just like a letter you send via internet. It has a set format which is included as below. Body of the email must contain complete sentences. Each topic should be told or asked in a new paragraph. Preferably you must not use short forms such as coz for 'because' or n for 'and' etc. Using the given format write an informal email to your friend citing all the positives of the imposed twenty one days lockdown due to the scare of Covid-19. You can use the given points. (150-200 words)**

- The nature is healing; birds are seen chirping, swans and dolphins are back, less air, water and noise pollution.
- Ample time for family, self discipline, self improvement through regular exercise, maintaining good hygiene, eating healthy food, etc.
- Back to basic: we are able to spend quality time with family, have time for daily prayers, we have lesser demands and more compassion.
- Crime rate has decreased; we are valuing the Swachhata Abhiyaan and respecting the strict policing of our streets.
- We now know the value of our doctors, nurses, health care workers, electric and water supply workers, police and safai karmacharis.

USE THIS FORMAT:

<b>From:</b> Sender's email id
<b>To:</b> Recipient's email id
<b>Cc:</b> Other individuals receiving the same mail with visible ids
<b>Bcc:</b> Other individuals receiving the same mail with invisible ids
<b>Subject:</b> Title or the reason of writing mail
<b>Salutation:</b> Words like Dear, Respected, Hi etc.
<b>Main body:</b> the main content of the email
<ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Matter in detail</li> <li>3. Conclusion</li> </ol>
<b>Closing:</b> Ending Statement
<b>Attachments:</b> Attached Files with emails
<b>Signature Line:</b> Sender's name, signature, and other details of contact

**UNDERSTANDING GRAMMAR:** As per the Class- VII syllabus, let's move on with pronouns. We already know that Pronouns are words that can replace Nouns. Now let's talk about its types.

**There are several different kinds of pronouns, including:**

- Personal **pronouns** (e.g., he, they, him, me). Used in subject or object position.
- Demonstrative **pronouns** (e.g., this, these). Used to demonstrate something/ someone.
- Interrogative **pronouns** (e.g., which, who). Begins with question words.
- Indefinite **pronouns** (e.g., none, several). Used for non-specific items, people, etc.
- Possessive **pronouns** (e.g., his, your). Used to show ownership.
- Reciprocal **pronouns** (e.g., each other, one another). Shows reciprocation or dependence.
- Reflexive **Pronouns** (e.g., himself, herself etc). Refers to another noun in a sentence.
- Intensive **Pronouns** ( similar to Reflexive Pronouns like ourselves, itself, etc.) Used to add emphasis to a subject.

**3. Underline the pronouns and state their types:**

- a) I and my sister went to the party that night.
- b) Shina does all her school projects meticulously.

- c) I must complete my work myself.
- d) This bag is huge.
- e) None of my friends is an engineer.
- f) We can trust in ourselves.
- g) He himself paid his electric bill.
- h) To whom did you give the book?
- i) We must help each other.

**4. Arrange the jumbled words meaningfully into sentences:**

- a) Timely/she/her/completed/has/work
- b) The/who/drawn/all/pictures/wall/on/those/have
- c) out /she /through/ is/ the /watching/ day/television.
- d) upon /she / this/ bench /sits/ regularly.
- e) by /task/ to /was/ he/ taken/ his/ his/ for/boss/ negligence

**5. Rewrite the given sentences after correcting the errors:**

- a) They are looking at him childhood pictures.
- b) These are better than that.
- c) Meera does all her work himself.
- d) Where do your live?
- e) Its a beautiful day.

Whoe is your best friend?

हिंदी  
अभ्यास पत्र-02

Date: 02.04.20

www.navneel.com

Page: 1/3

Topic: Worksheet-2 पृष्ठ 6,7,8

\* निम्नलिखित वर्णों का संयोग कर शब्द बनाइस।

न + इ + र् + भ् + अ + र् + अ =

अ + त् + य् + अ + थ् + इ + क् + अ =

व् + इ + श् + व् + आ + स् + अ =

म् + आ + र् + + म् + इ + क् + अ =

ग् + ऋ + ह् + अ + स् + थ् + अ =

\* उच्चारण स्थान के आधार पर वर्ण लिखिस।

कण्ठ्य -

तालव्य -

मूर्धन्य -

दन्त्य -

ओष्ठ्य -

\* निम्न लिखित शब्दों के तीन-तीन पर्यायवाची लिखि

सोना -

हवा -

शेवक -

गर्व -

चतुर -

शरीर -

अंग -

हाथ -

\* निम्नलिखित शब्दों के विलोम शब्द लिखिए।

उत्साह -

अनाथ -

अवनति -

आकर्षक -

आदर -

असिद्धाष्टि -

उपयुक्त -

अयोग्य -

दुर्गम -

सुलभ -

\* निम्नलिखित शब्दों के अर्थ के अनुसार वाक्य बनाइए।

सूची -

शुचि -

पका -

पक्का -

पानी -

पाणि -

पवन -

पावन -

\* निम्नलिखित अनेक शब्दों के लिए एक शब्द लिखिए।

जिसके नीचे रेखा खिंची हो -  
जिसका कोई शत्रु न हो -  
अंडे से जन्म लेने वाला -  
जो आँखों के सामने न हो -  
जो कानून के विरुद्ध हो -

\* निम्नलिखित शब्दों के लिए उचित वाक्यांश लिखिए।

जिज्ञासु -  
अक्षम्य -  
शाश्वत -  
पारदर्शी -  
मीनाक्षी -

\* निम्नलिखित शब्दों से दो-दो ऐसे वाक्य बनाइए  
जिनसे अलग-अलग अर्थ प्रकट हों।  
अंबर -

शून्य -

उपचार -



## मम, भवतः, भवत्याः

आचार्यः - सर्वेभ्यः स्वागतम् । नमस्काराः ।

मम नाम अरुणः । भवतः नाम किम् ?

गणेशः - मम नाम गणेशः ।

आचार्यः - भवत्याः नाम किम् ?

गीता - मम नाम गीता ।

आचार्यः - मम नाम किम् ?

छात्राः - भवतः नाम अरुणः ।

आचार्यः - मम पुस्तकम् । मम शाला । मम मुखम् । मम पादः । एवं सर्वे वदन्तु । शाला, गृहम्, लेखनी, हस्तः, चित्रम्, वृक्षः, मित्रम् ।

छात्राः - मम शाला । मम गृहम् । मम लेखनी । मम हस्तः । मम चित्रम् । मम वृक्षः । मम चित्रम् ।

आचार्यः - भवतः पुस्तकम् । भवतः शाला ... इत्येवं क्रमेण वदन्तु ।

छात्राः - भवतः शाला । भवतः गृहम् । भवतः लेखनी...

आचार्यः - भवत्याः पुस्तकम् । भवत्याः शाला ... इत्येवं क्रमेण वदन्तु ।

छात्राः - भवत्याः शाला । भवत्याः गृहम् । भवत्याः लेखनी... ।

### विशेषः

- ◆ भवतः - पुलिङ्गे । भवत्याः - स्त्रीलिङ्गे ।
- ◆ 'तव नाम किम् ?' इति प्रश्नः अपि कर्तुं शक्यते । किन्तु अग्रे क्रियापदप्रयोग-स्तरे क्लेशः भवति । अतः प्राथमिकस्तरे 'तव' इति प्रयोगः मास्तु । 'भवतः' 'भवत्याः' इत्येव प्रयोगः भवतु ।
- ◆ 'नाम' इत्यत्र विसर्गः (:) नास्ति । अनुस्वारः (ं) अपि नास्ति । 'नाम' इत्यस्य स्थाने केचन 'नामधेयम्' इत्यस्य अपि उपयोगं कुर्वन्ति ।

**अभ्यासः - १**

नामानुगुणं प्रश्नं पृच्छत ।

उदा - १. **नारायणः** - भवतः नाम किम् ?

२. **श्रीशः** - ..... ?

३. **ललिता** - ..... ?

४. **नलिनी** - ..... ?

५. **दिवाकरः** - ..... ?

६. **पद्मा** - ..... ?

७. **तपनः** - ..... ?

**अभ्यासः - २**

उत्तरवाक्यं दृष्ट्वा रिक्तस्थानानि यथोचितं पूरयत ।

**भवतः, भवत्याः, मम, नाम, किम्**

I. मम नाम अरुणः । ..... नाम किम् ?

II. .... नाम दिनेशः ।

III. .... नाम ..... ?

IV. मम ..... गिरिजा ।

V. .... नाम किम् ?

VI. .... नाम अरुणः ।

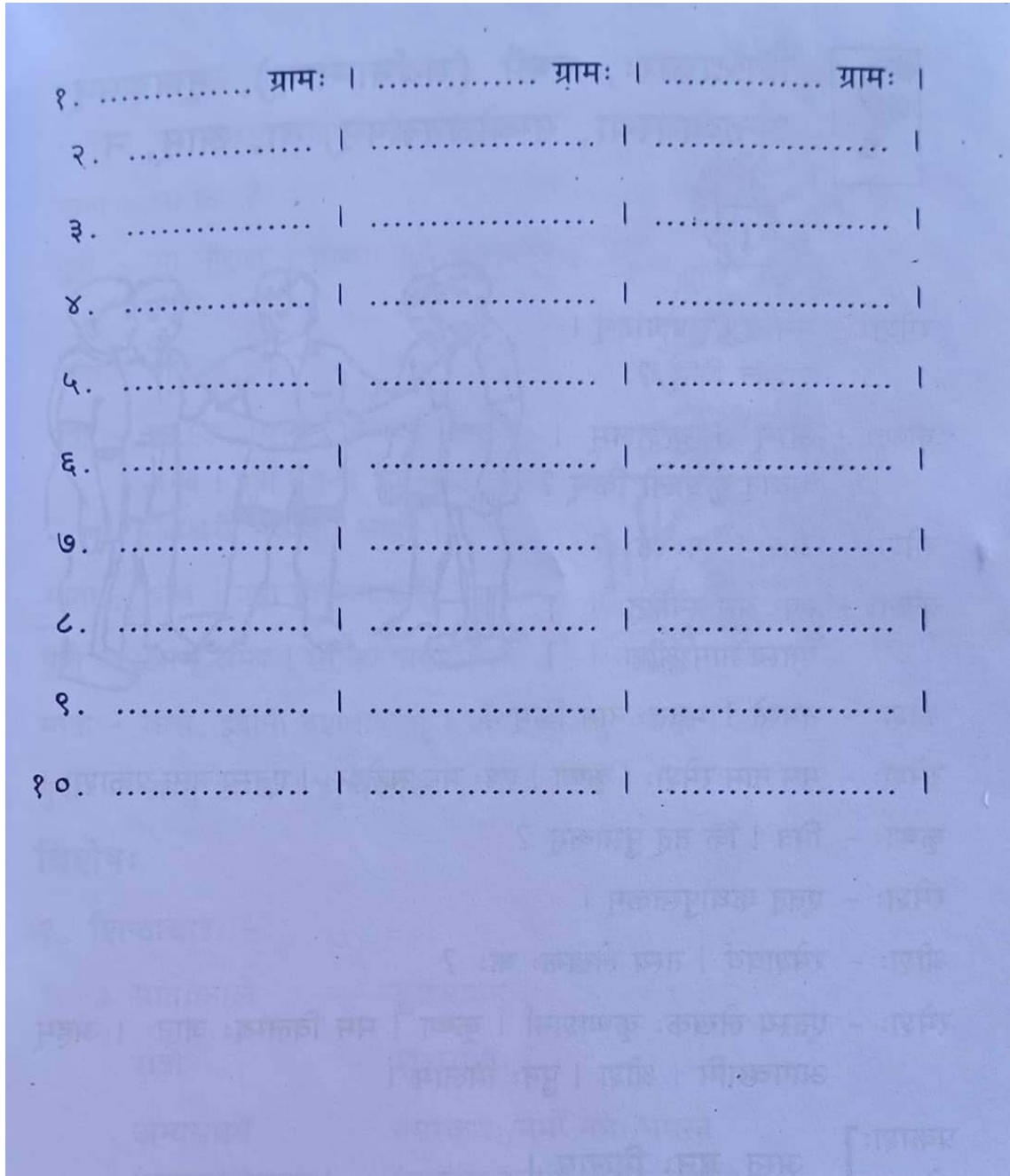
**अभ्यासः - ३**

**मम गृहम् । भवतः गृहम् । भवत्याः गृहम् ।**

एतेन क्रमेण अधः सूचितानां शब्दानाम् उपयोगं कृत्वा वाक्यानि रचयत ।

ग्रामः, देशः, राज्यम्, कुञ्चिका (Key), स्यूतः (Bag), कथा, पत्रिका,  
धनम्, आसन्दः (Chair), भगिनी ।





**SUBJECT: MATHEMATICS**

**Instructions:**

Revise the chapters named **EXPONENTS AND POWERS, CONGRUENCE OF TRIANGLES** from your class 7 text book, practice the solved examples if you need before solving the following:

**1. Find the value of the following:**

- a)  $8^2$    b)  $2^6$    c)  $5^4$    d)  $(-4)^3$    e)  $(-5)^4$

**2. Express each of the following numbers as a product of powers of their prime factors.**

a) 36 \_\_\_\_\_

b) 128 \_\_\_\_\_

c) 625 \_\_\_\_\_

d) 343 \_\_\_\_\_

e) 729 \_\_\_\_\_

**3. Simplify and express each of the following in exponential form using laws of exponents.**

a)  $2^2 \times 2^4 \times 2^5$  \_\_\_\_\_

b)  $7^{12} \div 7^4$  \_\_\_\_\_

c)  $(4^2)^3$  \_\_\_\_\_

d)  $2^3 \times 5^3$  \_\_\_\_\_

e)  $a^4 \times a^7$  \_\_\_\_\_

**4. Say true or false and justify your answer.**

a)  $4^0 = 0$  \_\_\_\_\_

b)  $5^2 > 2^5$  \_\_\_\_\_

c)  $9^3 \times 9^6 = 9^9$  \_\_\_\_\_

d)  $2^4 \times 2^5 = 2^{20}$  \_\_\_\_\_

e)  $(a^x)^y = a^{xy}$  \_\_\_\_\_

**5. Fill in the blanks.**

a)  $4 \times 4 \times 4 \times 4 \times 4$  in exponential form with base 2 is \_\_\_\_\_.

b)  $9 \times 9 \times 9$  in exponential form with base 3 is \_\_\_\_\_.

c)  $25 \times 25$  in exponential form with base 5 is \_\_\_\_\_.

d)  $64 \times 64$  in exponential form with base 4 is \_\_\_\_\_.

e)  $27 \times 27$  in exponential form with base 3 is \_\_\_\_\_

6. Simplify and write the answer in exponential form.

a)  $(4^2)^3 \div 4^4$

b)  $5^{10} \times 5^4 \times 5^{18}$

c)  $y^{25} \times y^{50}$

d)  $15^{20} \div 15^5$

e)  $(5^5 \div 5^3) \times 5^2$

f)  $10^0 \times 6^0$

g)  $7^{18} \times 7^6$

### CONGRUENCE OF TRIANGLES

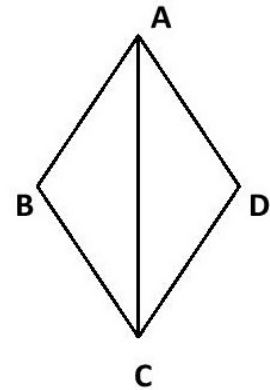
1. If  $\Delta ABC \cong \Delta DEF$ ,  $\angle A = 100^\circ$  and  $\angle B = 45^\circ$  then  $\angle F =$  \_\_\_\_\_

2. ABCD is a rhombus. AC is a diagonal

i) Show three pairs of equal parts giving reasons, in  $\Delta ABC$  and  $\Delta ADC$ .

ii) Is  $\Delta ABC \cong \Delta ADC$ ? Give reason.

iii) Is  $\angle BAC = \angle DAC$ ? Give reason.



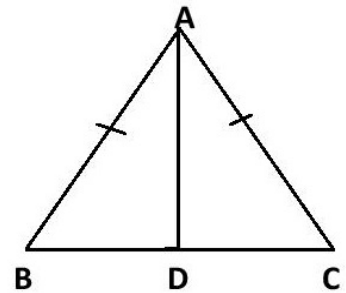
3. ABC is an isosceles triangle with  $AB = BC$  and  $AD \perp BC$ .

In  $\Delta ABD$  and  $\Delta ACD$

i) Show three pairs of equal parts giving reasons.

ii) Is  $\Delta ADB \cong \Delta ADC$ ? Give reason.

iii) Is  $\angle BAD = \angle CAD$ ? Give reason.

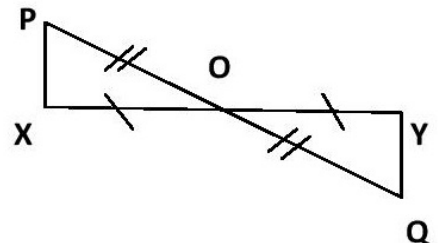


4. In the figure PQ and XY bisect each other at O.

i) Show three pairs of equal parts in  $\Delta POX$  and  $\Delta QOY$

ii) Is  $\Delta POX \cong \Delta QOY$ ? Give reasons

iii) Is  $\angle X = \angle Y$ ? Give reasons



## **Subject: Science**

Q1. Name the elements represented by the following symbols:

(i) H (ii) B (iii) F (iv) S (v) P (vi) C (vii) I (viii) K (ix) He (x) Ne

(xi) Ni (xii) Mg (xiii) Mn (xiv) Al (xv) Ca (xvi) Cl (xvii) Zn (xviii) Na (xix) Fe (xx) Cu

(xxi) Hg (xxii) Pb (xxiii) Sn (xxiv) Au (xxv) Ag.

Q2. Define the terms:

(a) Balanced equation (b) Reactants (c) Products (d) Valency (e) Indicators

Q3. What is an antacid?

Q4. Give reason for the followings:

(a) Ventilators and exhaust fans are usually near the ceiling of a room.

(b) Solar cooker are painted black inside.

Q5. What is the time period of a pendulum?

Q6. Draw the circuit diagram of a torch which works on three cells.

Q7. What is a fuse? How does it work?

Q8. Explain with the help of a diagram the construction and working of an electric bell.

Q9. Draw and explain the urinary system of human being.

Q10. What are gametes? Write the importance of pollination.

## SOCIAL SCIENCE

### OUR GOVERNMENT

Open the link to see the video -

<https://www.youtube.com/watch?v=je7ZEvO2l7Y&feature=share>

On the basis of this video answer the following.

**Q1. Answer the following in one or two sentences.**

- What is a government?
- What is the constitution?
- Name the organs of the government?
- Define democracy.
- Who is a dictator?

**Q2. Answer the following in 40-50 words.**

- What are the functions of a government?
- What are the functions of legislature, executive and judiciary?

**Q3. Think and answer.**

How do you distinguish between parliamentary and presidential forms of government?