

THE BLIND RELIEF ASSOCIATION NAGPUR'S  
**MUNDLE ENGLISH MEDIUM SCHOOL**  
**HOLIDAY HOMEWORK**

**STD. IX**

**Note:**

Dear Parents and students, please take a note that along with the introductions to the four languages, we are sending the holiday homework as well. It is a concept based homework related to your syllabus which will help you for revision.

It can be done along with your 10std classes.

**ENGLISH**

**Q1 Name the parts of speech of the words in brackets.**

- a) The courts were almost (deserted).
- b) People had behaved (righteously).
- c) He went to (every) corner of the city.
- d) The king requested his (ministers) to show his faults.
- e) Make way, (O Charioteer!)

**Q2: Form nouns from the following words using suffixes:**

- 1) educate    2) attend    3) administer    4) proclaim    5) judge

**Q3: Form verbs from the following:**

- 1) noticeable    2) assurance    3) conversation    4) decision    5) statement

**Q4: Add a suitable present or past participle to the following: Choose from the answers given in brackets.**

**(blooming, waiting, sparkling, passing, burning, known, broken, shining, publishing)**

- a) ..... story
- b) .....heart
- c) .....star
- d) .....house
- e) .....flower
- f) .....people
- g) .....sight
- h) .....time
- i) ..... house

**Q5: Underline the participles and the gerunds in the following sentences:**

- a) The girls are busy practicing for the stage show.
- b) Jumping over the boundary wall the thief ran away.
- c) Climbing a steep mountain is an exciting experience.
- d) Collecting stamps is her hobby.

**Q6: Rewrite the given sentence into 12 Tenses.**

Underline the verbs and write the tense in bracket for all tenses.

# Shaina played tennis every day.

**Q7: Rewrite the sentences by changing the tense of the verbs as directed.**

- a) You may be hearing about the legendary tales of our heroes. (Present Perfect)
- b) The underwater volcano is throwing up ash and rock. (Simple Past)
- c) I did not travel by plane before. (Past Perfect)
- d) The committee identified the thieves. (Simple Future)

**Q8: Fill in the blanks with appropriate modal auxiliary given in the brackets and state its function. (may, ought to, must, should, can, might)**

- a) An owl..... see in the dark.
- b) The keys.....be with the office assistant.
- c) You..... try to reduce your weight.
- d) You..... take care of your old parents.
- e) I am getting late, I.....take a cab.
- f) .....God bless you with peace and contentment.

**Q9: Identify the type of sentences:**

- 1) What a monument!
- 2) let me put it this way.
- 3) When did the lights flicker?
- 4) I have just finished making a cup of coffee.

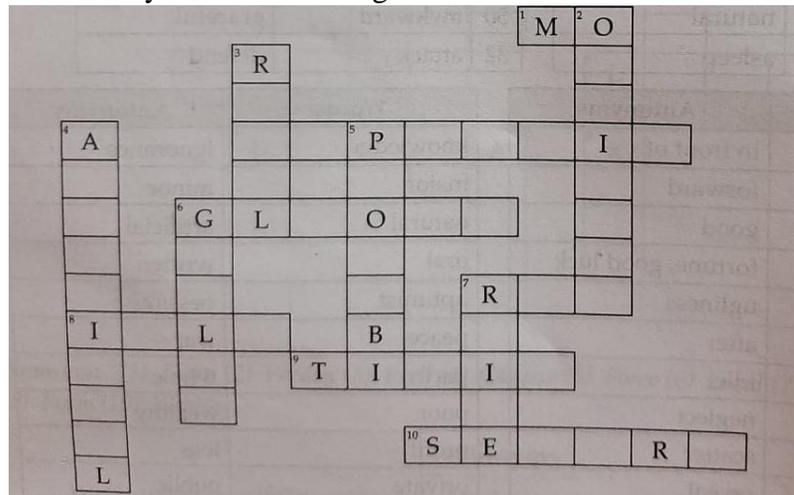
**Q10: Do as directed:**

- 1) Rahul planned a fantastic tour. (Make it exclamatory)
- 2) He never came late. (Make it Interrogative)
- 3) Add a question tag:
  - a) We saw an army of ants lugging a fly.
  - b) Let's go for a movie.
  - c) Neither of them complained.
  - d) Everyone has a mobile nowadays.
- 4) He made me realize that success is like genius. (Frame a Wh-question to get the underlined words as an answer.)
- 5) Name and identify the clause for the following sentences.
  - a) He always carried his lucky pen wherever went.
  - b) She got wet while she was out.
  - c) It is true that he is a great orator.
  - d) There are no buses, so we will have to walk.
  - e) We have decided that we will bring our food to your place.
- 6) Punctuate the following:
  - a) the king said why do you wish to prolong your suffering

- b) what a beauty
  - c) if you cant laugh smile
  - d) are you free now he asked
- 7) She is too weak to walk. (Rewrite using “so...that”)
- 8) As soon as I reached the station, the train left. (Rewrite using “no sooner...than”)
- 9) They are similar in face and figure, food and clothing. (Rewrite using “not only...but also”)
- 10) The manager and his sub-ordinates could not give a satisfactory explanation. (Rewrite using “neither...nor”)
- 11) Change the narration of the following sentences.
- a) “I’m completing my project,” Ravi said to me.
  - b) Ramya told me that she had painted a picture.
  - c) She said to him, “I trusted you.”
  - d) Aristotle said, “Man is a social animal.”
- 12) Change the voice.
- a) A rainbow colours the entire sky.
  - b) I am watching grandpa.
  - c) I had located the right shop.
  - d) Parking was prohibited.
- 13) Pick out Collocations in the following sentences.
- a) I think global understanding has changed.
  - b) January is a peak travelling season.
  - c) I think I can handle it.
- 14) Make sentences of your own.
- a) Preserve culture.
  - b) For your sake.
  - c) Hardships endure.
  - d) Warm weather.
- 15) Write two sentences of your own to bring out the differences in meanings for the following homographs. (Think of 4 more homographs and list them below. Write 2 sentences to bring out the differences in the meanings.)
- a) Fine      b) Rest
- 16) Form smaller words from the given word. (Four or more than four letter word)
- a) inhabitants
- 17) Prepare a word register for
- a) ‘Season Autumn’
  - b) ‘Education’
- 18) No other boy in the class is as smart as Nirjaksh. (Change into other 2 degrees)
- 19) He tried his best but he didn` t succeed. (Begin the sentence with ‘Though’)

20) Solve the given puzzle by filling in the antonyms of the words given below.

Across	Down
1. admire	2. pessimist
5. private	3. attract
6. cheerful	4. natural
8. busy	5. permit
9. bold	6. innocent
10. mild	7. lower



## Writing Skills

### 1) Letter Writing:

- Your father requires your Bonafide certificate for his official purpose. Write a letter to your Principal requesting her to issue a Bonafide certificate for the same.
- Your brother who lives in Mysore has fallen prey to procrastination. Write a letter making him realise the need to respect time and complete tasks in their stipulated time. You may use the following value points:
  - Ills of procrastination.
  - Importance of time management
  - Time and tide wait for none.
  - Add your points.

### 2) Information Transfer:

- Verbal to Non-verbal.

Here are some tips for hair-care. Write them in the form of dos and don'ts.

We must take proper care of our hair. Healthy hair looks beautiful and makes us look good. It is important to keep our hair clean by washing it regularly with soap or shampoo. At the same time, washing our hair too often can spoil our hair, it can make it dry and brittle. To have healthy hair, we must eat a balanced diet, which provides nourishment to our hair and skin. We should eat lots of green leafy vegetables, fresh fruits and cereals. Consumption of amla juice, ashgourd juice, pumpkin and coconut water enhances hair growth. We should avoid hard chemicals and dyes. We should also avoid the intake of maida (fine flour) and deep dried dishes, sweets made of white sugar, soft drinks, tea and coffee. We should not expose our hair to the sun during the hottest time of the day. We should cover it up and wear a hat instead. If we follow a healthy regime of yoga and breathing exercises, we can enjoy healthy hair for a long time as it slows down the process of greying and aging.

b) Non-verbal to Verbal.

The table given below gives the information about the awards that the students have received. Write a short paragraph using the information:

	Name	Abhiman	Sanjana
(1)	Age	18 years	15 years
(2)	School	Higher secondary	Secondary school
(3)	Award	Bravery award	Bal puraskar
(4)	Date	26th Jan 2013	26th Jan 2013
(5)	At the hands of	collector	Tahasildar
(6)	Place	District	Tahasil

### 3) Report Writing.

- Write a newspaper report on the science exhibition that was held in your school.
- Write a report on the Van Mahotsav celebrations that took place in your school.

### 4) Expansion of Idea.

- As you sow, so shall you reap.
- Prevention is better than cure.

### 5) Story Writing.

After three years of staying together, you find out that your pet dog can actually speak and understand the 'human language'. Write a story revolving around that experience.

## मराठी

प्र. 1 खालील निबंध प्रकारानुसार प्रत्येकी 2 निबंध लिहा : (एकूण 6)

1) प्रसंग / अनुभव लेखन उदा. अकस्मात पडलेला पाऊस	2) आत्मकथन उदा. मी क्रीडांगण बोलतोय	3) कल्पनाप्रधान उदा. भ्रमणध्वनी नसते तर ....!
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प्र. 2 पत्रलेखन करा :

- मागणी करणारे दोन पत्र
- तक्रार करणारे दोन पत्र

प्र. 3 खालील विषयांवर आकर्षक जाहिरात तयार करा :

- आईस्क्रीम पार्लर
- व्यायामशाळा (जीम)
- सुट्टीतील छंदवर्ग

प्र. 4 अ) कोणत्याही 10 म्हणी लिहा.

- कोणतेही 10 वाक्प्रचार व त्यांचे अर्थ लिहा.
- शब्दसमूहास एक शब्द (पाठानुसार) 10 लिहा.

## हिन्दी

प्र. १. दिए गए विषय पर आकर्षक विज्ञापन तैयार करके लिखो।

१. अगरबत्ती २. कुलर्स ३. छाता ४. हेलमेट ५. ए. टी. एम के लिए सुरक्षा कर्मी  
६. पुस्तक प्रदर्शनी

प्र. २. दिए गए चार चित्रों के आधार पर प्रत्येक को उचित शिर्षक देकर १०० – १२० शब्दों में चार निबंध लिखो।

१)



२)



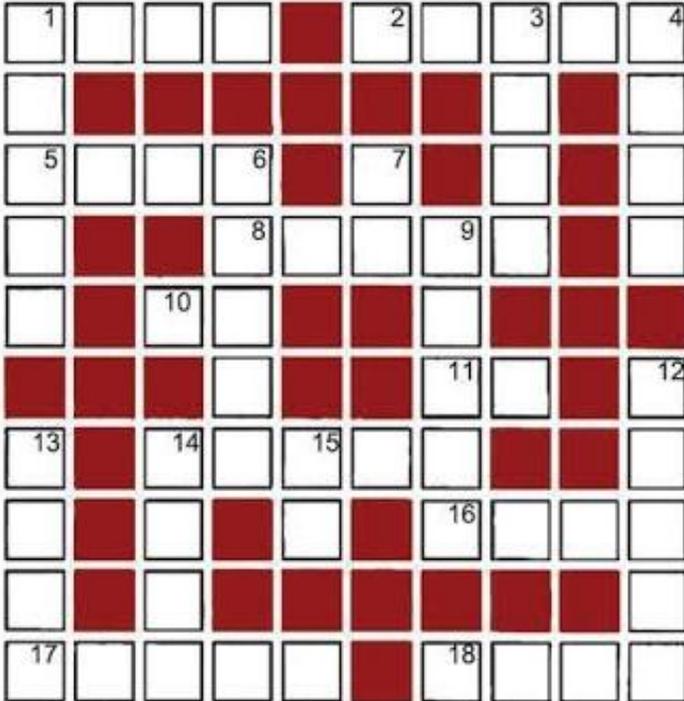
३)



४)



प्र. ३. दी गई वर्ग पहेली हल करो।



ऊपर से नीचे:-

- समय से पहले मौत हो जाना (5)।
- गोलाकार (4)।
- सुंदर तरीके से काटना या कतरना (4)।
- नाक का छेद (5)।
- यथार्थ, सही बात, सच (2)।
- किसी व्यक्ति के बारे में शिकायत करके किसी को उसके विरुद्ध करना (2,3)।
- बुद्धिमान, समझ रखने वाला (5)।
- किसी चीज का दबाव से फट जाना (4)।
- उपाय, तरीका, ढंग (4)।
- कर्तव्य, कर्म (2)।

बाएं से दाएं:-

- व्याकरण में जिस क्रिया का कर्म न हो (4)।
- निजी उपाख्यान, अपनी कथा (2,3)।
- आग का दहकना (4)।
- कहानी-कविता आदि रचने वाला (5)।
- सूर्य, दिनकर, सूरज (2)।
- डर (2)।
- पक्षपाती, सहायक (5)।
- निर्बुद्धि, बेवकूफ, मूर्ख, बुद्धिहीन (4)।
- लाज या इज्जत बचाना (2,3)।
- रात में जगने वाल (4)।

प्र. ४. दिए गए शब्दों में अंतर समझकर शुद्ध वर्तनी वाले शब्द 5 बार लिखो ।

अशुद्ध रूप	शुद्ध रूप	अशुद्ध रूप	शुद्ध रूप
परवारिक	पारिवारिक	वेदिक	वैदिक
परलोकिक	पारलौकिक	एक्य	ऐक्य
प्रमाणिक	प्रामाणिक	धैर्य	धैर्य
अधुनिक	आधुनिक	एच्छिक	ऐच्छिक
रसायनिक	रासायनिक	वेवाहिक	वैवाहिक
अशीर्वाद	आशीर्वाद	वेधानिक	वैधानिक
पत्नि	पत्नी	ओचित्य	औचित्य
पती	पति	ओरत	औरत
बिमार	बीमार	कोआ	कौआ
निरस	नीरस	कोख	कौख
अधुरा	अधूरा	योवन	यौवन
अनुकुल	अनुकूल	लोकी	लौकी
सुरदास	सूरदास	आंख	आँख
सुक्ति	सूक्ति	कांपना	काँपना
एनक	ऐनक		

प्र. ५. पत्र का प्रारूप तैयार करके लिखो ।

१) औपचारिक पत्र :

अ. प्रधानाचार्य को शुल्क माफ करने के लिए प्रार्थना पत्र ।

आ. स्वास्थ्य अधिकारी को परिसर के दुषित वातावरण के बारे में शिकायत करते हुए पत्र लिखे ।

२) अनौपचारिक पत्र :

अ. ऐतिहासिक स्थलों के भ्रमण करने हेतु पिता को पत्र लिखे ।

आ. विद्यालय में संगीत स्पर्धा में प्रथम क्रमांक आने पर मित्र / सहेली को अभिवादन का पत्र लिखे ।

प्र. ६. प्रतिदिन एक परिच्छेद का वाचन तथा लेखन करना है। जिससे लिखावट में सुधार और मात्राओं से संबंधित गलतियाँ न हो।

“घर में रहे, सुरक्षित रहे।”

### SANSKRIT

Q 1 Write Parasmaipad & Aatmanepad suffixes of लट्लकारः, लङ्लकारः, लोट्लकारः, विधिलिङ्लकारः on a sheet of paper & learn them properly.

Q 2 Write numbers from 1 – 100 on a sheet of paper with their Sanskrit spellings.

Q 3 Show different timings given on page 26 with their Sanskrit spellings.

Q. 4 Learn and write all the tables given in the text book on a sheet of paper for one time and decorate it properly.

## MATHEMATICS

### Maths - I :

Q. 1. Write five examples of Linear polynomial, Quadratic polynomial and Cubic polynomial.

Q. 2. Solve five examples of simultaneous linear equations in two variables by any method.

Q. 3. Compute the Income Tax payable by your father / mother.

Q. 4. Find the mean and median of the ages of your family members.

Q. 5. Using any rectangular figure, find the ratio of its perimeter to area.

### Maths - II :

Q. 1. Write properties of Parallelogram, Square, Rectangle, Rhombus and Trapezium.

Q. 2. Construct any right angle triangle and draw its incircle and circum circle.

Q. 3. Write values of six trigonometric ratios for angles  $0^\circ$ ,  $30^\circ$ ,  $45^\circ$ ,  $60^\circ$ ,  $90^\circ$ .

Q. 4. Write formulae for Curved surface area & volume of Cylinder, Cone and Sphere.

Q. 5. State in which quadrant the following points lie.

i) Whose both co-ordinates are positive.

ii) Whose both co-ordinates are negative.

iii) Whose  $x$  co-ordinate is positive &  $y$  co-ordinate is negative.

iv) Whose  $x$  co-ordinate is negative &  $y$  co-ordinate is positive.

Q. 6. Write following theorems with proofs.

1) Isosceles triangle theorem.

2) Mid point theorem.

3) Angle Sum Property of a triangle.

4) Remote Interior angle theorem.

5) Perpendicular Bisector theorem.

## SCIENCE

### Science and Technology, Paper I

1) Write statements of Newton's first, second and third law of motion. Write two examples of each.

2) Derive an expression for an object falling freely under the influence of gravitational force.

3) Collect information about scientist Dmitri Mendeleev and his contribution in the study of periodic table.

4) Write applications of all inert gases (He, Ne, Ar, Kr, Xe and Rn).

5) Study the processes a) Corrosion and b) Rancidity and answer the questions based on it.

- i) Why do silver articles turn blackish white and copper vessels turn greenish on keeping in air for a long time?
- ii) Why do pure gold and platinum always glitter?
- iii) Why do new iron sheets appear shiny?
- iv) When food is cooked in old, left over cooking oil, its taste changes. Why is it so?
- 6) Following are some questions related to the electric wiring of house. Answer them.
- i) What types of wire are used for connections in our house?
- ii) Fans, tubelight, T.V. are connected in series or parallel combination. Why?
- iii) Why MCB switches are used in homes?
- 7) Collect information about pioneer work done by scientist Michael Faraday.
- 8) Learn the following ion table.

Name	Ion (Cations)	Valency	Ion (Anions)	Valency	Name
Sodium	Na <sup>+</sup>	+1	Cl <sup>-</sup>	-1	Chloride
Potassium	K <sup>+</sup>	+1	Br <sup>-</sup>	-1	Bromide
Calcium	Ca <sup>2+</sup>	+2	I <sup>-</sup>	-1	Iodide
Ferrous	Fe <sup>2+</sup>	+2	NO <sub>3</sub> <sup>-</sup>	-1	Nitrate
Ferric	Fe <sup>3+</sup>	+3	SO <sub>4</sub> <sup>-2</sup>	-2	Sulphate
Barium	Ba <sup>2+</sup>	+2	S <sup>2-</sup>	-2	Sulphide
Aluminium	Al <sup>3+</sup>	+3	MnO <sub>4</sub> <sup>-</sup>	-1	Permanganate
Zinc	Zn <sup>2+</sup>	+2	PO <sub>4</sub> <sup>3-</sup>	-3	Phosphate
Manganese	Mn <sup>2+</sup>	+2	HCO <sub>3</sub> <sup>-</sup>	-1	Bicarbonate
Silicon	Si <sup>4+</sup>	+4	CO <sub>3</sub> <sup>-2</sup>	-2	Carbonate
Lead	Pb <sup>2+, 4+</sup>	+2, +4	OH <sup>-</sup>	-1	Hydroxide
Magnesium	Mg <sup>2+</sup>	+2	O <sup>2-</sup>	-2	Oxide
Ammonium	NH <sub>4</sub> <sup>+</sup>	+1	SO <sub>3</sub> <sup>-</sup>	-1	Sulphite
Cadmium	Cd <sup>2+</sup>	+2	CH <sub>3</sub> COO <sup>-</sup>	-1	Acetate
Nickel	Ni <sup>2+</sup>	+2	CrO <sub>4</sub> <sup>2-</sup>	-2	Chromate
Cuprous	Cu <sup>+</sup>	+1	Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup>	-2	Dichromate
Cupric	Cu <sup>2+</sup>	+2	NO <sub>2</sub> <sup>-</sup>	-1	Nitrite
Chromium	Cr <sup>+1, 2+, 3+</sup>	+1, +2, +3	HCl		Hydrochloric acid
Hydrogen	H <sup>+</sup>	+1	H <sub>2</sub> SO <sub>4</sub>		Sulphuric acid
Silver	Ag <sup>+</sup>	+1	HNO <sub>3</sub>		Nitric acid
Hydronium	H <sub>3</sub> O <sup>+</sup>	+1	CH <sub>3</sub> COOH		Acetic acid
Tin	Sn <sup>2+</sup>	+2	NaOH		Sodium Hydroxide
Mercurous	Hg <sup>+</sup>	+1	KOH		Potassium Hydroxide
Mercuric	Hg <sup>2+</sup>	+2	CuSO <sub>4</sub>		Copper Sulphate

9) Study the following terms:

Reflection, refraction, total internal reflection, dispersion, Cartesian sign conventions.

10) Collect information about Moon and Mars missions.

11) Define alloys and write their applications.

12) What are real and virtual images? How will you find out whether an image is real or virtual? Can a virtual image be obtained on a screen by using a convex mirror?

13) How are concave and convex mirrors constructed?

14) Indicate the following terms by drawing diagram of a) Concave and b) convex mirror.

Pole, Centre of curvature, radius of curvature and principal focus.

## **Subject: Science and Technology, Paper II**

1) Write the components of DNA molecules.

2) Make a presentation on human evolution.

3) What are the symptoms of diseases like night blindness, rickets, beri beri, anemia and scurvy.

4) Collect videos and photographs of different life processes in living organisms.

5) Study the following terms:

Ecosystem, food chain, food web, energy pyramid, trophic levels in a food chain, oxygen cycle, nitrogen cycle and carbon cycle.

6) Prepare a presentation about thermal power plant.

7) Gather information about solar light, solar water heating system and solar cooker.

8) Collect pictures of various useful microorganisms.

9) Which different products can be produced with the help of microbes?

10) Define antibiotics. Write their types. Which precautions should be taken about their consumption?

11) How the sewage generated in your house apartment is disposed off?

12) Write the applications of biotechnology.

13) Collect information about brain dead, organ donation, body donation and green corridor.

14) Write short notes on following topics:

a) Green revolution

b) White revolution

c) Blue revolution

## **SOCIAL STUDIES**

### **History**

Q. 1 Prepare a Timeline of the outbreak in the spread of the COVID – 19 virus in India. Refer to the following points :

- 1) Make a list that you wish to put on your timeline.
- 2) Research and note the specific dates and the period you wish to include.
- 3) List the events in a chronology, i.e. a sequence of earliest to latest.
- 4) Choose the period of time that your timeline will cover i.e. the earliest date will be the starting point and the latest date will be the ending point.
- 5) Calculate the number of segments that your timeline will have.
- 6) Draw the line and divide it into the number of equal segments that you will need.
- 7) Your latest date in the timeline which you can use will be 30<sup>th</sup> June 2020.

Q. 2 Write a review of a historical serial that you have watched.

Q. 3 Collect information about various world heritage sites in India as well as the world.

Q. 4 What measures will you suggest to control corruption? Make a list of it.

Q. 5 Prepare a format of a complaint you will submit under the consumer protection act if you get cheated in the purchase of vegetables of grains.

### **Geography**

Q. 1 Draw / Trace Indias outlined map alongwith various states/capitals and the below points to be shown the map :

- 1) India's important rivers (state wise)
- 2) India's important mountain ranges
- 3) India's important I.T. hubs
- 4) India's important airports

Q. 2 Gather information about Brazil, its capital important rivers, important cities.

Q. 3 Draw latitudes and longitudes showing :

- 1) Indian standard time (IST)
- 2) Greenwich meridian time (GMT)
- 3) International date line

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