



Class X

SUBJECT- ENGLISH LANGUAGE & LITERATURE

HOLIDAY HOMEWORK

Section A- Unseen Passage

1.1. Read the passage given below.

Technology is making advancements at a rapid rate but at the cost of a valued tradition—the crafts industry. The traditional crafts industry is losing a lot of its trained and skilled craftsmen. With that, the art of embellishing brass and 5. copper utensils with fine engravings is also disappearing. The government has identified around 35 crafts as languishing craft.

The speciality of handcrafted items is its design, an association with long traditions belonging to a specific region. The word ‘handcrafted’ does not imply the involvement of dexterous human fingers or an agile mind with a moving 10. spirit anymore. Lessening drudgery, increasing production and promoting efficiency have taken precedence. The labour-saving devices are taking the place of handcrafted tools and this has jeopardized the skills of these artisans.

Mechanisation has made its way into 15. everything-cutting, polishing, edging, designing etc. Ideally, the use of machinery should be negligible and the handicrafts should be made purely by hand with a distinguishable artistic appeal. However, with the exception of small-scale industries, the export units are mostly operated by machines. The heavily computerised designs contribute to a faster production at lower costs.

Although mechanization of crafts poses a challenge to safeguarding traditional crafts, the artisans are lured with incentives in order to impart handicrafts training. Some makers do see machines as a time-saving blessing since they are now able to accomplish difficult and demanding tasks with relative ease.

These machines might give a better finesse to these products but they don’t stand out as handcrafted. Quantity has overtaken quality in this industry.

A need to highlight the importance of the hand-made aspect is required by both the government and private sectors, in order to amplify awareness and also support the culture of making handicrafts. A few artisans are still trying their best to rejuvenate and revive their culture and heritage but it’s an uphill task competing with the machine- made goods. A multitude of artisans have changed their professions and are encouraging their progeny to follow suit. There are others who have stayed their ground but are clearly inclined towards buying machines.

Nearly two decades ago, there were around 65 lakh artisans in the country. Three years ago, when the government started the process of granting a unique number to the artisans based on the Aadhaar card, 25 lakhs were identified. Loss of traditional crafts is clearly a worrying issue, but it stands to reason that forcing any artisan to follow old ways when concerns of livelihood overrule other considerations, is unfair.

On the basis of your understanding of the passage, answer ANY FIVE questions from the six given below.

1. What does the writer mean by calling handicrafts a ‘valued tradition’?
2. Rewrite the following sentence by replacing the underlined phrase with a word that means the same from lines
If it continues, the workcation (work + vacation) trend will be a powerful boost to domestic tourism operators failing to make progress in the economic slump caused due to the pandemic
3. State any two reasons why artisans are choosing to work via machines rather than handcrafted tools.
4. Why do the artisans need to be ‘lured with incentives’ to impart handicrafts training?
5. List one likely impact of the support of government and private sectors towards the culture of making handicrafts.
6. How does the writer justify an artist’s act of abandoning her/his traditional craft for a more lucrative option?

2.0 Read the passage given below.

Call it a blessing or a curse of Mother Nature, we have to breathe in over 10,000 litres of air in a day (more than four million litres in a year) to remain alive. By making it essential for life, God wanted us to keep the air we breathe clean. Everyone can see the food that is not clean and perhaps refrain from eating it, but one cannot stop breathing even if one can feel the air to be polluted.

Several harmful and noxious substances can contaminate the air we breathe. Generally, much is said and written about outdoor air pollution, most of which is due to vehicular and industrial exhausts. Given the fact that most of us spend most of our time indoors, it is most important to recognise that the air we breathe in at home or in offices can be polluted. It can be a cause of ill-health. Air pollutants that are generally present in very low concentrations can assume significance in closed ill-ventilated places. The indoor air pollution can lead to allergic reactions and cause irritation to the skin, the eyes and the nose. But as is logical to assume, the brunt of insult by pollutants is borne by the lungs. It can lead to the development of fresh breathing problems, especially in those who have allergic tendencies, or it can worsen the existing respiratory illnesses like asthma and bronchitis. There can be several sources of indoor air pollution. Tobacco smoke is one of the most important air pollutants in closed places. “Passive smoking” or environmental tobacco smoke (ETS) pollution can lead to all the harmful effects of tobacco smoking seen in the smokers in their non-smoking companions. ETS as a health hazard has been unequivocally proven and is also getting social recognition now. One can occasionally see signs displaying the all-important message: “Your smoking is injurious to my health” in offices and homes.

The children of smoking parents are among the worst affected persons. The exposure of young children to ETS leads to increased respiratory problems and hospital admissions as compared to non-exposed children. Several studies, including those done at the PGI, have shown an increased risk of lung cancer among women exposed to passive smoking. ETS also worsens the existing lung diseases like asthma and bronchitis. It may be responsible for the development of asthma in children.

The gases are very toxic in high concentrations as may be encountered during industrial accidents, but even in very minimal amounts, as may be prevalent in homes and offices, they can cause irritation to the skin or the eyes, rashes, headache, dizziness and nausea. Improving the ventilation is an important preventive measure, besides trying to eliminate the source that may not be always feasible. Other indoor pollutants are toxic chemicals like cleansing agents, pesticides, paints, solvents and inferior quality personal-care products, especially aerosols. Very old crumbling pipes, boilers, insulation or false roofing can also be important sources. Asbestos is a hazardous product that can cause cancer in humans. It is important to realise that the air we breathe at home may not be clean always and we must try to eliminate the source of pollution. We should give due consideration to ventilation.

Based on your understanding of the passage, answer ANY FIVE questions from the six given below.

1. What does the writer mean by using the quote “Your smoking is injurious to my health”?
2. Rewrite the following sentence by replacing the underlined phrase with a word that means the same from lines 15-20.
Shalini, without a doubt, is a Manchester City fan. She even got the stadium tickets to go watch the live series.
3. State a reason for air being contaminated with noxious substances?
4. Why are the children of smoking parents more prone to ‘hospital admissions’?
5. List one reason as to why we should give ‘due consideration to ventilation’?
6. How does the writer justify emphasising ventilation over eliminating the source of pollutant?

3.1. Read the passage given below.

Have you ever failed at something so miserably that the thought of attempting to do it again was the last thing on your mind?

If your answer is yes, then you should understand that you are not a robot. Unlike robots, we human beings have feelings, emotions, and dreams. We are all meant to grow despite our circumstances and limitations. Flourishing and trying to make our dreams come true feels great when life goes our way. But what happens when it does not? What happens when you fail despite all your hard work? Do you stay down and accept defeat or do you get up again? If you tend to persevere and keep going, you have what experts call grit’. Falling down or failing is one of the most agonising, embarrassing, and scary human experiences. But it is also one of the most educational, empowering, and essential parts of living a successful and fulfilling life. Did you know that perseverance (grit) is one of the seven qualities that has been described as the key to personal success and betterment in society? The other six are curiosity, gratitude, optimism, self-control, social intelligence, and zest.

Thomas Edison is an example of grit for trying more than 1,000 times to invent the light bulb. If you are reading this with the lights on in your room, you will realise the importance of his success. When asked why he kept going despite hundreds of failures, he merely stated that they had not been failures, they were hundreds of attempts towards creating the light bulb. This statement not only revealed his grit but also his optimism for looking at the bright side.

Grit can be learnt to help you become more successful. One of the techniques that help is mindfulness. Mindfulness is a practice that makes an individual stay at the moment by bringing awareness of his or her experience without judgement. This practice has been used to quieten the noise of fears and doubts. Through this simple practice of mindfulness, individuals have the ability to stop the self-sabotaging downward spiral of hopelessness, despair, and frustration. What did you do to overcome the negative and self-sabotaging feelings of failure? Reflect on what you did, and try to use those same powerful resources to help you today.

On the basis of your understanding of the passage, answer ANY FIVE questions from the six given below

1. What does the writer mean by saying that it feels great when ‘life goes our way’?
2. Rewrite the following sentence by replacing the underlined phrase with a word that means the same from lines (20-25).
Amit’s behavior of preventing himself from reaching his goals purposely, will make him regret in future.
3. State the meaning of ‘social intelligence’ as implied in the passage.
4. How does mindfulness helps in ‘quietening the noise of fears and doubts’?
5. List two reasons as to why humans are ‘unlike robots’?
6. How does the writer justify ‘failure’ in a positive light?

Section B- Editing

The following passages have not been edited. There is one error in each of the lines. Write the incorrect word and the correction in the space provided.

1.0

	Error	Correction
Ram went up to the basement	E,g Up	down
And find that one of the	a)	
Door was open and the lock	b)	
Has broken out	c)	

2.0

	Error	Correction
Community service sensitise people to	a)	
other's needs and supports inclusive	b)	
development to the underprivileged	c)	
sections		
with society. Courses about social	d)	
work prepares frontline workers to	e)	
takes up assignments in social welfare	f)	
organizations. Practical work including	g)	
50 hour of structured internship to projects	h)	

3.0

	Error	Correction
Madhubani Painting is one in the many traditional	a)	down
Indian art forms. It is but known as Mithila or Godhna	b)	
Paintings. This art developed by Mithila or Madhubani district	c)	
of Bihar or then spread to villages around Madhubani	d)	

4.0

	Error	Correction
Vijender Singh of Bhiwani, be the	a)	
first Indian boxer as bring an Olympic	b)	
medal to India at 2008.	c)	
Vijender was encouraged from his coach	d)	

ग्रीष्म कालीन अवकाश हेतु गृहकार्य

कक्षा - X

विषय - हिंदी

1. निम्नलिखित विषय पर 80 से 100 शब्दों का अनुच्छेद लिखिए।
 - क - वैश्वीकरण या ग्लोबलाइजेशन के प्रभाव
 - ख - विश्वास का आधार - अनुशासन
2. निम्नलिखित विषयों पर पत्र लिखिए।
 - क - विज्ञान और सामाजिक विज्ञान की पुस्तकें खरीदने हेतु रुपये मंगवाने के लिए पिता जी को पत्र लिखिए।
 - ख - छोटी बहन के जन्मदिवस समारोह पर अपने मित्र को आमंत्रित करते हुए पत्र लिखिए।
3. वाचन कौशल के लिए विषय (समय 1 मि० से 1½ मि०)
लिखकर चाद कीजिए।
 - क - समय; सफलता का मंत्र
 - ख - दिनचर्या में खेलों का योगदान
- नोट - समस्त कार्य अभ्यास पुस्तिका में कीजिए।



Deep Public School

Holiday homework

Class-10

Subject – Science

Chemistry

1. Which of following is not a physical change ?

(A) Boiling of water to give water vapour.

(B) melting of ice to give water .

(C) dissolution of salt in water.

(D)) combustion of LPG .

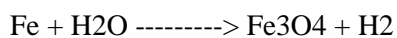
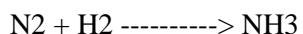
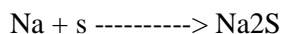
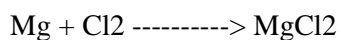
2. Which method is used to balance chemical equations ?

3. What is chemical reaction ? What observation take place during chemical reaction ?

4. Define following - (i) Reactant (ii) product.

5. Write the formula of following - (A) Blue vitriol (B) Green vitriol (C) white vitriol (D) king of acids.

6. Balance the following chemical equations –



7. Write the balanced equation to represent the following statements :

(i) carbon burns in air to form carbon dioxide .

(ii)) A piece of sodium metal on putting in water forms caustic soda & hydrogen gas.

8. State the observation for following statements –

What happens when potassium iodide solution is added to lead nitrate solution. Write equation also.

9. A silvery white metal X taken in the form of ribbon when ignited , burns in air with a dazzling white flame to form a white powder Y. When water is added to powder Y , it dissolves partially to form another substance Z .

(A)) What could metal X be ?

(B) What is powder Y ?

(C) with which substance metal X combine to form powder Y ?

(D) what is substance Z ? Name one domestic use of substance Z .

Project: Make a list of various mineral and organic acids and bases and write their pH and uses on a chart paper. (Paste colourful pictures wherever required).

Physics

1. The magnification produced by a mirror is -1.5. What does it signify about the image formed?

2. How can you identify three types of mirrors without touching?

3. A spherical mirror produces an image of magnification-1.0 on a screen placed at a distance of 30 cm from the pole of the mirror

(i) write the type of mirror in this case.

(ii) what is the focal length of the mirror?

(iii) what is the nature of the image formed?

(iv) draw the ray diagram to show the image formation in this case.

4. An object is placed at the following distances from a convex lens of focal length 15 cm. (i) 35cm (ii) 30cm (iii) 20cm (iv) 10cm

Which position of the object will produce an image of same size as that of the object? Draw ray diagram for it.

5. An object 4cm tall is placed on the principal axis of a concave mirror of focal length 20cm at a distance of 30cm from it. Find the position, nature and size of the image formed.

6. Refractive indices of kerosene, turpentine and water are 1.44, 1.47 and 1.33 respectively. Through which of these media, light travels fastest?
7. The image of a candle flame placed at a distance of 45 cm from a spherical lens is formed on a screen placed at a distance 90 cm from the lens. Calculate its focal length and identify the type of lens. If the height of the flame is 2 cm, find the height of its image.
- from?
- (ii) What kind of lenses will he require to increase his range of vision from 25 cm to infinity? Explain briefly.
- (iii) Draw relevant ray diagrams.
9. A person is not able to read from a book until he keeps it at 50 cm. Determine the power of corrective lens.
10. A glass prism is able to produce a spectrum when white light passes through it but a glass slab does not produce any spectrum. Explain. Why is it so?

PROJECT WORK

Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Take angle of incidence i) 30° ii) 35° iii) 50° iv) 55°

Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.

Do it in a A4 size sheet

Biology

A) Write the articles on the following topics with word limit of 250 – 300 words.

- a) Healthy food, healthy mind
- b) We are the cleaners of environment – Bacteria
- c) Biofuels a boon to society

B) Draw the following diagrams:

- a) Digestive system in humans
- b) Respiratory system in humans
- c) Excretory system in humans
- d) Human heart
- e) Human heart

C) Do all the questions from chapter 6 ‘Life Processes’ in Biology notebook.

Deep Public School

Vasant Kunj New Delhi

SUMMER VACATION HOLIDAY HOMEWORK

MATHMATICS

CLASS 10th

VERY SHORT ANSWER TYPE QUESTIONS:-

Q1. What is the H.C.F of the smallest composite number and the smallest prime number?

(CBSE 2018) Q2. If 'p' is a prime number then what is the L.C.M of p, p², p³?

Q3. The product of a non-zero rational and an irrational number is always.

Q4. After how many decimal places the decimal expansion of the rational number

14587/1250 will terminate? Q5. "The product of three consecutive positive integers is divisible by

6". True or False. Justify.

Q6. Can two numbers have 18 as their HCF and 380 as their LCM? Give reason

(Chapter: 2, Polynomials)

1) Find the zeroes of the following quadratic polynomials and verify the relationship between the zeroes and the coefficients.

i) $5x^2 - 29x + 20$ (ii) $x^2 - 5x$

2) Form the quadratic polynomials whose zeroes are

i) $3 + \sqrt{2}$ and $3 - \sqrt{2}$ (ii) $-\sqrt{2}$ and $\sqrt{2}$

3) Verify that $x = 3$ is a zero of the polynomial. $p(x) = 2x^3 - 5x^2 - 4x + 3$

Find the quadratic polynomial, the sum and product of whose zeroes are 4 and 1, respectively

The graph of $y = f(x)$ is given below (fig. 1), for some polynomial $f(x)$. Find the number of zeroes of $f(x)$.

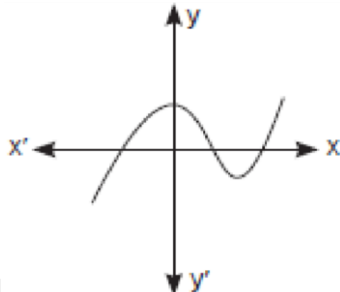


Fig. 1

Fig. 2

4) The graph of $x = p(y)$ is given above (fig. 2), for some polynomial $p(y)$. Find the number of zeroes of $p(y)$.

If α and β are the zeroes of a polynomial, such that $\alpha + \beta = 10$ and $\alpha\beta = 6$, then write the polynomial.

- 5) If the sum of the zeroes of the quadratic polynomial $ky^2 + 2y - 3k$ is equal to twice their product, find the value of k .
- 6) If the product of the zeroes of the polynomial $ax^2 - 6x - 6$ is 4, then find the value of a . Also find the sum of zeroes of the polynomial.
- 7) If α and β are the zeroes of the polynomial $x^2 + 6x + 9$, then form a polynomial whose zeroes are $-\alpha$ and $-\beta$.

(Chapter: 3, Pair of Linear Equations in Two Variables)

- 1) Does the point (1,-2) lie on the line whose equation is $3x - y - 5 = 0$?
- 2) For what value of 'k' the pair of linear equations $x - ky + 4 = 0$ and $2x - 4y - 8 = 0$ is inconsistent?
- 3) Which axis is the graph of the equation $x = 0$?
- 4) How many solutions of the equation $5x - 4y + 11 = 0$ are possible?
- 5) What is the value of 'k' for which the graph of the equations $2x - 3y = 9$ and $kx - 9y = 18$ are parallel lines?
- 6) Find the value of 'a' for which the system of equations $3x + 2y - 4 = 0$ and $ax - y - 3 = 0$ will represent intersecting lines?
- 7) Write a linear equation in two variables which is consistent to equation $5(x - y) = 3$.
- 8) Draw the graph of the following pair of linear equations $5x - y = 5$ and $3x - y = 3$. Determine the coordinates of the vertices of the triangle formed by these lines and y axis.
- 9) Graphically, find whether the following pair of equations is consistent or inconsistent. $5x - 8y + 1 = 0$ and $3x - 24y + 3/5 = 0$
- 10) $x + y = a + b$ and $ax - by = a^2 - b^2$
- 11) $2(ax - by) + (a + 4b) = 0$ and $2(bx + ay) + b - 4a = 0$
- 12) $ax + by = a^2 + b^2$ and $bx + ay = 2ab$
- 13) $mx - my = m^2 + n^2$ and $x + y = 2m$
14. $\frac{a^2}{x} - \frac{b^2}{y} = 0$ and $\frac{a^2b}{x} + \frac{b^2a}{y} = a + b$
15. $\frac{5}{x+y} - \frac{2}{x-y} = -1$ and $\frac{15}{x+y} + \frac{7}{x-y} = 10$

HOLIDAY'S HOME WORK

SOCIAL SCIENCE

CLASS X (22-23)

To prepare PROJECT REPORT as per the following guidelines :

1. **Every student** has to compulsorily undertake **any one project** on the following topics:

Consumer Awareness

OR

Social Issues

OR

Sustainable Development

- Social Issues(Casteism ,Gender inequality and communalism to be undertaken)(Choose any one)
- The project report should be hand written .
- The project report should be made from eco-friendly products without incurring too much expenditure .
- The project report should be original ,creative & well presented.



DEEP PUBLIC SCHOOL

Your Child's future is Our Priority !!

ASSIGNMENT

ECONOMICS –

Q1. Define the following terms:

- a) Average Income
- b) Literacy Rate
- c) Net Attendance Ratio
- d) Infant mortality rate
- e) Life Expectancy Rate

Q2. Choose the correct option:

I) Which of the following statement defines Literacy

- a) Proportion of literate population in the seven & above age group.
- b) Proportion of literate population in the five & above age group.
- c) Proportion of Illiterate population in the seven & above age group.
- d) Proportion of Illiterate population in the five & above age group.

II) One of the best ways to have Sustainable Development.

- a) Unlimited use of renewable & non- renewable resources.
- b) Limited use of renewable & non- renewable resources
- c) Overconsumption of natural resources.
- d) Consumption of resources according to greed but not need.

Q3. Complete the sentences:

- a) It is a composite statistic of life expectancy & per capita indicators, which are based to rank countries according to human development

b) The number of deaths of children less than one year of age per 1000 live birth is referred as

Q4. State whether the statements are true or false:

a) The developmental goal of landless rural labourer is to go abroad for higher studies. ()

b) People have same developmental goals. ()

c) People have conflicting developmental goals. ()

Q5. Tick the correct alternative.

a) India is a (developed/developing) country.

b) Crude oil is a (renewable /non-renewable) resource.

c) Need of an hour is to have (economic development/sustainable development) for countries.

d) The earth has enough resources to meet (need/greed) of all.

e) Money (can /cannot) buy all the goods & services that one may need to live well.

GEOGRAPHY

1. How can you say that resources are not free gifts of nature?

2. What is Net Sown Area (NSA)?

3. Distinguish between khadar and banger soils.

4. What is soil erosion? What factors contribute to it? Mention various types of soil erosion.

5. Name six groups of flora and fauna under which they are classified by International Union for Conservation of Nature and Natural Resources (IUCN).

6. Write four major reasons for the depletion of forest cover.

7. Write four steps taken by the Government for conservation of wildlife.

HISTORY /CIVICS -

1- Identify the personality who sought to put together a coherent programme for a United Italian Republic.

A. King Victor Emmanuel II

B. Kaiser William I

C. Guiseppe Mazzini

D. Count Cavour

2- When was Ireland forcibly incorporated into United Kingdom?

A. 1798

B. 1799

C. 1800

D. 1801

3- Mention the reason that facilitated the movement and exchange of goods and capital from one region to another.

A. A common national currency

B. Uniform laws

C. Standardized weights and measures

D. All the above

4- Unification of Germany took place between_____.

A. 1814 – 1815

B. 1821 – 1848

C. 1866 – 1871

D. 1797 – 1905

5- Who adopted ideas of operas, music, folk dance like polonaise and mazurka as national symbols?

A. Louise Philippe

B. Johann Gottfried Herder

C. Karol Kurpinski

D. Metternich

6- Define the following terms-

- A- Conservatism
- B- Liberalism
- C- Romanticism
- D- Nationalism
- E- Imperialism

7- Identify the following-

- A- Gottfried Herder
- B- Grimm brothers
- C- Kaiser William I
- D- Duke Metternich
- E- Giuseppe Mazzini
- F- Cavour
- G- Otto von Bismarck

8- Describe the role of culture in developing the feeling of Nationalism in Europe.

9- “When France sneezes, the rest of Europe catches cold”. Explain 10- Explain the factors responsible for the conflict in Balkan region.

IT

HOLIDAY HOME WORK

Q. Your school is going to organize annual sports meet. Create a beautiful banner for “Annual Sports Meet” using different images and Drawing tools. And email me on bhavana.chhibber@deeppublicschool.co.in