



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS -IX**  
**ACADEMIC SESSION 2020-21**  
**WORKSHEET**



**Subject: English**

**Assignment No. : 4**

**Allotment Date: 15 July 2020**

S. NO.	QUESTIONS	MARKS	NATURE						
1	This year you celebrated your birthday / father's Day/ wedding anniversary of your Mom and Dad (any one) at home without gathering or going to Hotel etc...though you enjoy it. Make a <b>Diary entry</b> describing your unforgettable feelings and happiness of the day	6	Information						
2	<b>Read the extract carefully and answer the following questions:</b> Let us remember, whenever we are told To hate our brothers, it is ourselves That we shall dispossess, betray, condemn. Remember, we who take arms against each other  a) Name the poem and poet. b) What happens when we hate our brothers ? c) What is the result of taking arms against each other ? d) How can we lead a happy and prosperous life ?	4	Understanding						
3	<b>Answer the following questions in about 30-40 words each: (any one).</b> What characteristics does he say he inherited from his parents? OR How did Abdul Kalam earn his first wages?	4	HOT						
4	<b>Fill in the blank with the correct preposition given in bracket. [ with, along, under, on, in]</b> 1. The next meeting will be held ..... Tuesday. 2. The boat got stuck to something ..... the bridge. 3. The car and truck collided ..... The middle of the road. 4. I was walking .....the road with an old friend of mine.	4	Interdisciplinary						
5	<b>(i)The following paragraph has not been edited. There is one error in each line. Identify the error and write down its correction.</b>  <table style="width: 100%; border: none;"><tr><td style="width: 40%;"></td><td style="text-align: center;"><b>Error</b></td><td style="text-align: center;"><b>Correction</b></td></tr><tr><td>Martyr's Day is celebrated in 30th</td><td style="text-align: center;">eg. In</td><td style="text-align: center;">on</td></tr></table>		<b>Error</b>	<b>Correction</b>	Martyr's Day is celebrated in 30th	eg. In	on	2	Analytical Skill
	<b>Error</b>	<b>Correction</b>							
Martyr's Day is celebrated in 30th	eg. In	on							

	<p>of January every year because on a .....  same day, Mahatma Gandhi were .....  assassinated at the year 1948 .....  before an sunset during the ritual prayers .....</p> <p><b>Rearrange the following words to form meaningful sentences.</b>  (a) In a / started/ The fire/ first floor / on the / paint/ go/ down  (b) Nobody/ How / it all/ knew/ started</p>	<b>2</b>	
<b>6</b>	Write an article in 100-120 words on “ <b>Real Happiness</b> ”	<b>6</b>	Critical Thinking and Problem Solving
<b>7</b>	<p><b>Answer the following questions briefly.</b>  a ) What are the guru’s words of wisdom ? When does the disciple remember them ?  b) How does the Guru manage to save his disciple’s life ?</p>	<b>6</b>	Evaluation
<b>8</b>	‘ Rekha was a beggar girl. One day a woman gave her amazing saplings and seeds of herb plants instead of donation and said, “Plant these seedlings and saplings. You will get rewards innumerable.” Rekha... ..’ complete the story in your own words.( 200-250 words.)	<b>6</b>	Communication Skills



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Subject: Hindi

Assignment No. : 4

Allotment Date: 15 July 2020

S. NO.	QUESTIONS	MARKS
1	ग्रीष्मावकाश में षिमला बुलाने के लिए षिमला के मित्र द्वारा ग्वालियर के मित्र को निमंत्रण पत्र लिखिए।	5
2	विजय और सुदीप के बीच बढ़ती हुई बेराजगारी को लेकर होने वाली चर्चा को लगभग 50-60 शब्दों में संवाद शैली में लिखिए।	6
3	1- निम्नलिखित शब्दों के वर्ण विच्छेद कीजिए। बहिष्कार अतिथि	2
	2-निम्नलिखित मुहावरों का वाक्य में प्रयोग कीजिए- अकल का दुष्मन ऊँट के मुँह में जीरा खून पसीना एक करना	3
	3-निम्नलिखित शब्दों की संधि कीजिए। 1- लोक+उक्ति                      2- अभि+सेक	2
	4-निम्नलिखित शब्दों में उपसर्ग तथा मूल शब्द अलग कीजिए। (क)-दुस्साहस (ख)-बेईमान (ग)-खुषमिजाज	3
4	कौन सा आघात अप्रत्याषित था? और उसका लेखक पर क्या प्रभाव पड़ा। तुम कब जाओगे, अतिथि पाठ के आधार पर लिखिए।	5
5	निम्नलिखित में से किसी एक विषय पर 80-100 शब्दों में अनुच्छेद लिखिए।	5

	(क)–देषाटन या भ्रमण के लाभ अथवा (ख)–दैनिक जीवन में खेलों का योगदान	
6	निम्नलिखित प्रश्नों के उत्तर दीजिए। क. भाई के बुलाने पर घर लौटते समय लेखक के मन में किस बात का डर था? ख. सॉप का ध्यान बांटने के लिए लेखक ने क्या-क्या युक्तियाँ अपनाईं? ग. मक्खनपुर पढ़ने जाने वाली बच्चों की टोली रास्ते में पढ़ने वाले कुएँ में डेला क्यों फेंकती थीं?	9



**ARMY PUBLIC SCHOOL GWALIOR**  
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**Subject: Mathematics**

**Assignment No. : 4**

**Allotment Date: 15 July 2020**

S. NO.	QUESTIONS	MARKS	NATURE
1	The graph of the linear equation $y=x$ passes through the point (a) $(3/2, -3/2)$ (b) $(0, 3/2)$ (c) $(1, 1)$ (d) $(-1/2, 1/2)$	1	understanding
2	If a linear equation has solution $(-2, 2)$ , $(0, 0)$ and $(2, -2)$ then its equation is (a) $y-x=0$ (b) $x+y=0$ (c) $-2x+y=0$ (d) $-x+2y=0$	1	Application
3	The equation $x=2y$ represent a line (a) parallel to x-axis (b) parallel to y-axis (c) passing through origin (d) passing through the point $(1, 2)$	1	Understanding
4	The graph of a line $x+5=0$ is: a) parallel to x-axis (b) parallel to y-axis (c) passing through origin (d) passing through the point $(5, 0)$	1	Interdisciplinary
5	The number of linear equation(s) in x and y which can be satisfied by $x=1$ and $y=2$ is (are) (a) only one (b) two (c) three (d) infinitely many	1	Analytical Skill
6	The equation of a line parallel to y-axis and 2 units towards left of origin is: (a) $x-2=0$ (b) $x+2=0$ (c) $y+2=0$ (d) $y-2=0$	1	Critical Thinking and Problem Solving
7	Axioms are assumed: (a) definition (b) theorem (c) Universal truth in all branches of Mathematics (d) Universal truths specific to geometry	1	Understanding
8.	Euclid state that "all right angles are equal to each other" in the form of : (a) an axiom (b) a definition (c) postulate (d) a proof	1	Analytical Thinking
9	Boundaries of solids are (a) surfaces (b) curves (c) lines (d) points	1	Understanding
10	The number of dimension a plane surface has : (a) 1 (b) 2 (c) 3 (d) 0	1	Analytical thinking

11	A point C is said to lie between the points A and B if: (a) $AC=BC$ (b) $AC+AB=BC$ (b) (c) points A,C and B are collinear (d) none of these	1	Interdisciplinary
12.	Lines are parallel if they do not intersect of: is stated in the form (a) An axiom(b) a definition (b) (c) a postulate (d) a theorem	1	Application
13	How many solutions of the equation $2x+1=x-3$ are there on the i) Number line ii) Cartesian plane	2	Evaluation
14	For what value of c, the linear equation $2x+cy=8$ has equal values of x and y for its solution..	2	Analytical Thinking
15.	Express the following statement as a linear equation in two variables by taking present ages (in years) of father and son as x and y, respectively .Age of father 5 years ago was two years more than 7 times the age of his son at that time.	2	Application
16.	Let y varies directly as x. If $y=12$ when $x=4$ , then write a linear equation	2	Application
17.	Solve the equation $y-25=40$ and state which axiom will you use here?	2	Analytical thinking
18.	What is the difference between a Euclid's postulates and an axioms?	2	Analytical thinking
19.	State Euclid's 5th postulate.	2	Analytical thinking
20.	If $AB=(x+3)$ , $BC=2x$ and $Ac=(4x-5)$ then for what value of x, B lies on AC?	2	Interdisciplinary
21.	Draw the graphs of linear equation $x-2y=1$ and $2x+y=7$ on the same graph paper and find their common solution.	3	Critical thinking And Evaluation
22.	Shade the triangular region formed by the graphs of $2x-y=4$ and $x+y=2$ and the y-axis. Write the coordinates of the vertices of the triangle and find its area.	3	HOTS
23.	In the figure if $AC=BD$ , then prove that $AB=CD$  	3	HOTS
24.	If a point C lies between two points A and B such that $AC=BC$ , then prove that $Ac=1/2 Ab$ . Explain by drawing the figure.	3	HOTS



**ARMY PUBLIC SCHOOL GWALIOR**  
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Subject: Science

Assignment No. : 4

Allotment Date: 15 July 2020

S. NO.	QUESTIONS	MARKS	NATURE
1	Q1. Define inertia. Q2. What is a pure substance ? Q3. Where can we find apical meristem ?	1 1 1	Information
2	Q4. Where areolar tissue is found in animals ? What is its function ? Q5. State Newton's first law of motion Q6. Differentiate between homogenous and heterogenous mixtures with examples.	3 3 3	Understanding
3	Q7. State Newton's second law of motion. Q8. Write the steps you would use for making tea. Use the words solvent, solute, dissolve, filtrate and residue.	3 3	HOT
4	Q9. What is the structure of a neuron ? Explain with the help of diagram. Q10. An object travels 16m in 4s and another 16m in 2s. What is the average speed of the object?	3 3	Interdisciplinary
5	Q11. Name the techniques used to separate :(a) Butter from curd. (b) Salt water from sea water (c) Camphor from salt. Q12. Define momentum. State its S.I unit. Write the formula for momentum.	3 3	Analytical Skill
6	Q12. State law of conservation of momentum and derive the formula $m_1u_1+m_2u_2 = m_1v_1+m_2v_2$	5	Critical Thinking and Problem Solving
7	Q13. What are the different types of meristematic tissue ? Also, mention their functions. Draw a diagram of the tissue to show its location.	5	Evaluation



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**Subject: Social Science**

**Assignment No. : 4**

**Allotment Date: 15 July 2020**

S. NO.	QUESTIONS	MARKS	NATURE
1	1. When did the Tsar abdicate the throne?  (i) 2nd January, 1917  (ii) 2nd March, 1917  (iii) 5th April, 1917  (iv) 6th May, 1917	1	Information
	2. What do you mean by 'Kulaks'?  (i) Security Police  (ii) Well-to-do peasants  (iii) Landless labourers  (iv) None of the Above	1	
	3. Which one of the following refers to the secret police of Russia?  (i) Cheka	1	

	<p>(ii) Gestapo</p> <p>(iii) Security Police</p> <p>(iv) F.B.I.</p> <p>4. Which one of the following demands was not included in “April Theses” of Lenin?</p> <p>(i) End of World War I</p> <p>(ii) Formation of Duma</p> <p>(iii) Transfer of land to peasants</p> <p>(iv) Nationalisation of banks</p> <p>5. Which group was the supporter of women’s ‘Suffrage Movements’?</p> <p>(i) Liberals</p> <p>(ii) Conservatives</p> <p>(iii) Radicals</p> <p>(iv) None of the Above</p> <p>6. What is apartheid?</p> <p>(i) A system followed during the election.</p>	<p><b>1</b></p> <p><b>1</b></p> <p><b>1</b></p>	
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<p>(ii) Policy of discrimination against the Blacks.</p> <p>(iii) Equal Opportunity.</p> <p>(iv) None of the above.</p>		
<p>7. When did the Assembly adopt the Constitution?</p> <p>(i) 26 November, 1949</p> <p>(ii) 26 January 1949</p> <p>(iii) 15 August 1950</p> <p>(iv) 15 August 1949</p>	<b>1</b>	
<p>8. What kind of 'Justice' does our Preamble provide?</p> <p>(i) Economic Justice</p> <p>(ii) Political Justice</p> <p>(iii) Social Justice</p> <p>(iv) All the above</p>	<b>1</b>	
<p>9. Which of the following days is celebrated to mark the enforcement of the constitution?</p> <p>(i) Republic Day</p>	<b>1</b>	

	<p>(ii) Independence Day</p> <p>(iii) Ambedkar Jayanti</p> <p>(iv) Indian Constitution Enforcement Day</p> <p>10. In 1928, who prepared the draft of a constitution for India?</p> <p>(i) Shyama Prasad Mukherjee</p> <p>(ii) B. R. Ambedkar</p> <p>(iii) Dr. Rajendra Prasad</p> <p>(iv) Motilal Nehru</p>	<b>1</b>	
<b>2</b>	<p>(a) Differentiate between Bolsheviks and Mensheviks. .</p> <p>(b) What do you mean by constitutional amendments?</p> <p>Why are they essential?</p>	<b>3</b>	Understanding
<b>3</b>	<p>(a) Describe the condition of the working women during the years from 1900 to 1930 in Russia. .</p>	<b>3</b>	HOT

	<p>(b) What do you know about the system of apartheid that was imposed on South Africa by the White Europeans?</p>	<b>3</b>	
<b>4</b>	<p>(a) Give reasons why we should accept the Constitution made by the Constituent Assembly more than fifty years ago for the growth and development of various sections of our country?</p>	<b>3</b>	Interdisciplinary
<b>5</b>	<p>(a) How did the First World War affect the industry in Russia?</p> <p style="text-align: center;">or</p> <p>(b) “ The Constitution of India was drawn up under very difficult circumstances”. Explain.</p>	<b>5</b>	Analytical Skill
<b>6</b>	<p>Read the given paragraph and answer the following questions.</p> <p>The constitution of a country is a set of written rules that are accepted by all people living together in a country. The Constitution is the supreme law that determines the</p>		Critical Thinking and Problem Solving

relationship among people living in a territory (called citizens) and also the relationship between the people and government. A constitution does many things:

- ★ First, it generates a degree of trust and coordination that is necessary for different kind of people to live together;
- ★ Second, it specifies how the government will be constituted, who will have power to take which decisions;
- ★ Third, it lays down limits on the powers of the government and tells us what the rights of the citizens are;
- ★ Fourth, it expresses the aspirations of the people about creating a good society.

Answer the following questions.

- (a) What do you mean by constitution?
- (b) What important role is played by the constitution between a government and citizens of a country?

	(c)How is the constitution important to protect the rights of citizens of India?	<b>5</b>	
<b>7</b>	(a) Explain the guiding values of the Constitution of India.  or  (b) In what ways was the working population in Russia different from other countries in Europe before 1917?	<b>5</b>	Evaluation



**ARMY PUBLIC SCHOOL GWALIOR**

**CLASS- IX**

**ACADEMIC SESSION 2020-21**

**WORKSHEET**



**Subject: Computer Science**

**Assignment No. : 03**

**Allotment Date: 15 July 2020**

**Name of the Application – MS-Access 2010**

S.NO.	QUESTIONS	MARKS	NATURE
1	<p>Choose and write the correct option (MCQ):-</p> <p>(i) What are the screens used for displaying data and entering/updating data in tables known as :</p> <p>(a) Tables</p> <p>(b) Forms</p> <p>(c) Reports</p> <p>(d) Queries</p> <p>(ii) We can generate Reports form :</p> <p>(a) Tables</p> <p>(b) Form</p> <p>(c) AutoFormat data</p> <p>(d) Cells</p> <p>(iii) Which tab do you need to click to create form?</p> <p>(a) Home</p> <p>(b) Create</p> <p>(c) External Data</p> <p>(d) Database tools</p> <p>(iv) What are the screens used for displaying data and entering/updating data in tables known as?</p> <p>(a) Tables</p> <p>(b) Forms</p> <p>(c) Reports.</p> <p>(d) Queries.</p>	0.5x5=2.5	Information

	<p>(v) Which button allows us to select an attractive layout from many ready-made available layouts?</p> <p>(a) Design (b) Navigation (c) AutoFormat (d) Form button</p>		
<b>2</b>	<p>Write short notes on following-</p> <p>(i) Data Validation (ii) Validation Rule (iii) Criteria in context of a Query (iv) AutoFormat option in creating Reports (v) Query</p>	5 x 2=10	Analytical Skill
<b>3</b>	<p>Fill in the blanks-</p> <p>(i) To generate a Query, click on the Create tab and click on the _____ button. (ii) To generate a basic report, click on the _____ tab and click on _____ button. (iii) Using a _____ data can be entered more conveniently and in a user-friendly manner. (iv) When you run a query, only those records, which match the _____ mentioned, will be displayed. (v) The _____ property specifies the constraints for the value entered into a table.</p>	5 x 1=5	Understanding
<b>4</b>	<p>Write True or False against the statements:-</p> <p>(i) Once a Report has been generated, it cannot be customized. ( ) (ii) You can specify criteria for a report. ( ) (iii) You can not change the field data types in the Datasheet View. ( ) (iv) If you want to add all the fields of the table in your query, double click on the Asterisks (#) displayed with the table fields in the query grid. ( ) (v) You can not delete records from the table in the Design view. ( )</p>	5x1=5	Interdisciplinary
<b>5</b>	<p>Answer the following questions -</p> <p>(i) What is Data Validation? (ii) What is the advantage of Form? (iii) What is the difference between Query and Report? (iv) Once a report has been generated, how can you make it attractive? (v) What is 'Validation Rule'?</p>	3x5= 15	HOT

<b>6</b>	Write the procedure to create a Query in MS-Access.	1x2.5=2.5	Critical Thinking and Problem Solving
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**ARMY PUBLIC SCHOOL GWALIOR**

**CLASS -IX**

**ACADEMIC SESSION 2020-21**

**WORKSHEET**



**Subject: Work Experience**

**Assignment No. : 3**

**Allotment Date: 15 July 2020**

S. NO.	QUESTIONS	MARKS	NATURE
1	What is pencil shading and its types?	2	
2	What are some shading techniques?	2	
3	What is cross hatching?	2	
4	What are the different types of pencil grips to produce different strokes?	2	
5	Explain how to imply different kind of textures?	2	



# ARMY PUBLIC SCHOOL GWALIOR

## CLASS - IX

### ACADEMIC SESSION 2020-21

#### WORKSHEET



**Subject: Physical Education (Sports)**

**Assignment No. : 3**

**Allotment Date: 15 July 2020**

<b>S.N</b>	<b>QUESTIONS</b>	<b>Point</b>
1.	In what country did badminton originated?  a) China b) England c) Malaysia d) Greece	1X10=10
2.	Which one of these are not parts of a racket?  a) Net b) Throat c) Grip d) Cheeks	
3.	These are the different names of badminton except.  a) Poona b) Wiff waff c) Ping pong d) Gossima	
4.	How many feathers do the shuttle cock have?  a) 25 b) 16 c) 18 d) 20	
5.	In What year did badminton has been an Olympic Sports?  a) 1992 b) 1993 c) 1995 d) 1994	

6.	<p>When is the sport badminton played in England</p> <ul style="list-style-type: none"><li>a) 1988</li><li>b) 1887</li><li>c) 1886</li><li>d) 1885</li></ul>	
7.	<p>The International Badminton Federation (IBF) established in what year?</p> <ul style="list-style-type: none"><li>a) 1934</li><li>b) 1931</li><li>c) 1932</li><li>d) 1933</li></ul>	
8.	<p>Who was the first Indian badminton player to hold number one rank in world ranking?</p> <ul style="list-style-type: none"><li>a) Manu Attri</li><li>b) Chetan Anand</li><li>c) Prakash Padukone</li><li>d) None of these</li></ul>	
9.	<p>Which of these is a fault when serving?</p> <ul style="list-style-type: none"><li>a) Hitting the shuttle below the waist.</li><li>b) The racket point downwards at the moment of hitting the shuttle.</li><li>c) Hitting the cork of the shuttle first.</li><li>d) Hitting the feathers of the shuttle first.</li></ul>	
10.	<p>Which of the tennis Grand Slam tournaments does not share the same name as an international badminton tournament?</p> <ul style="list-style-type: none"><li>a) Australian open</li><li>b) French open</li><li>c) US open</li><li>d) Wimbledon</li></ul>	