



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS – VII**  
**ACADEMIC SESSION 2022-23**  
**WORKSHEET (SELF –ASSESSMENT)**

**Subject: English**

**Assignment No. : 7**

**Allotment Date: 15 January 2023**

S. No.	QUESTIONS	MARKS	NATURE
1	Write a short biographical sketch of great freedom fighter Subhash Chandra Bose.(100 Words)	4 Marks	Informative and Understanding
2	Read the following extract of the poem and answer the questions given below:  " I saw a snake and ran away... Some snakes are dangerous they say; But mother says that kind is good. And eats up insect for his food." Q1. Who does 'they' refer to here? Q2. What do 'they' say about the snakes? Q3. What does 'that kind' eat?	3 Marks	Understanding
3	What is your belief about snakes? What will you do on seeing a snake?	4 Marks	HOT
4	Grammar Change the following sentences into indirect speech. a) I said to him,"Don't go there." b) My mother said to me,"What are you doing now?" c) She said,"Please give me another chance."	3 Marks	Interdisciplinary
5	Find the error. a) She is eligible on this post. ----- b) I am obliged with you. ----- c) We must abide with the laws. -----	3 Marks	Analytical Skill
6	What moral do you learn from the chapter -'A bicycle in good repair'? (100-120 words)	4 Marks	Critical Thinking
7	Answer the following questions in about 20-30 words a) What is the popular belief about snakes? b) What shocked Grandfather in the end? c) Write in brief about the author's friend highlighting his qualities?	3×2 = 6 Marks	Evaluation
8	Keeping pets helps us become more loving and tolerant. It also helps us respect life in any form. Do you agree? Answer in about 80-100 words.	3 Marks	Communication Skills



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**CLASS – VII**  
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**WORKSHEET (SELF –ASSESSMENT)**



**Subject: Hindi**

**Assignment No. : 7**

**Allotment Date: 15 January 2023**

क्रम सं.	प्रश्न	अंक	प्रकृति
1.	निम्न शब्दों के अर्थ लिखिए- अंश, अहमियत, मायूसी, कृत्रिम, कद्र, लायक, अनुमान, आरंभ, अतिथि, जुटाना	5	Informative Communication Skills
2.	निम्नलिखित प्रश्नों के उत्तर दीजिए - (क) किन विशेषताओं के कारण हॉकी भारत का राष्ट्रीय खेल माना जाता है? (ख) साक्षात्कार पढ़कर आपके मन में धनराज पिल्लै की कैसी छवि उभरती है? वर्णन कीजिए। (ग) अनुमानित बजट को गहराई से पढ़ने के बाद आश्रम के उद्देश्यों और कार्यप्रणाली के बारे में क्या-क्या अनुमान लगाए जा सकते हैं?	6	Critical Thinking and Problem Solving
3.	निम्नलिखित विषयों में से किसी एक विषय पर लगभग 100-150 शब्दों में निबंध लिखिए। (क) गणतंत्र दिवस (ख) राष्ट्रपिता महात्मा गांधी	4	Interdisciplinary
4.	निम्नलिखित विषयों में से किसी एक विषय पर लगभग 50 शब्दों में संवाद लिखिए। (क) यात्री तथा बस कंडक्टर के बीच संवाद। (ख) कपड़े खरीदने के संबंध में ग्राहक और दुकानदार का संवाद।	4	Understanding
5.	नीचे दिए गए चारों चित्रों के आधार पर पूरी कहानी लिखिए एवं बताइए कि कहानी से क्या शिक्षा मिलती है?	5	Evaluation



6. (क) उत्तरा कौन थी? उसके पुत्र का क्या नाम था?  
 (ख) दुर्योधन का वध कैसे और किसने किया?  
 (ग) महाभारत में जीतकर भी युधिष्ठिर दुखी क्यों थे?

6

Analytical



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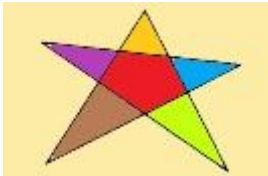
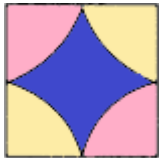


**Subject: Mathematics**

**Assignment No. : 7**

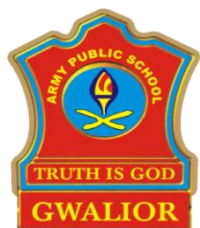
**Allotment Date: 15 January 2023**

S.NO	QUESTIONS	MARKS	NATURE
1	An expression ,which contains two unlike terms, is known as a) Monomial b) Binomial c) Polynomial d) Single term	1	Informative
2	The terms having different algebraic factors are known as a).Like terms b).Unlike terms c).Constant d).Variable	1	Informative
3	The algebraic expression of the statement $\bar{\text{product of numbers a and b}}$ subtracted from $7\bar{\text{ is}}$ a) $ab - 7$ b) $7 - ab$ c) $ab$ d) $7ab$	1	Understanding
4	If $x = 3$ then the value of $2x + 4$ is a) 6 b) 10 c) 12 d) 13	1	Evaluate
5.	An example of a pair of like terms is a) $7x, 12y$ b) $7xy, -8xy$ c) $16x, 18y$ d) $4a, 7ab$	1	Information

6	<p>Express 512 as a power of 2</p> <p>a) <math>2^7</math> b) <math>2^8</math> c) <math>2^9</math> d) <math>2^{10}</math></p>	1	Analytical
7	<p>The algebraic expression <math>xy</math> is</p> <p>a) Monomial b) Trinomial c) Binomial d) Quadrinomial</p>	1	Information
8	<p>Subtract <math>12xy</math> from <math>-5xy</math></p> <p>a) <math>14x</math> b) <math>10xy</math> c) <math>-17xy</math> d) <math>17xy</math></p>	1	Analytical
9	<p>Which English alphabet has no line of symmetry.</p> <p>a) A b) P c) M d) B</p>	1	Information
10	<p>Equilateral triangles has how many lines of symmetry</p> <p>a) 3 b) 4 c) 5 d) 6</p>	1	Understanding
11	<p>Give the order of rotational symmetry of each of the following figures.</p> <p>(i)  (ii) </p>	2	Analytical

12	<p>If <math>p = 3</math>, <math>q = 2</math> then the value of <math>p^2 - 2pq + q^2</math></p> <p>a) 1 b) 2 c) 3 d) 4</p>	2	Evaluate
13	<p>The sum of two algebraic expressions is <math>2m^2 + 3mn</math>. If one of them is <math>m^2 + n^2 + mn</math>, then the other expression is</p> <p>a) <math>m^2 - n^2 + 2mn</math> b) <math>m^2 - n^2</math> c) <math>m^2 + n^2</math> d) <math>m^2 + n^2 + 2mn</math></p>	2	Analytical
14	Express the number in standard form 5397428	2	Analytical
15	Express 216 as power of prime numbers	2	Analytical
16	<p>Find the value</p> <p>(i) <math>(9)^{12} \div (9)^5</math> (ii) <math>(3)^6 - (2)^5</math></p>	2	Evaluate
17	<p>Simplify and write the answers in exponential form</p> <p>(i) <math>(5^5 \div 5^3) \times 5^1</math> (ii) <math>(4^2)^3 \div 4^4</math></p>	2	Analytical

<b>18</b>	Convert into positive power and then solve $(5/6)^{-2} \times (5/6)^{-4}$	<b>3</b>	<b>Problem solving</b>
<b>19</b>	Using laws of exponents simplify $(a^5 \times b^3 \times b^6) \div (a^2b^2)$	<b>3</b>	<b>Problem solving</b>



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS – VII**  
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**WORKSHEET (SELF –ASSESSMENT)**



Subject: Science

Assignment No. : 7

Allotment Date: 15 January 2023

S.NO	QUESTIONS	MARKS	SKILLS/ COMPETENCIES
1	A. What is an electric circuit? Explain with the help of a diagram. B. State two important uses of electromagnets.	3 3	Analysis
2.	1. Explain why there is growing demand to ban polythene. 2. Write the differences between sandy soil and clayey soil.	3 3	Observation
3.	1. What is sludge? Explain how it is treated. 2. What do you understand by the terms soil profile and soil erosion?	5 2	Communication skill
4.	1. Draw symbols for some electric components. 2. What type of toilets are used in aeroplane?	4 2	Inferring
5.	(a) Razia conducted an experiment in the field related to the rate of percolation. She observed that it took 40 minutes for 200 ml of water 2 percolates through the soil		



	<b>sample. Calculate the rate of percolation.</b>	<b>5</b>	<b>Higher order thinking</b>
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**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS – VII**  
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**WORKSHEET (SELF –ASSESSMENT)**



Subject: Social Science

Assignment No. : 7

Allotment Date: 15 January 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	<b>Q1. Objective type questions</b> <b>Fill in the blanks and rewrite the sentences.</b> i) _____ is the largest cloth market in the world. ii) <b>Bharatpur fort was situated in _____.</b> iii) _____ are defined as the places where trees are the main type of vegetation. iv) <b>Third battle of Panipat did take place in _____.</b> v) <b>The position of Jagat Seth during the rule of Alivardi Khan was _____.</b> vi) _____ sell his goods to abroad. vii) _____ percent area of earth is covered with <b>grassland.</b> viii) Nadir Shah was ruler of _____.	8	Information and Understanding
2	Write a short note on Maratha Kingdom.	3	HOTS
3	Who founded Khalsa and when? Describe	3	Analytical Skill
4	Briefly write about Swapna as a farmer in Kuraool?	3	Communication Skills
5	Name various grasslands along with their areas.	5	Critical Thinking and Problem Solving
6	Give an account of the cloth market of Erode.	5	Interdisciplinary
7	<b>On an outline map of North America, mark</b> The Rocky mountains The Great Lakes Mississippi river	3	Evaluation



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**WORKSHEET (SELF –ASSESSMENT)**



Subject: Sanskrit

Assignment No. : 7

Allotment Date: 15 January 2023

S. NO.	QUESTIONS	Marks	Skills/ Competencies
1	शब्दानाम् अर्थान् लिखत- निर्मान्ति, सर्वकाराय, सेतुः, नदति, सलिले ।	1x5=5	Information
2	कोष्ठकेभ्यः समुचितपदानि चित्वा रिक्तस्थानानि पूरयत-  (क) अहं प्रातः ..... सह भ्रमणाय गच्छामि (पित्रा/पितुः)  (ख) बाला आपणात् ..... फलानि आनयति। (भ्रातुः/भ्रात्रे)  (ग) कर्मकराः सेतोः निर्माणस्य ..... भवन्ति। (कर्तारम्/कर्तारः)  (घ) मम ..... तु एतेषां प्रश्नानाम् उत्तराणि अददात्। (पिता/पितरः)  (ङ) तव ..... कुत्र जीविकोपार्जनं कुरुतः?	1x5=5	Memory Skill

	(भातरः/भातरौ)																										
3	<p>रेखाङ्कितानि पदानि अधिकृत्य प्रश्ननिर्माणं कुरुत-</p> <p>(क) सलिले नौका सेलति।  (ख) पुष्पेषु चित्रपतङ्गाः ड्यन्ते।  (ग) उष्ट्रः पृष्ठे भारं वहति।  (घ) धावनसमये अश्वः किमपि न खादति।  (ङ) जनाः सर्वकाराय देशस्य विकासार्थं धनं ददति।</p>	1x5=5	Understanding																								
4	<p>विलोमपदानि मेलयत-</p> <p>मन्दम्            नूतनम्  नीचैः            स्निग्धम्  कठोरः           पर्याप्तम्  पुरातनम्       उच्चैः  अपर्याप्तम्   क्षिप्रम्</p>	1x5=5	Thinking skill																								
5	<p>उदाहरणानुसारं पदानां विभक्तिं वचनञ्च लिखत-</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">पदानि</th> <th style="text-align: left;">विभक्तिः</th> <th style="text-align: left;">वचनम्</th> </tr> </thead> <tbody> <tr> <td>यथा-</td> <td>षष्ठी</td> <td>एकवचनम्</td> </tr> <tr> <td>पितुः</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>दातारौ</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>सवितरि</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>भ्रात्रा</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>पुष्पेषु</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>प्रीत्यै</td> <td>.....</td> <td>.....</td> </tr> </tbody> </table>	पदानि	विभक्तिः	वचनम्	यथा-	षष्ठी	एकवचनम्	पितुः	.....	.....	दातारौ	.....	.....	सवितरि	.....	.....	भ्रात्रा	.....	.....	पुष्पेषु	.....	.....	प्रीत्यै	.....	.....	1x5=5	Memory skill
पदानि	विभक्तिः	वचनम्																									
यथा-	षष्ठी	एकवचनम्																									
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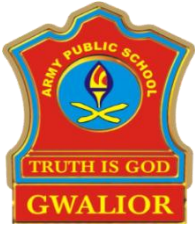
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चित्रं दृष्ट्वा संस्कृते पञ्च वाक्यानि रचयत-



1x5=5

Analytical Skill



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**WORKSHEET (SELF –ASSESSMENT)**







Subject: G.K

Assignment No. : 4

Allotment Date: 15 January 2023

S.NO	QUESTIONS	MARKS	Nature
		20	
1.	<p><b>Answer the following Questions</b></p> <p><b>A. Name the mascot for the Tokyo Olympic 2020? ( _____ )</b></p> <p><b>B. Mirabai Chanu and Neeraj Chopra is related to which games? 1</b></p> <p><b>Fill in the blanks with the origin language.</b></p> <p><b>A. Piazza ( _____ )</b></p> <p><b>B. Ninja ( _____ )</b></p> <p><b>C. Macho ( _____ )</b></p> <p><b>D. History ( _____ )</b></p>	4x1=04	Information
		4	
4.	<p><b>Identify the given pictures of the following film director.</b></p>	4x1=04	Evaluation

	<p>1.  _____</p> <p>2.  _____</p> <p>3.  _____</p> <p>4.  _____</p>		
4.	<p><b>Write the full form of the following abbreviation.</b></p> <p>1. UEFA _____</p> <p>2. ISRO _____</p> <p><b>Describe any two :</b></p> <p>Forbes</p> <p>India today</p> <p>Time</p>	<p>4x1=04</p> <p>4</p>	<p><b>Communication Skills</b></p>



**ARMY PUBLIC SCHOOL GWALIOR**  
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**Subject: Artificial Intelligence**

**Assignment No. : 4**

**Allotment Date: 15 January 2023**

S. NO.	QUESTIONS	MARKS	NATURE
1.	Choose the correct answer.		
A)	What does the abbreviation HTML stand for? a. HyperText Markup Language b. HighText Markup Language c. HyperText Markdown Language. d. None of the above.	1	Understanding
B)	How many sizes of headers are available in HTML by default? a. 5 b. 1 c. 3 d. 6	1	Understanding
C)	What is the smallest header in HTML by default? a. H1 b. H2 c. H6 d. H4	1	Understanding
D)	HTML files are saved by default with the extension? a. .html b. .ht c. .h d. None of the above	1	Understanding
2.	State whether these statements are true or false.		



<b>A)</b>	We enclose HTML tags within {}.	<b>1</b>	<b>Analytical Thinking</b>
<b>B)</b>	<b> tag is used to change the font size?	<b>1</b>	<b>Understanding</b>
<b>C)</b>	<i> tag is used to make the font bold?	<b>1</b>	<b>Understanding</b>
<b>3.</b>	<b>Fill in the blanks.</b>		
<b>A)</b>	..... tag is called the root element of an HTML document.	<b>1</b>	<b>Understanding</b>
<b>B)</b>	.....tag is used to write a paragraph.	<b>1</b>	<b>Understanding</b>
<b>C)</b>	Title tag is placed inside ..... tag.	<b>1</b>	<b>Understanding</b>



**ARMY PUBLIC SCHOOL GWALIOR**  
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**Subject: Music / Dance**

**Assignment No. : 4**

**Allotment Date: 15 January 2023**

<b>S. No</b>	<b>Answer the following questions:</b>	<b>Marks</b>	<b>Skills</b>
1.	What is the singing time of yaman raaga? a. Evening time B. morning time	1	Informative
2.	What is the baadi swar in raag yaman ? a. Gandhar(Ga) b. Nishad (Ni)	1	Informative
3.	How many parts in keharwa taal? a. 2 b. 4	1	Informative
4.	What is north Indian classical music known as? a. Hindustani b. Carnatic	1	Informative
5.	How many matras in keharwa taal? a.10 b.8	1	Informative
6.	Which instrument is avnadhya vadya? a. Damru b. Flute	1	Informative
7.	Who is the king of Dance? a. Natraj ,shiva b. Lord Vishnu	1	Informative
8.	What is lasya nritya? a. Classical dance b. Folk dance	1	Informative

9.	Which type of instrument is shankh? a. Shushir b. string	1	Informative
10.	What is kavitya? a. Bol of tabla/pakhawaj b. Musical lyrics	1	Informative



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**Subject: Art and Work Education**

**Assignment No. : 4**

**Allotment Date: 15 January 2023**

<b>S.NO</b>	<b>QUESTIONS</b>	<b>MARKS</b>	<b>SKILLS/ COMPETENCIES</b>
1	<b>Make a Still life (Pencil Shading)</b>  <b>Size – 20×24 inches</b>	<b>5</b>	Creative Skills
2	<b>Make a Card (Warli Art ) With paper bag</b>  <b>Size – 15×20 inches</b>	<b>5</b>	



**ARMY PUBLIC SCHOOL GWALIOR**  
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**WORKSHEET (SELF –ASSESSMENT)**



**Subject: Health and Physical Education**

**Assignment No. : 4**

**Allotment Date: 15 January 2023**

<b>S.NO</b>	<b>QUESTIONS</b>	<b>MARKS</b>	<b>SKILLS/ COMPETENCIES</b>
<b>1.</b>	<p><b>Tick The Correct Answer</b></p> <p>Q-1 How is scoring a point usually called?</p> <p>A) The basket</p> <p>B) Touchdown</p> <p>C) Sprints</p> <p>D) Walking</p> <p>Q-2 How many players form the basketball team along with substitutes.</p> <p>A) 7</p> <p>B) 5</p> <p>C) 12</p> <p>D) 9</p> <p>Q-3 Essential equipment of basketball is?</p> <p>A) shoes and shirt</p>	<b>4</b>	<b>Dribbling and Shooting</b>

	<p>b) ball and court</p> <p>B) table and board</p> <p>D) bottle</p> <p>Q-4 Dribbling of basketball is done while</p> <p>A) Running</p> <p>B) Walking</p> <p>C) Throwing</p> <p>D) Jumping</p>		
2	<p><b><u>Fill in the blanks</u></b></p> <p>Q 5 _____ Asana is used for improving concentration.</p> <p>A) Cobra B) Tree pose</p> <p>Q 6 Sanbontsuki is name of ____ punch?</p> <p>A) Double punch B) Triple punch</p> <p>Q 7 Measurement of basketball court is _____.</p> <p>A) 15/28m B) 20/40m</p>	3	Sanbontsuki
3	<p><b><u>True False</u></b></p> <p>Q-8- The basketball is played on field.</p> <p>A. True</p> <p>B. False</p> <p>Q-9 Does Pranayam benefits our Lungs?</p> <p>C. True</p> <p>D. False</p>	3	Pranayam

	<p>Q-10 We use step punch in Kumite.</p> <p><b>E.</b> True</p> <p><b>F.</b> False</p>		
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**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS – VII**  
**ACADEMIC SESSION 2022-23**  
**WORKSHEET (SELF –ASSESSMENT)**

Subject: Computer

Assignment No. : 4

Allotment Date: 15 January 2023

S. No.	Questions	Marks	Nature
1	<p>Tick The Correct Answer</p> <ol style="list-style-type: none"><li>A software that installs on our computer without our consent is _____<ol style="list-style-type: none"><li>cookie</li><li>spyware</li><li>keylogger</li></ol></li><li>_____ are irritating while web browsing and can also install viruses on our computer.<ol style="list-style-type: none"><li>Antivirus</li><li>Pop-up Ads</li><li>Vulnerabilities</li></ol></li><li>_____ is a small text message that a browser saves to keep track of websites.<ol style="list-style-type: none"><li>Virus</li><li>Junk</li><li>Cookie</li></ol></li><li>_____ is a harassment that takes place using technology.<ol style="list-style-type: none"><li>Cyberbullying</li><li>Vulnerability</li><li>Pop-up Ad</li></ol></li><li>_____ is the art of convincing people to reveal confidential information.<ol style="list-style-type: none"><li>Phishing</li><li>Spam</li><li>Social engineering</li></ol></li></ol>	5x 1/2=2.5	Information
2	<p>Write 'T' for True and 'F' for False statements.</p> <ol style="list-style-type: none"><li>Internet is one of the largest networks that links millions or trillions of computers.</li><li>We should never click on links in email messages, even if we know the sender.</li><li>Vulnerabilities are flaws in computer software that weaken the security of computer.</li><li>Spam involves sending important messages to a large number of recipients.</li><li>We should click on 'yes' when our web browser asks to remember the password.</li></ol>	5 x 1/2=2.5	Understanding
3	<p>Answer the following question:-</p> <ol style="list-style-type: none"><li>What is Cyberbullying?</li><li>What is Social engineering?</li></ol>	2 x 2.5 =5	HOT



