ARMY PUBLIC SCHOOL GWALIOR
CLASS - X
ACADEMIC SESSION 2024-25
WORKSHEET (SELF –ASSESSMENT)

Subject: English **Assignment No. : 5**
Allotment Date: 31 October 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	Artificial Intelligence (AI) has emerged as one of the most transformative technologies of the 21st century, revolutionizing various aspects of our lives from healthcare to transportation, finance to entertainment. At its core, AI refers to the simulation of human intelligence processes by machines, encompassing activities such as learning, reasoning, and problem-solving. One of the most significant impacts of AI lies in its ability to augment human capabilities across diverse domains. In healthcare, AI-powered diagnostic tools can analyze medical images with remarkable accuracy, aiding clinicians in early disease detection and treatment planning. Similarly, in finance, AI algorithms analyze vast amounts of data to identify trends and patterns, informing investment decisions and risk management strategies. Moreover, in education, personalized learning platforms leverage AI to tailor education content to individual students' needs, enhancing learning outcomes. However, along side its transformative potential, AI also raises ethical and societal concerns. One pressing issue is job displacement due to automation. As AI technologies automate routine tasks, there's a growing concern about the future of work and the potential widening of socioeconomic inequalities . Addressing these challenges requires proactive efforts to retrain and upskill the workforce, ensuring that individuals can adapt to the changing labour market dynamics. Furthermore, the ethical implications of AI extend beyond employment to issues such as bias and privacy. AI systems are only as unbiased as the data they're trained on, raising concerns about algorithmic fairness and discrimination. Moreover, the widespread collection and analysis of personal data by AI systems raise privacy concerns, necessitating robust regulations and frameworks to safeguard individuals' rights. In addition to ethical considerations, the rapid advancement of AI also poses existential risks. As AI systems become increasingly sophisticated, questions about control and autonomy arise. Ensuring that AI remains aligned with human values and goals is crucial to prevent unintended consequences or the emergence of super intelligent systems beyond human control. Despite these challenges, the potential benefits of AI are vast, provided that it's developed and deployed responsibly. Collaborative efforts between policymakers, technologists, and ethicists are essential to establish guidelines and regulations that promote the ethical and responsible development of AI. In conclusion, Artificial Intelligence holds immense promise to transform society positively, empowering individuals and organizations to tackle	10	Information

complex challenges. However, realizing this potential requires navigating ethical dilemmas, addressing societal concerns, and ensuring that AI remains aligned with human values. By fostering collaboration and innovation, we can harness the power of AI to create a more prosperous and equitable future for all.

1. What is the primary definition of Artificial Intelligence (AI) in the passage?
   a) The simulation of human emotions by machines
   b) The simulation of human intelligence processes by machines
   c) The creation of robots that can think for themselves
   d) The development of advanced computer hardware

2. Describe the use of AI in various domains.

3. Which ethical concern is NOT mentioned in the passage regarding AI?
   a) Job displacement
   b) Bias in algorithms
   c) Data privacy
   d) Climate change

4. What is one suggested solution to address job displacement due to AI?
   a) Implementing stricter regulations on AI development
   b) Ignoring the issue and letting the market adjust naturally
   c) Retraining and upskilling the workforce
   d) Banning AI technology altogether

5. How can society proactively address job displacement caused by AI automation to prevent widening socioeconomic inequalities, and what role do retraining and upskilling play in this process?

6. Which term best describes the overall tone of the passage towards AI?
   a) Optimistic
   b) Pessimistic
   c) Neutral
   d) Critical

7. What does the passage suggest is necessary to prevent unintended consequences of AI?
   a) Halting all AI research and development
   b) Establishing guidelines and regulations
   c) Promoting AI without considering ethical implications
   d) Outsourcing AI development to other countries

8. Which statement best summarizes the passage's stance on the potential benefits of AI?
   a) AI has no potential benefits and should be avoided.
   b) The potential benefits of AI are vast, but they come with significant risks.
   c) AI has the potential to solve all societal problems effortlessly.
   d) AI benefits are limited and not worth pursuing.

9. What does the passage suggest about the role of collaboration in AI development?

a) Collaboration is unnecessary and hinders progress.
b) Collaboration is essential for responsible AI development.
c) Collaboration only benefits large corporations.
d) Collaboration is too complex to achieve effectively.

10. What is the main message conveyed by the passage?
a) AI is perfect and has no flaws.
b) AI is a threat to humanity and should be stopped.
c) AI has the potential for significant benefits but requires ethical and responsible development.
d) AI development should be left entirely to technologists without any regulation or oversight.

| 2 | Read the following extracts carefully and answer the questions that follow— | 4 | Understanding |

The Trees

"The trees inside are moving out into the forest,

the forest that was empty all these days

where no bird could sit

no insect hide

no sun bury its feet in shadow

the forest that was empty all these nights

will be full of trees by morning."

1: Why is the forest empty?

(i) the humans have destroyed the forests for building cities and other uses

(ii) the birds have flown away to other places

(iii) there are animals in the forest

(iv) the trees are being shifted to the nearby forest

2: `No sun bury its feet in the shadow', explain this line.

(i) The sun was shining very brightly but there were no shadow of objects.

(ii) The sun was shadowed by the cloud.

(iii) Sunlight could directly reach the ground as there were no trees.

(iv) The sun was about to set behind the cloud.

3: What cannot happen in a treeless forest?

(i) the sun cannot shine brightly.

(ii) the sun can shine brightly.

(iii) there will be no rains.

(iv) no birds can make their nests.

4: How will the empty forest be full of trees by morning?

(i) The poet is planning to plant many trees, throughout the night

	(ii) The magic of God will fill these trees with forests.		
	(iii) The plants in the jungle will grow into trees.		
	(iv) The poet imagines the trees in the houses will move into the empty forest to settle there forever		
3	Answer the following questions in 30- 40 words: i) Why did Griffin not get a suitable house to live in? ii) The people of Coorg have a tradition of courage and bravery. How has it been recognized in modern India?	2x3=6	Evaluation

4	1. Choose the correct option to complete the given sentence.
	   Can you give me ------------------------------book please?
	   a) some b) a c) the d) an
	2. Find the error in the given sentence and choose the correct option-
	The team's ebullient spirit were evident in their enthusiastic performance.
		2	Interdisciplinary

5	1. Change the following sentence into indirect speech
	    "I will help you with your home work, "she said to me.
	
	 a) She said to me that I will help her with her homework.
	 b) She told that she would help me with my homework.
	 c) She told me that she will help me with my homework.
	 d) She told me that I would help her with my homework.
	
	2. Complete the given narrative by filling in the blank with the correct option.
	
	  We -------------------------------- going to this club every week since it started.
	a) have been
	b) has been
	c) had been
	d) was been
		2	Analytical skill

6	Rita and Rohan had a conversation about how they spent their summer vacation. Report Rohan's question. Did you visit any new place? a) Rohan asked Rita if they had visited any new place. b) Rohan asked Rita if they have visited any new place. c) Rohan asked Rita if she had visited any new place. d) Rohan asked Rita if she has visited any new place	1	Problem Solving

In question 4, the table below part 2 reads:

OPTION	ERROR	CORRECTION
A	were	Was
B	were	are
C	their	his
D	the	a

7	Answer the following questions in 100-120 words. Imagine you have spent your summer vacations with your friend, Pranjol's family amongst tea gardens in Assam. Write a diary entry regarding your impressions about the visit	5	HOT
8	A recent study examined the relationship between participation in extracurricular activities and academic performance among class 10 students. The table below presents the average test scores in different subjects for students involved in extracurricular activities and those who are not. Summarise the information by analysing and make comparison where relevant in a paragraph in 120-150 words. <table><tr><td>Subject</td><td>Average Score(Participants)</td><td>Average Score(Non-Participants)</td></tr><tr><td>Mathematics</td><td>85%</td><td>78%</td></tr><tr><td>Science</td><td>88%</td><td>82%</td></tr><tr><td>English</td><td>90%</td><td>85%</td></tr></table>	5	Critical Thinking
9	You are Pragya/Pratik of 24/7, Mall Road, Darjeeling. Write a letter in 100-120 words to the Editor of the Daily Newspaper expressing your views on: 21st-century skills, the need of the hour.	5	Communic ational Skill

Subject: Hindi   **Assignment No. : 5**
Allotment Date: 31 October 2024
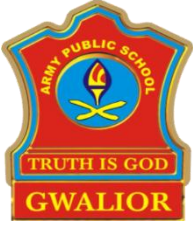
S.NO	QUESTIONS	MARKS	NATURE
01	**निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़िए और पूछे गए प्रश्नों के उत्तर गद्यांश के आधार पर लिखिए-** राष्ट्र केवल ज़मीन का टुकड़ा ही नहीं बल्कि हमारी सांस्कृतिक विरासत होती है जो हमें अपने पूर्वजों से परंपरा के रूप में प्राप्त होती है। जिसमें हम बड़े होते हैं, शिक्षा पाते हैं और साँस लेते हैं-हमारा अपना राष्ट्र कहलाता है और उसकी पराधीनता व्यक्ति की परतंत्रता की पहली सीढ़ी होती है। ऐसे ही स्वतंत्र राष्ट्र की सीमाओं में जन्म लेने वाले व्यक्ति का धर्म, जाति, भाषा या संप्रदाय कुछ भी हो, आपस में स्नेह होना स्वाभाविक है। राष्ट्र के लिए जीना और काम करना, उसकी स्वतंत्रता तथा विकास के लिए काम करने की भावना राष्ट्रीयता कहलाती है। जब व्यक्ति किसी दूसरे व्यक्ति से धर्म, जाति, कुल आदि के आधार पर व्यवहार करता है तो उसकी दृष्टि संकुचित हो जाती है। राष्ट्रीयता की अनिवार्य शर्त है-देश को प्राथमिकता, भले ही हमें 'स्व' को मिटाना पड़े। महात्मा गांधी, तिलक, सुभाषचन्द्र बोस आदि के कार्यों से पता चलता है कि राष्ट्रीयता की भावना के कारण उन्हें अनगिनत कष्ट उठाने पड़े किंतु वे अपने निश्चय में अटल रहे। व्यक्ति को निजी अस्तित्व कायम रखने के लिए पारस्परिक सभी सीमाओं की बाधाओं को भुलाकर कार्य करना चाहिए तभी उसकी नीतियाँ-रीतियाँ राष्ट्रीय कही जा सकती हैं। जब-जब भारत में फूट पड़ी, तब-तब विदेशियों ने शासन किया। चाहे जातिगत भेदभाव हो या भाषागत-तीसरा व्यक्ति उससे लाभ उठाने का अवश्य यत्न करेगा। आज देश में अनेक प्रकार के आंदोलन चल रहे हैं। कहीं भाषा को लेकर संघर्ष हो रहा है तो कहीं धर्म या क्षेत्र के नाम पर लोगों को निकाला जा रहा है जिसका परिणाम हमारे सामने है। आदमी अपने अहं में सिमटता जा रहा है। फलस्वरूप राष्ट्रीय बोध का अभाव परिलक्षित हो रहा है- प्रश्नः1.गद्यांश का उचित शीर्षक लिखिए। प्रश्नः2.'स्व' से क्या तात्पर्य है ?	6	Understanding

	प्रश्न:3.आशय स्पष्ट कीजिए-"राष्ट्र केवल ज़मीन का टुकड़ा ही नहीं बल्कि हमारी सांस्कृतिक विरासत भी है।" प्रश्न:4.राष्ट्रीयता से लेखक का क्या आशय है ? गद्यांश में चर्चित दो राष्ट्रभक्तों के नाम लिखिए। प्रश्नः 5.राष्ट्र के उत्थान में व्यक्ति का क्या स्थान है? उदाहरण सहित लिखिए।		
02	दिए गए संकेत बिंदुओं के आधार पर लगभग 100 -120 शब्दों में अनुच्छेद लिखिए	विषय - सुरक्षा का आवरण : ओजोन अथवा पृथ्वी का रक्षक : अदृश्य ओजोन • ओजोन परत क्या है? • मनुष्य की प्रगति और ओजोन परत • ओजोन नष्ट होने का कारण • ओजोन बचाएँ जीवन बचाएँ।	6	Understanding
03	अपनी शैक्षिक एवं अन्य उपलब्धियों का उल्लेख करते हुए अपने विद्यालय के प्रधानाचार्य को 100 शब्दों में प्रार्थना-पत्र लिखिए जिसमें छात्रवृत्ति देने का उल्लेख किया गया हो।	5	Communication
04	आप यमुना पब्लिक स्कूल में हिंदी विभाग के सचिव हैं| आपके विद्यालय में आयोजित दोहा गायन प्रतियोगिता के लिए विद्यार्थियों को आमंत्रित करते हुए एक सूचना तैयार कीजिए		4	HOTS
05	आप ग्रीन वेल अपार्टमेंट, द्वारका में रहते हैं। आपके इलाक़े में एक सीवर टूट गया है जिसके कारण नाले का गंदा पानी सड़क पर आ गया है। ज्यादा गंदा फैल रहा है। सीवर की मरम्मत करवाने हेतु निगम अधिकारी को cdaf@eafg.com पर ईमेल लिखिये।	5	Analytical Skills
06	दिए गए मुहावरों का वाक्यों में प्रयोग करिए	 i फूटी आँख न सुहाना – ii कलेजा ठंडा होना – iii तराजू पर तौलना – iv गले का हार होना – v कान पर जूँ न रेंगना -	5	Critical Thinking and Problem Solving

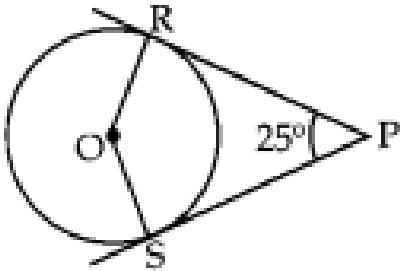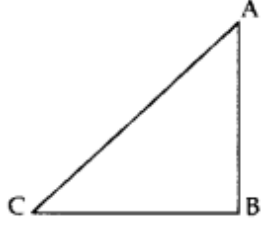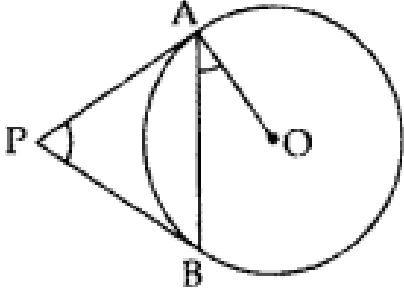| 07	**निम्नलिखित प्रश्नों के उत्तर दीजिए|-**	9	Evaluation
	1'शेख अयाज़ के पिता अपने बाज़ू पर काला च्योंटा रेंगता देख भोजन छोड़कर क्यों उठ खड़े हुए?		
	2.कवि ने "पर्वत प्रदेश में पावस" कविता में पहाड़ और तालाब की तुलना किससे की है?		
	3. तोप' कविता द्वारा कवि क्या संदेश देना चाहता है? स्पष्ट कीजिए|		
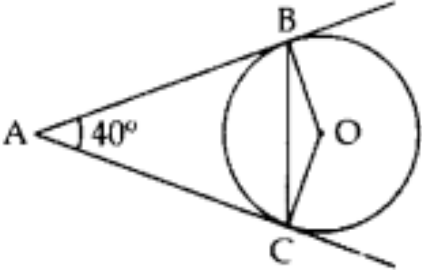
Subject: Mathematics   **Assignment No. : 5**
Allotment Date: 31 October 2024

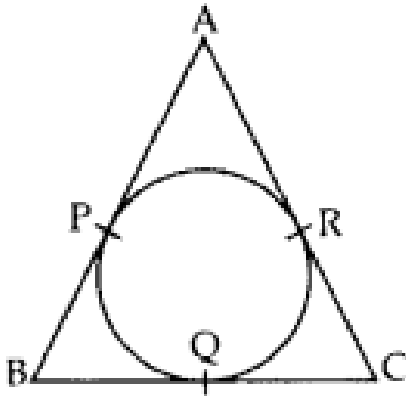| S. NO.	QUESTIONS	MARKS	NATURE
1	The angle of elevation of the top of a building from a point on the ground, which is 30 m away from the foot of the building, is 30°. The height of the building is: (a) 10 m (b) 30/√3 m (c) √3/10 m (d) 30 m	1	Understanding
2	If a tower 6m high casts a shadow of 2√3 m long on the ground, then the sun's elevation is: (a) 60°(b) 45°(c) 30°(d) 90°	1	Understanding
3	The angle of elevation of the top of a building 30 m high from the foot of another building in the same plane is 60°, and also the angle of elevation of the top of the second tower from the foot of the first tower is 30°, then the distance between the two buildings is: (a) 10√3 m(b) 15√3 m(c) 12√3 m(d) 36 m	1	Evaluation
4	The angle formed by the line of sight with the horizontal when the point is below the horizontal level is called: (a) Angle of elevation(b) Angle of depression (c) No such angle is formed(d) None of the above	1	Application
5	From a point on the ground, which is 15 m away from the foot of the tower, the angle of elevation of the top of the tower is found to be 60°. The height of the tower (in m) standing straight is: (a) 15√3(b) 10√3(c) 12√3(d) 20√3	1	AnalyticalThinking
6	If angle between two radii of a circle is 130º, then the angle between the tangents at the ends of the radii is:	1	Analytical Thinking

	(a) 90º (b) 50º (c) 70º (d) 40º		
7	The length of tangent from an external point P on a circle with centre O is (a) always greater than OP (b) equal to OP (c) always less than OP (d) information insufficient	1	Application
8	The distance between two parallel tangents of acircle of radius 4 cm is (a) 2 cm(b) 4 cm(c) 6 cm(d) 8 cm	1	Analytical Thinking
9	In the given figure, if ZRPS = 25°, the value of ZROS is (a) 135°(b) 145°(c) 165°(d) 155°	1	Evaluation
10	Directions: In the following questions, a statement of assertion (A) is followed by a statement of reason (R). Mark the correct choice as: (a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A). (b) Both assertion (A) and reason (R) are true but reason (R) is not the correct explanation of assertion (A). (C) Assertion (A) is true but reason (R) is false. (d) Assertion (A) is false but reason (R) is true. **ASSERTION (A);** If the ratio of height of a tree and its shadow is 1:1, then angle of elevation o the sun is 45°. **REASON (R);**The angle of elevation and the angle of depression are always acute angles.		
11	A ladder 15 m long just reaches the top of a vertical wall. If the ladder makes an angle of 60° with the wall, then calculate the height of the wall.	2	Competency based
12	In the given figure, a tower AB is 20 m high and BC, its shadow on the ground, is 20√3m long. Find the Sun's altitude.	2	problem solving

13	A ladder, leaning against a wall, makes anangle of 60° with the horizontal. If the foot of the ladder is 2.5 m away from the wall, find the length of the ladder.	2	Analytical Thinking
14	n the given figure, PA and PB are tangents to the circle with centre O. If ∠APB = 60°, then calculate ∠OAB,	2	HOTS
15	In the given figure, AB and AC are tangents to the circle with centre o such that ∠BAC = 40°. Then calculate ∠BOC.	2	Analytical Thinking Problem solving
16	The angles of depression of two ships from the top of a light house and on the same side of it are found to be 45° and 30°. If the ships are 200 m apart, find the height of the light house.	3	Evaluation Problem solving
17	The horizontal distance between two poles is 15 m. The angle of depression of the top of first pole as seen from the top of second pole is 30°. If the height of the second pole is 24 m, find the height of the first pole. [Use√ 3= 1.732]	3	Application
18	In the given figure, a circle touches the side DF of AEDF at H and touches ED and EF produced at K&M respectively. If EK = 9 cm, calculate the perimeter of AEDF (in cm).	3	Problem solving
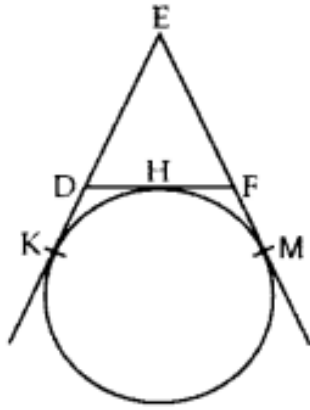
19	In the given figure, the sides AB, BC and CA of a triangle ABC touch a circle at P, Q and R respectively. If PA = 4 cm, BP = 3 cm and AC = 11 cm, find the length of BC (in cm).	3	Critical thinking and Problem solving
20	A group of students of class X visited India Gate on an education trip. The teacher and students had interest in history as well. The teacher narrated that India Gate, official name Delhi Memorial, originally called All-India War Memorial, monumental sandstone arch in New Delhi, dedicated to the troops of British India who died in wars fought between 1914 and 1919. The teacher also said that India Gate, which is located at the eastern end of the Rajpath (formerly called the Kingsway), is about 138 feet (42 metres) in height. 1. What is the angle of elevation if they are standing at a distance of 42m away from the monument? a) 30°b) 45°c) 60°d) 0° 2. They want to see the tower at an angle of 60°. So, they want to know the distance where they should stand and hence find the distance.	1+1+2	Competency based

a) 25.24 mb) 20.12 mc) 42 md) 24.64 m

3. If the altitude of the Sun is at 60°, then find the height of the vertical tower that will cast a shadow of length 20 m.

4. The ratio of the length of a rod and its shadow is 1:1. Then find the angle of elevation of the Sun .

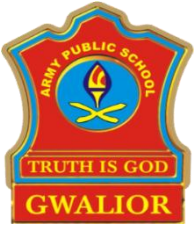| 21 | Two ships are there in the sea on either side of a light house in such a way that the ships and the light house are in the same straight line. The angles of depression of two ships as observed from the top of the light house are 60° and 45°. If the height of the light house is 200 m, find the distance between the two ships. | 5 | HOTS |

ARMY PUBLIC SCHOOL GWALIOR
CLASS - X
ACADEMIC SESSION 2024-25
WORKSHEET (SELF –ASSESSMENT)

Subject: Science   **Assignment No. : 5**
Allotment Date: 31 October 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	Q1. How is the resistivity of alloys compared with those of pure metals from which they may have been formed? Q2. Define melting point. Q3. Define Heredity.	1 1 1	Information
2	Q4. State three laws of inheritance given by Mendel. Q5. List the advantages of connecting electrical devices in parallel with an electrical source instead of connecting them in series. Q6. Explain the use of an electric fuse. What type of material is used for fuse wire and why?	**3** **3** **3**	Understanding
3	Q7. Show how would you join three resistors, each of resistance 9 Ω so that the equivalent resistance of the combination is (i) 13.5 Ω, (ii) 6 Ω Q8. What are the characteristics properties of the particles of matter.	**3** **3**	HOT
4	Q9. Describe how the sex of an offspring is determined in the zygote in human beings. Q10. Calculate the resistance of a metal wire of length 2m and area of cross section 1.55×10^6 m², if the resistivity of the metal be 2.8×10^{-8} Ωm.	**3** **3**	Interdisciplinary
5	Q11. Explain why solids have fixed shape but liquids and gases do not have fixed shapes. Q12. A rubber band is a solid, but it can change its shape. why?	3 3	Analytical Skill
6	Q12. a) List the factors on which the resistance of a conductor in the shape of a wire depends. (b) Why are metals good conductors of electricity whereas glass is a bad conductor of electricity? Give reason. (c) Why are alloys commonly used in electrical heating devices? Give reason.	**5**	Critical Thinking and Problem Solving
7	Q13. How do Mendel's experiments show that traits may be dominant or recessive? Also give the seven contrasting characters studied by Mendel in Garden Pea plant.	**5**	Evaluation

Subject: Social Science   **Assignment No. : 5**
Allotment Date: 31 October 2024

S. NO.	QUESTIONS	MARKS	NATURE
1.	Match the following conditions with the different crops growth: Crop Ideal condition A. Rice (i) Temperature- 25°C, Rainfall- 100 cm-200 cm. B. Wheat (ii) Temperature- 20-25°C, Rainfall- 50 cm-75 cm C. Maize (iii) Temperature- 21-27°C, Rainfall- 50 cm-75 cm D. Pulses (iv) Temperature- 20-25°C, Rainfall- 50 cm-75 cm (A) A-(iii), B-(iv), C-(i), D-(ii) (B) A-(iii), B-(iv), C-(ii), D-(i) (C) A-(i), B-(ii), C-(iii), D-(iv) (D) A-(i), B-(ii), C-(iv), D-(iii)	1	Understanding
2.	**Which of the following statements are true regarding communal politics?** a) State power is used to establish the domination of one religious group over the rest. b) Beliefs of one religion are presented as superior to those of other religions. c) Communal politics is based on the idea that religion is the principal basis of a social community. d) All of the above.	1	Critical Thinking and Problem Solving
3.	Match Column I with Column II and select the correct answer: 	Column I	Column II
---	---
A. Congress party	1.National Democratic Alliance
B. Bharatiya Janata party	2.State party
C. Communist party of India	3.United Progressive Alliance
D. Telugana Rashtra	4.Left Front | (a) A3, B1, C2, D4 (b) A3, B4, C1, D2 (c) A3, B1, C4, D2	1	Understanding

	(d) A4, B3, C1, D2		
4.	Money-lenders usually demand a 'security' from the borrower. What is the formal word used for the 'security', such as land, vehicle, livestock, building, etc.? (a) Deposit (b) Collateral (c) Credit (d) Guarantee	1	Critical Thinking and Problem Solving
5.	People also have the provision to withdraw the money as and when they require the deposits in the bank accounts to be withdrawn, what are these deposits called? (a) Fixed deposits (b) Savings (c) Demand deposits (d) Demand drafts	1	Understanding
6.	Given one point of difference between a pressure group and a political party.	1	Information
7.	Mention any four plantation crops produced in India.	1	Understanding
8.	Mention any two provisions of Indian Constitution which makes India a secular state?	1	Understanding
9.	Modern currency is without any use of its own'; then why is it accepted as a medium of exchange?	1	Critical Thinking and Problem Solving
10.	Which crop is known as golden fibre? What are the Geographical conditions required for its growth?	2	Information
11.	Lack of internal democracy within parties is the major challenge to political parties all over the world". Analyse the statement.	3	HOTS
12.	. How far is it correct to say that it is not politics that gets caste ridden but it is the caste that gets politicised? Justify your statement.	3	Information
13.	Explain any three farming techniques which can be used for soil conservation.	3	Evaluation
14.	What are the challenges faced by democratic governments? Comments OR Explain the dilemma with respect to the practical aspect of democracy.	3	Information

15.	Gender division is not based on Biology but on social expectations and stereotypes'. Support the statement OR How does religion influence the political set up in our country? Explain	5	Analytical Skill
16.	Self-help Groups support has brought about a revolutionary change in the rural sector. Justify your answer with suitable example.	5	HOTS
17.	Assess the importance of political parties in democracy.	5	Information
18.	Read the case given below carefully and answer the questions that follow: Industrial locations are complex in nature. These are influenced by availability of raw material, labour, capital, power and market, etc. It is rarely possible to find all these factors available at one place. Consequently, manufacturing activity tends to locate at the most appropriate place where all the factors of industrial location are either available or can be arranged at lower cost. After an industrial activity starts, urbanisation follows. Sometimes, industries are located in or near the cities. Thus, industrialisation and urbanisation go hand in hand. Cities provide markets and also provide services such as banking, insurance, transport, labour, consultants and financial advice, etc. to the industry. Many industries tend to come together to make use of the advantages offered by the urban centres known as agglomeration economies. Gradually, a large industrial agglomeration takes place. (i) On what factors are the location of the industry dependent on? 1 (ii) What do you understand by agglomeration economies? 1 (iii) How do industrialisation and urbanisation go hand in hand 2	4	Evaluation

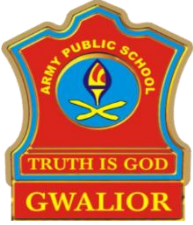| 19. | (Map Work)

a) On the outline map of India locate and label of the following with suitable Symbols.

    A. Largest producer state of sugarcane
    B. Major area of Rice.
b) On the same outline map of India locate and label any TWO of the following with suitable Symbols.

    (i)   Narora nuclear plant
    (ii)   Digboi oil field
    (iii)   Ankaleshwar oil fields | 4 | Information |

Subject: Computer   **Assignment No. : 5**
Allotment Date: 31 October 2024
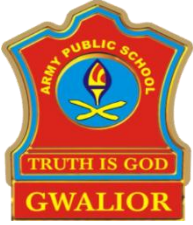
S.NO.	QUESTIONS	MARKS	NATURE
1	Choose and write the correct option (MCQ):- (i). Which tag is used to add a new row to table : (a) <td> (b) <tr> (c) <colspan> (d) <Table> (ii) Increasing the cell padding value will do what? (a) Increase the cell boundary and content (b) Increase the space between cell (c) Decrease the size of the cell (d) None of these (iii) Which tag is used to create a column : (a) <td> (b) <tr> (c) <table> (d) <rowspan> (iv) Which tag defines the header cell of the table:- (a) <td> (b) <tr> (c) <th> (d) <table>.	½ x 4=2	Information
2	Fill in the blanks- (i) ___ tags used to create data cell in a table row. (ii) HTLM stands for _____.	½ x 4=2	Understanding and Problem Solving

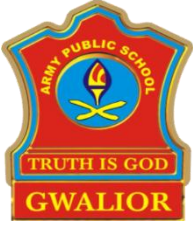|			
	(iii) ____ is the extension of web page. (iv) The background colour of the web page can be set by using the ____ attribute with <body> tag.		

3	Write short notes on following-
	
	     i. HTML
	    ii. HTML table
	   iii. rowspan
	   iv. colspan
		½ x 4=2	Critical Thinking

4	Answer the following questions -
	
	     i. What is the difference between <tr> tag and <td> tag>?
	    ii. What is the difference between cell padding and cell spacing?.
	   iii. Name any two attributes of <TABLE> tag.
	   iv. Name any two attributes of <font> tag.
		1x4= 4	HOT

Subject: Health and Physical Education　　　　**Assignment No. : 5**
Allotment Date: 31 October 2024

S.NO	MULTIPLE CHOICE QUESTIONS(QUESTION 1 TO 4)	MARKS 1X10=10	SKILLS
1.	1. What is the height of goal post in handball? A.3 m. B.4 m. C.2 m. D 1.5 m.	1	Problem-solving
2.	2. What is the duration of match? A 30-10-30 B. 20-10-40 C20-10-25 D 20-10-20	1	Initiative
3.	What is the measurement of goal keeper restriction area? A.　A.4 m B.　9m C.　.7m D.　D 4.5 m	1	Problem-solving
4.	What is the circumference of Handball? A. 58 to 60 cm. B. 40 to 45 cm. C. 55 to 58 cm. D. 35 to 38 cm.	1	Initiative
5.	**Fill in the blanks (question 5 to 7)** Players may only hold onto the ball for__ second. (3 seconds, 4 seconds)	1	Leadership
6.	Penalties are thrown from _____ distance? (7 meters , 6 meters)	1	Thinking
7.	_____width of handball goal post. (2 m., 3m.)	1	Self-regulation
8.	**True & False (question 8 to 10)** Size of handball goal post is 3 m. X 2 m. 　A.　True 　B.　False	1	Initiative
9.	Over arm pass is a terminology of handball. 　A.　True	1	Thinking

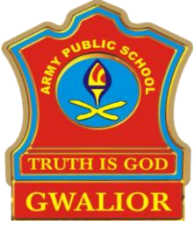|			
	B. False		
10.	Federation of Indiais established in 1976. A. True B. False	1	Problem-solving

ARMY PUBLIC SCHOOL GWALIOR
CLASS - X
ACADEMIC SESSION 2024-25
WORKSHEET (SELF –ASSESSMENT)

Subject: Music (Vocal and Instrumental)   **Assignment No. : 5**
Allotment Date: 31 October 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	What type of song is "God's love is so "? a) Patriotic b) Prayer	1	Informative
2	God's love is____winderful? a) to b) so	1	Informative
3	How many khali are there in jhapTaal? a) 2 b) 1	1	Informative
4	How many counting are there in jhapTaal? a) 10 b) 7	1	Informative
5	How many dividation are there in jhap taal ? a) 3 b) 5	1	Informative
6.	How many tali are there in jhap Taal? a) 3 b) 15	1	Informative
7.	How many parts of Tabla are there? a) Three b) Two	1	Informative
8.	How many counting are there in "waltz beatl"? a) 2 b) 3	1	Informative
9,	Jhaptaal is played with which type music ? a) western music b) Light music	1	Informative
10.	"Waltz"beat is played with which type music ? a) western music b) Light music	1	Informative

Subject: Art Education   **Assignment No. : 5**
Allotment Date: 31 October 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	What is Gond Art? A. Gond art is a form of tribal art B. Gond art is a form of contemporary art. C. Gond art is a form of impressionism art. D. Gond art is a form of pop art.	1 mark	Creative Skills
2	Which state is famous for Gond painting? A. Madhya Pradesh B. West Bengal C. Uttarakhand D. Uttar Pradesh	1 mark	Creative Skills
3	What Colours are used in Gond art? A. Bright colours B. Dark colours C. Secondary colours D. Primary colours	1 mark	Creative Skills
4	Which among these is not a type of Gond style? A. Brilliant hues B. Three-dimensional effect C. Colours derived from natural sources D. Torn texture	1 mark	Creative Skills
5	Who invented Gond art? A. Pablo Picasso B. Gustav Klimt C. Johannes Vermeer D. Jangarh Singh Syam	1 mark	Creative Skills
6.	Which material is not required in Still painting? A. Pencil B. Brushes C. Oil Paints/ Watercolours D. Paper (Canvas/Ivory/Normal drawing paper	1 mark	Creative Skills

7	What is unique about Gond art?
	
	    A. Lines
	
	    B. Balance
	
	    C. Rhythm
	
	    D. Texture
		1 mark	Creative Skills

8	Colours are derived from _____ in Gond art. A. Natural sources B. Man-made sources C. Artificial sources D. None of the above	1 mark	Creative Skills

9	Painting is a traditional art of Madhya Pradesh and belongs to the _____ tribe
	
	    A. Agariya
	
	    B. Andh
	
	    C. Gond
	
	    D. Bhaina
		1 mark	Creative Skills

10	 A B C D	1 mark	Creative Skills

ARMY PUBLIC SCHOOL GWALIOR
CLASS - X
ACADEMIC SESSION 2024-25
WORKSHEET (SELF –ASSESSMENT)

Subject: Dance   **Assignment No. : 5**
Allotment Date: 31 October 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	What does Anjali hasta mudra means in Kathak dance? a) Namaskar b) Nritya	1	Informative
2	Is there a tradition of doing namaskar at the beginning and end of Kathak dance? a) No b)yes	1	Informative
3	In classical dance we pay respect and honour to the almighty,our mentor,Guru,audiences and the stage.yes or no. a) yes b) No	1	Informative
4	what should be perform at the very beginning of kathak dance? a) Namaskar b) Hastamudra	1	Informative
5	How many hands are used to make a sanyukt hastamudra? a) 2 b) 4	1	Informative
6.	In Kathak dance, how many hands are used to make the asanyukt hastamudra ? a) 2 b) 1	1	Informative
7.	What is Bhoomi pranam? a)bhoomi ko pranaam karana b) guru ko pushp arpit karana	1	Informative
8.	we make anjali hasta over the head for_____, in front of face for_____, infront of chest for_____. a) Devta,Guru, badon b) Jal,Hawa,pani	1	Informative
9,	what is the meaning of Pushpanjali? a) Bhagavaan aur guru ko pushp arpit karana b) Deep prajvalit karana	1	Informative
10.	How many measures are there in Teentaal? a) 16 b) 14	1	Informative