



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XI
ACADEMIC SESSION 2025-26
WORKSHEET (SELF –ASSESSMENT)



Subject: English
Allotment Date: 30 November 2025

Assignment No.: 6
Marks-20+20=40

PART 1

BASIC (General Questions)

S. NO.	QUESTIONS	MARKS	NATURE
1	You are Samer/ Sameer of Lotus International School, Jodhpur. Design a poster for your school library on the value of books and good reading habits. You may use slogans.	6	Information
2	The play Mother's Day is a humorous and satirical depiction of the status of the mother in the family. How ?	3	Understanding
3	Mrs Annie Pearson and Mrs Fitzgerald are totally opposite to each other in their attitude . Show the difference in their personalities.	3	Analytical Skills
6	You are Navneet, a member of school Literacy Club, which has organised literacy classes in villages and city slums under the adult education programme . Draft a speech highlighting the importance of educating the illiterates.	1x5=5	Critical Thinking and Problem Solving
7	As a travel agent , draft a suitable advertisement offering attractive prizes.	3	Information

PART II STANDARD (COMPETENCY BASED QUESTIONS)			
1.	Read the following sentences and identify the main clause, subordinate clause , coordinate clause. I. On weekends we can do whatever we want. II. The university where my brother has gone is in Canada. III. I will give you a chocolate if you clean your plate. IV. What she said was sad. V. They are close friends and they travel together. VI. Many of the people who saw the movie were disappointed.	6	Analytical

2.	Mother is the axis around whom the family revolves. Mother should always be respected . Elaborate.	6	Critical Thinking
3.	George was angry that there was no tea even though he didn't want any. What does this reflect about his character ?	2	HOTS
4.	Do you think Mrs Fitzgerald played fairly in exchanging her personality with Anne Pearson? What lesson did Annie teach to her children and husband?	6	Critical Thinking



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WORKSHEET (SELF –ASSESSMENT)



Subject: Hindi
Allotment Date: 30 November 2025

Assignment No.: 6
Marks-20+20=40

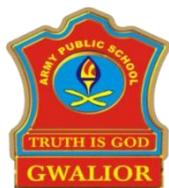
S. NO.	QUESTIONS	MARKS	NATURE
1	<p>निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर दिए गए प्रश्नों के सर्वाधिक उपयुक्त उत्तर वाले विकल्प को चुनकर लिखिए- $10 \times 1 = 10$</p> <p>संसार में दो अचूक शक्तियाँ हैं-वाणी और कर्म। कुछ लोग वचन से संसार को राह दिखाते हैं और कुछ लोग कर्म से। शब्द और आचार दोनों ही महान शक्तियाँ हैं। शब्द की महिमा अपार है। विश्व में साहित्य, कला, विज्ञान, शास्त्र सब शब्द-शक्ति के प्रतीक प्रमाण हैं, पर कोरे शब्द व्यर्थ होते हैं, जिनका आचरण न हो। कर्म के बिना वचन, व्यवहार के बिना वाणी की सिद्धसार्थकता नहीं है। निस्संदेह शब्द-शक्ति महान है, पर चिरस्थायी और सनातनी शक्ति तो व्यवहार है। महात्मा गांधी ने इन दोनों की कठिन और अद्भुत साधना की थी। महात्मा जी का सम्पूर्ण जीवन उन्हीं दोनों से युक्त था। वे वाणी और व्यवहार में एक थे। जो कहते थे, वही करते थे। यही उनकी महानता का रहस्य था। कस्तूरबा ने शब्द की अपेक्षा कृति की उपासना की थी, क्योंकि कृति का उत्तम व चिरस्थायी प्रभाव होता है। 'या' ने कोरी शाब्दिक, शास्त्रीय, सैद्धांतिक शब्दावली नहीं सीखी थी। वे तो कर्म की उपासिका थीं। उनका विश्वास शब्दों की अपेक्षा कर्मों में था। वे जो कहा करती थी उसे पूरा करती थी। वे रचनात्मक कर्मों को प्रधानता देती थी। इसी के बल पर उन्होंने अपने जीवन में सार्थकता और सफलता प्राप्त की थी।</p>	10	Information

	<p>1. वाणी और कर्म कैसी शक्तियाँ हैं?</p> <p>(क) चूक (ख) अचूक (ग) महान् (घ) परम</p> <p>2. लोग किस-किस से संसार को राह दिखाते हैं?</p> <p>(क) वचन (ख) कर्म (ग) प्रतिष्ठा (घ) (क) व (ख) दोनों</p> <p>3. निम्नलिखित कथनों पर विचार कीजिए-</p> <p>कथन (i): विश्व साहित्य, कला को श्रवण के प्रतीक प्रमाण मानता है।</p> <p>कथन (ii): विश्व साहित्य, कला को वाक्य शक्ति के प्रतीक प्रमाण मानता है।</p> <p>कथन (iii): विश्व साहित्य, कला को वर्ण शक्ति के प्रतीक प्रमाण मानता है।</p> <p>कथन (iv): विश्व साहित्य, कला को शब्द शक्ति के प्रतीक प्रमाण मानता है।</p> <p>गद्यांश के अनुसार कौन-सा/से कथन सही है/हैं।</p> <p>(क) केवल कथन (i) सही है। (ख) केवल कथन (ii) सही है।</p> <p>(ग) केवल कथन (iii) सही है। (घ) केवल कथन (iv) सही है।</p> <p>4. चिरस्थायी शक्ति कौन-सी है?</p> <p>(क) समाज (ख) व्यवहार (ग) सम्मान (घ) सिद्धांत</p> <p>5. कौन वाणी और व्यवहार में एक थे?</p> <p>6. कस्तूरबा ने किस की उपासना की?</p> <p>7. रचनात्मक कर्मों को कौन प्रधानता देती थी?</p>		
2	<p>'(i) परीक्षा शिक्षा का अनिवार्य अंग है लेकिन इसके भय से बचना कठिन है। कल्पना कीजिए कि आपको परीक्षा ने किस प्रकार भयभीत किया ?</p>	5	Understanding

	रचनात्मक लेख लिखे ।		
3	<p>पठित काव्यांश के उत्तर दे : दिए गए पद्यांश पर आधारित प्रश्नों को ध्यानपूर्वक पढ़कर दिए गए प्रश्नों के सर्वधिक उपयुक्त उत्तर वाले विकल्प को चुनकर लिखिए-</p> <p>‘मस्त योगी है कि हम देखकर सबका सुखी हैं, कुछ अजब मन है कि हम देखकर सबका दुःखी हैं।</p> <p>तुम हमारी चोटियों की बर्फ को यों मत कुरेदो, दहकता लावा हृदय में है कि हम ज्वालामुखी हैं।</p> <p>आलास्य भी हमने किये हैं और ताण्डव भी किये हैं, वंश मीरा और शिव के, विष पिया है और जिये हैं।</p> <p>दूध माँ का या कि चन्दन का कि केसर जो समझ लो, यह हमारे देश की रज है कि हम इसके लिए हैं।’</p> <p>1. इस पद्यांश में किस देश के वासियों का वर्णन है?</p> <p>(क) विदेश के (ग) जापान के (ख) भारत के (घ) इंग्लैंड के</p> <p>2. भारतीयों के हृदय में क्या दहकता है?</p> <p>(क) लावा (ख) आग (ग) ज्वाला (घ) रोशनी</p> <p>3. ताण्डव किस के द्वारा किया नृत्य है?</p> <p>(क) नर्तकी (ख) नट (ग) शिव (घ) समाज</p> <p>4. चंदन और केसर की तुलना किससे की है?</p> <p>निम्नलिखित कथनों पर विचार कीजिए-</p>	5	HOT

	<p>कथन (i): चंदन और केसर की तुलना देश की रज से की है।</p> <p>कथन (ii): चंदन और केसर की तुलना नमक से की है।</p> <p>कथन (iii): चंदन और केसर की तुलना आसमान से की है।</p> <p>कथन (iv): चंदन और केसर की तुलना पानी से की है।</p> <p>निम्नलिखित विकल्पों पर विचार कीजिए तथा सही विकल्प चुनकर लिखिए</p> <p>विकल्प:-</p> <p>(क) केवल कथन (i) सही है। (ख) केवल कथन (ii) सही है।</p> <p>(ग) केवल कथन (iii) सही है। (घ) केवल कथन (iv) सही है।</p> <p>5. कॉलम 1 को कॉलम 2 से सुमेलित कीजिए और सही विकल्प चुनकर लिखिए-</p> <p>कॉलम 1 कॉलम 2</p> <p>1. मन है (i) अजब</p> <p>2. मत कुरेदो (ii) चोंटियों की बर्फ को</p> <p>3. दहकता लावा (iii) हृदय में</p> <p>(क) 1 - (i), 2- (iii), 3- (ii) (ख) 1 - (i), 2 - (ii), 3 - (iii)</p> <p>(ग) 1 - (iii), 2-(ii), 3-(i) (घ) 1 - (ii), 2-(iii), 3-(i)</p>		
4	<p>प्रश्न 1 . 'चंपा काले-काले अक्षर नहीं चीन्हती' कविता पूर्वी प्रदेशों की किस पीढ़ा को अभिव्यक्ति देती है ?</p>	5	Interdisciplinary

	प्रश्न 2. यदि आप माली की जगह पर होते, तो हुकूमत के फैसले का इंतज़ार करते या नहीं ? अगर हाँ, तो क्यों ? और नहीं, तो क्यों ? जामुन का पेड़ पाठ के आधार पर उत्तर दीजिए ।		
5	'प्रश्न - "अंग्रेज़ी में बोलने में आपकी झिझक" पर अपनी डायरी में 40 शब्दों में एक प्रविष्टि लिखें और आप अपने अंग्रेज़ी बोलने के कौशल में सुधार करें।	5	Analytical Skill
6	कल्पना कीजिए कि आपने पत्रकारिता के क्षेत्र में अपना अध्ययन पूरा कर लिया है और किसी प्रसिद्ध अखबार में पत्रकार पद के लिए आवेदन भेजना है। इसके लिए एक आवेदन-पत्र लिखिए।	5	Critical Thinking and Problem Solving
7	हमारे देश की सुरक्षा पूरी तरह से हमारे सैनिकों पर निर्भर है। वे चुनौतीपूर्ण परिस्थितियों में भी अपने कर्तव्यों का पालन करते हैं। ऐसी ही किसी घटना के बारे में लिखिए।	5	Evaluation
8	'रेजाणीपानी क्या है तथा रेजा शब्द का उपयोग किसलिए किया जाता है?' पर चर्चा क्र एक रिपोर्ट तैयार करे ।	5	Communication Skills



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XI
ACADEMIC SESSION 2025-26
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Subject: Chemistry
Allotment Date: 30 November 2025

Assignment No.: 6
Marks-20+20=40

PART I

BASIC(GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1	<p>1. According to Lewis concept, an acid is: (a) proton donor (b) electron pair donor (c) electron pair acceptor (d) proton acceptor</p> <p>2. Ostwald's dilution law is applicable to: (a) Strong electrolytes only (b) Weak electrolyte only (c) Non-electrolytes (d) Strong and weak electrolytes</p> <p>3. The pH of a solution of hydrochloric acid is 4. The molarity of the solution is: (a) 4.0 (b) 0.4 (c) 0.0001 (d) 0.04</p> <p>4. The strong conjugate base is (a) NO_3^{2-} (b) Cl^- (c) SO_4^{2-} (d) CH_3COO^-</p> <p>5. Which of the following pairs constitutes a buffer ? (a) NaOH and HCl (b) HNO_3 and NH_4NO_3 (c) HCl and KCl (d) HNO_2 and NaNO_2</p>	5	Knowledge
2	<p>Directions: These questions consist of two statements, each printed as Assertion and Reason. While answering these questions, you are required to choose any one of the following four responses.</p> <p>(a) If both Assertion and Reason are correct and the Reason is a correct explanation of the Assertion. (b) If both Assertion and Reason are correct but Reason is not a correct explanation of the Assertion. (c) If the Assertion is correct but Reason is incorrect. (d) If both the Assertion and Reason are incorrect.</p>	2	Understanding

	<p>1. Assertion: A catalyst does not influence the values of the equilibrium constant. Reason: Catalysts influence the rate of both forward and backward reactions equally.</p> <p>2. Assertion: $K_p = K_c$ for all reactions. Reason: At constant temperature, the pressure of the gas is proportional to its concentration.</p>		
3	<p>The ionisation of hydrochloric in water is given below: $\text{HCl(aq)} + \text{H}_2\text{O (l)} \rightleftharpoons \text{H}_3\text{O}^+ \text{(aq)} + \text{Cl}^- \text{(aq)}$ Label two conjugate acid-base pairs in this ionisation.</p>	2	Understanding
4	<p>The aqueous solution of sugar does not conduct electricity. However, when sodium chloride is added to water, it conducts electricity. How will you explain this statement on the basis of ionisation and how is it affected by the concentration of sodium chloride?</p>	3	Knowledge
5	<p>BF_3 does not have protons but still acts as an acid and reacts with NH_3. Why is it so? What type of bond is formed between the two?</p>	3	Analytical
6	<p>Write a relation between ΔG and Q and define the meaning of each term and answer the following: (a) Why a reaction proceeds forward when $Q < K$ and no net reaction occurs when $Q = K$. (b) Explain the effect of an increase in pressure in terms of reaction quotient Q. for the reaction: $\text{CO (g)} + 3\text{H}_2 \text{(g)} \rightleftharpoons \text{CH}_4 \text{(g)} + \text{H}_2\text{O (g)}$</p>	5	Understanding
	<p>PART II STANDARD (COMPETENCY BASED QUESTIONS)</p>		
1	<p>1. Le Chatelier's principle is applicable to: (a) only homogeneous chemical reversible reactions (b) only heterogeneous chemical reversible reactions (c) only physical equilibria (d) all systems, chemical or physical in equilibrium.</p> <p>2.. Which of the following is the weakest base? (a) NaOH (b) Ca(OH)_2 (c) NH_4OH (d) KOH</p> <p>3. When NH_4Cl is added to NH_4OH solution the dissociation of ammonium hydroxide is reduced. It is due to: (a) common ion effect (b) hydrolysis (c) oxidation</p>	1X5=5	Understanding

	<p>(d) reduction</p> <p>4. For the reversible reaction $\text{N}_2(\text{g}) + 3\text{H}_2(\text{g}) \rightleftharpoons 2\text{NH}_3 + \text{Heat}$ The equilibrium shifts in forward direction (a) by increasing the concentration of $\text{NH}_3(\text{g})$ (b) by decreasing the pressure (c) by decreasing the concentration of N_2 and H_2 (d) by increasing pressure and decreasing temperature</p> <p>5. A base according to Bronsted concept is a substance which can: (a) lose pair of electron (b) donate protons (c) gain a pair of electrons (d) accept protons</p>		
2	<p>Directions: These questions consist of two statements, each printed as Assertion and Reason. While answering these questions, you are required to choose any one of the following four responses. (a) If both Assertion and Reason are correct and the Reason is a correct explanation of the Assertion. (b) If both Assertion and Reason are correct but Reason is not a correct explanation of the Assertion. (c) If the Assertion is correct but Reason is incorrect. (d) If both the Assertion and Reason are incorrect.</p> <p>1. Assertion: The equilibrium constant is fixed and is the characteristic of any given chemical reaction at a specified temperature. Reason: The composition of the final equilibrium mixture at a particular temperature depends upon the starting amount of reactants.</p> <p>2. Assertion: The endothermic reactions are favoured at lower temperatures and the exothermic reactions are favoured at a higher temperature. Reason: when a system in equilibrium is disturbed by changing the temperature, it will tend to adjust itself so as to overcome the effect of change.</p>	2	HOT
3	<p>Conjugate acid of a weak base is always stronger. The decreasing order of basic strength of the following conjugate bases will be? OH^-, RO^-, CH_3COO^-, Cl^-</p>	2	Analytical Skills
4	<p>Arrange the following in increasing order of pH. $\text{KNO}_3(\text{aq})$, $\text{CH}_3\text{COONa}(\text{aq})$, $\text{NH}_4\text{Cl}(\text{aq})$, $\text{C}_6\text{H}_5\text{COONH}_4(\text{aq})$</p>	3	Understanding
5	<p>The value of K_c for the reaction $2\text{HI}(\text{g}) \rightleftharpoons \text{H}_2(\text{g}) + \text{I}_2(\text{g})$ is 1×10^{-4}. At a given time, the composition of reaction mixture is $[\text{HI}] = 2 \times 10^{-5} \text{ mol}$, $[\text{I}_2] = 1 \times 10^{-5} \text{ mol}$. Determine the direction in which the reaction will proceed?</p>	3	HOT
6	<p>On the basis of the Le Chatelier principle explain how temperature and pressure can be</p>	5	HOT

	<p>adjusted to increase the yield of ammonia in the following reaction.</p> $\text{N}_2(\text{g}) + 3\text{H}_2(\text{g}) \rightleftharpoons 2\text{NH}_3(\text{g}) \quad \Delta H = -92.38 \text{ kJ mol}^{-1}$ <p>What will be the effect of addition of argon to the above reaction mixture at constant volume?</p>		
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PART I
BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1	MCQ BASED QUESTIONS The value of acceleration due to gravity changes up to going from high to the Earth surface 1 increases 2 decreases 3 remain the same 4 increase and decreases	1	Information
2	The surface tension are 1 intensive property 2 extensive property 3 Both 4 none	1	Information
3	VERY SHORT ANSWER QUESTIONS Is steel is more elastic than rubber explain	2	Understanding
4	A girl of mass 50 kg wearing a heel of diameter 1 cm find out the pressure exerted by the girl on the floor	2	Information
5	SHORT ANSWER QUESTIONS Explain what is the Pascal law and explain how the hydraulic brakes based upon the Pascal law work	3	Remembering
6	Explain the longitudinal stress and volumetric stress	3	Interdisciplinary
7	Derive an expression for the potential energy stored in stretched string?	3	Understanding
8	Prove by the Steel is more elastic than rubber how can it is used in our daily life?	5	Critical thinking
	PART II STANDARD (COMPETENCY BASED QUESTIONS)		
9	ASSERTION REASON BASED QUESTION <ul style="list-style-type: none"> ● Assertion the bulk modulus of copper is larger than Steel Reason : the potential energy stored in the copper wire is the same as a steel wire in the elongation 	1	Understanding based question
10	<ul style="list-style-type: none"> ● Assertion: the water wets ● the glass surface but Mercury does not Reason: the cohesive forces of the water 	1	Real life application based on CBQ

	<p>molecules are larger than the cohesive forces in Mercury</p> <ul style="list-style-type: none"> • molecules 		
11	<ul style="list-style-type: none"> • Assertion: the vapour pressure of a liquid at which it becomes equal to the atmospheric pressure Reason. At boiling point the liquid starts the boiling. 	1	Information based question
12	Explain the orbital velocity of the satellite and how it is related with the escape velocity of the satellite?	2	Application based CBQ
13	Explain the launching of the satellite from the surface of the earth	2	Real life relevance based CBQ
14	What is the moment of inertia how is work in the rotational motion as mass in the linear motion explain	2	Understanding based CBQ
15	what is the expression involved inside the liquid drop that in expression for the excess pressure inside the soap bubble	3	Critical thinking based question
16	Define the centre of mass and the motion exhibited inside the centre of mass and prove the centre of mass have the constant motion if no external force is applied on it	3	Evaluation based CBQ
17	Briefly describe the following: <ol style="list-style-type: none"> 1 surface tension 2 viscosity 3 Pascal law 4 Venturi metre 5 equation of continuity 	5	Analytical skill based CBQ



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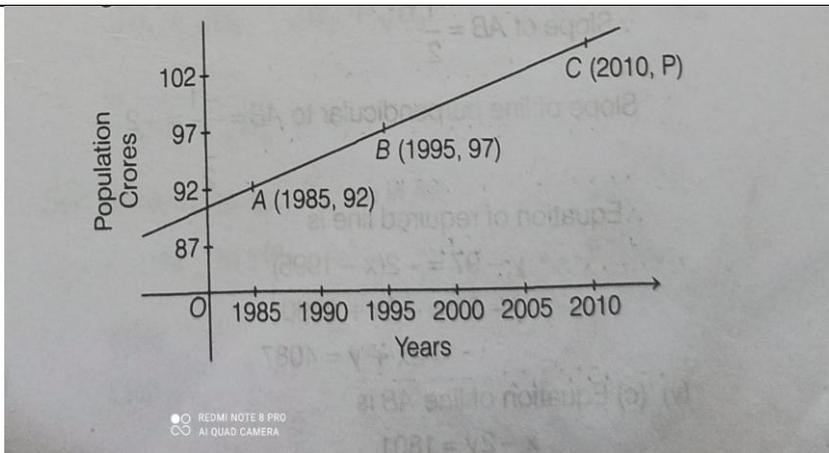
PART I

BASIC (GENERAL QUESTION)

S. NO.	QUESTIONS	MAR KS	NATURE
1	The point $(-2,-3,-4)$ lies in the: (a) First octant (b) Second octant (c) Second octant (d) Eighth octant	1	Understanding
2	If the points $(5,2,4)$, $(6,-1,2)$ and $(8,-7,k)$, are collinear then the value of k is: (a) 2 (b) -2 (c) 3 (d) -3	1	Understanding
3	Two adjacent vertices of a square are $(-2,-3)$ and $(1,1)$. The perimeter of the square is: (a) 10 (b) 15 (c) 20 (d) 25	1	HOT
4	The point nearest to the origin is : (a) $(2,3)$ (b) $(1,-4)$ (c) $(4,0)$ (d) $(2,1)$	1	Understanding

5	Find the centroid of a triangle having vertices (4,8),(-2,6) and (4,7).	2	HOT
6	Evaluate: $\lim_{x \rightarrow \infty} \frac{1+2+3+\dots+n}{n}$	2	Understanding
7	Find the distance of the point (3,4,6) from z-axis.	2	Understanding
8	Evaluate: $\lim_{x \rightarrow \pi} \frac{\sin x}{x-\pi}$	2	HOT
9	$\frac{d}{dx} (10^{10} + 10^x + x^{10} + 10)$ is equal to.....	2	Information
10	Find the ratio in which the yz-plane divides the line segment formed by joining the points (-2,4,7) and (3,-5,8).	3	Understanding
11	Find the derivative of $\sin(x^2 + 1)$ from first principle.	3	HOT
PART II			
STANDARD (COMPETENCY BASED QUESTIONS)			
12	The inclination of the line $x-y+3=0$ with the positive direction of x-axis is: (a) 45° (b) 135° (c) -45° (d) -135°	1	Analytical Skill
13	The vertices of a triangle are A(-5,3), B(p,-1) and C(6,q) . If the centroid of the triangle is(1,-1), then the values of p and q are: (a)p=-2, q=5 (b) p= 2, q= -5 (c) p=3, q=5 (d) p = -5, q=2	1	Understanding

14	The locus of a point for which $x=0$ is: (a) xy plane (b) yz plane (c) zx plane (d) none of these	1	Interdisciplinary
15	Three consecutive vertices of a parallelogram ABCD are A(3,-1,2), B(1,2,-4) and C(-1,1,2), the fourth vertex is: (a) (-1,2,8) (b) (1, -2,8) (c) (1,2,8) (d) (1,2,-8)	1	HOT
16	<p style="text-align: center;">Assertion-Reason Based Questions</p> <p>Direction: The following questions are Assertion-Reason type questions. Each of these questions contains two statements: Statement-1 (Assertion) and Statement-2 (Reason). Each of these questions also has four alternative choices, only one of which is the correct answer. You have to select the correct choice.</p> <p>(a) Statement –1 is false, Statement-2 is true. (b) Statement –1 is true, Statement-2 is true, and Statement -2 is a correct explanation for Statement-1. (c) Statement –1 is true, Statement-2 is true, and Statement -2 is a not a correct explanation for Statement-1. (d) Statement –1 is true, Statement-2 is false.</p> <p>Statement-1: The lines $x-3y +4=0$ and $3x+y+7=0$ are perpendicular. Statement-2: Product of slopes of lines is -1.</p>	1	HOT
17	If $y = \sqrt{\sin x}$, $0 < x < \pi/2$, then find dy/dx .	3	HOT
18	Find the ratio in which the line joining (2,3,4) and (-1,4,5) is divided by the plane $3x+2y-z+2 =0$.	3	Critical Thinking and Problem Solving
19	Case Study : Consider the following population and year graph.	4	Critical Thinking and Problem Solving



Based on the above information, answer the following:

- (i) Find the slope of the line AB.
- (ii) Find the equation of the line AB.
- (iii) Find the equation of the line perpendicular to line AB and passing (1995, 97).

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Find k so that $\lim_{x \rightarrow 2} f(x)$ may exist where $f(x) = \begin{cases} x^2 + 1, & x \leq 2 \\ x + k, & x > 2 \end{cases}$

$x \rightarrow 2$

5

Critical Thinking and Problem Solving



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XI
ACADEMIC SESSION 2025-26
WORKSHEET (SELF –ASSESSMENT)



Subject: Biology
Allotment Date: 30 November 2025

Assignment No.: 6
Marks-20+20=40

PART I
BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1	MCQ BASED QUESTIONS Which part of the respiratory system is responsible for exchanging gases with the bloodstream? a. Trachea b. Bronchi c. Alveoli d. Larynx	1	Information
2	Which gas is responsible for the majority of oxygen transport in the bloodstream? a. Oxygen b. Carbon dioxide c. Nitrogen d. None of the above	1	Information
3	VERY SHORT ANSWER QUESTIONS Answer the following questions based on the equation given below: What is the role of the enzyme carbonic anhydrase in the red blood cells?	2	Understanding
4	How is about 97% of oxygen transported in the blood?	2	Information
5	SHORT ANSWER QUESTIONS Explain the role of the diaphragm and intercostal muscles in the process of inhalation and exhalation.	3	Remembering
6	How is the rate of respiration regulated in humans?	3	Interdisciplinary
7	What happens during pulmonary ventilation, and what are the key parts involved in creating the pressure gradient between the lungs and the atmosphere?	3	Understanding

8	Explain the mechanism of breathing in humans, describing the role of the diaphragm and intercostal muscles during inspiration and expiration.	5	Critical thinking
	PART II STANDARD (COMPETENCY BASED QUESTIONS)		
9	ASSERTION REASON BASED QUESTION <ul style="list-style-type: none"> Assertion : WBCs accumulate at the site of wounds by diapedesis. Reason : It is the squeezing of leucocytes from the endothelium. 	1	Understanding based question
10	<ul style="list-style-type: none"> Assertion: In most of the mammal RBCs are devoid of nucleus. Reason: Red colour is filled in the entire cytoplasm of RBCs, iron containing complex protein called haemoglobin 	1	Real life application based on CBQ
11	<ul style="list-style-type: none"> Assertion: In lymphatic system, lymph is known as tissue fluid. Reason: It comprises of plasma proteins, RBCs and WBCs. 	1	Information based question
12	Name the components of formed elements in the blood and give one function of each.	2	Application based CBQ
13	What is the importance of plasma proteins?	2	Real life relevance based CBQ
14	What is the difference between open and closed circulatory systems?	2	Understanding based CBQ
15	Answer the following <ol style="list-style-type: none"> Name the major site where RBCs are formed. Which part of the heart is responsible for initiating and maintaining its rhythmic activity? What is specific in the heart of crocodiles among reptilians? 	3	Critical thinking based question
16	Thrombocytes are essential for the coagulation of blood. Explain.	3	Evaluation based CBQ
17	Briefly describe the following: <ul style="list-style-type: none"> Anaemia Angina pectoris Atherosclerosis Hypertension Heart failure 	5	Analytical skill based CBQ



ARMY PUBLIC SCHOOL GWALIOR

CLASS - XI

ACADEMIC SESSION 2025-26

WORKSHEET (SELF –ASSESSMENT)



Subject: Accountancy

Allotment Date: 30 November 2025

Assignment No.: 6

Marks-20+20=40

PART I

BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1	General Reserves are shown in : (a) Revaluation Account (b) Profit and Loss Account (c) None of these (d) Balance Sheet	1	Knowledge
2	The amount of depreciation goes on decreasing every subsequent year under which method a) Written down value method. b) Straight line method c) both(a) and (b) d) None	1	Knowledge
3	“Allocation of cost of fixed asset over its useful life” is best description of a) Depletion b) Depreciation c) Amortisation d) Obsolescence	1	Understanding
4	.If the original cost is ₹ 1,36,000, salvage value is ₹ 10,000 and useful life is six years, depreciation will beunder straight line method. a) 18,000 b) 19,000 c) 21,000 d) 25,000	1	Critical thinking
5	The term ‘Depletion’ is used for which types of assets? (a) Liquid assets (b) Fixed Assets (c) Wasting assets (d) Intangible assets	1	Critical thinking
6	It is easy to detect _____ than to _____ (a) Frauds, errors. (b) Mistakes, frauds (c) Errors, frauds (d) Errors, mistakes	1	Knowledge
7	Trial Balance is helpful in locating ----- (a) Errors of Principle. (b) Errors of omission. (c) Compensating Errors. (d) None of the above	1	Knowledge

8	A company purchased on 1 st April,2016, a machinery for Rs.80,000. On 1 st October,2017, it purchased another machine for Rs,50,000 and on 1 st October, 2018, it sold off the first machine purchased in 2016 for Rs.23,000. Depreciation was provided on the machinery at the rate of 20% p.a. on the original cost annually. Give the machinery account for first years commencing from 1 st April, 2016. Accounts are closed on 31 st March every year.	3	Remembering , understanding and analysing																																												
9	Prepare a Trial Balance from the following balances as at 31 st March 2022	4	Analysing and computing																																												
	<table border="1"> <tr> <td>Opening Stock</td> <td>28,800</td> <td>Returns inwards</td> <td>7,500</td> </tr> <tr> <td>Purchases</td> <td>82,000</td> <td>Returns outwards</td> <td>5,600</td> </tr> <tr> <td>Sales</td> <td>1,60,000</td> <td>Carriage inwards</td> <td>1,640</td> </tr> <tr> <td>Wages</td> <td>16,160</td> <td>Carriage outwards</td> <td>3,200</td> </tr> <tr> <td>Salaries</td> <td>6,400</td> <td>Furniture</td> <td>12,000</td> </tr> <tr> <td>Repairs</td> <td>500</td> <td>Motor car</td> <td>80,000</td> </tr> <tr> <td>Commission (Cr.)</td> <td>800</td> <td>Cash in hand</td> <td>4,700</td> </tr> <tr> <td>Debtors</td> <td>24,200</td> <td>Bank overdraft</td> <td>25,400</td> </tr> <tr> <td>Creditors</td> <td>7,300</td> <td>Investments</td> <td>20,000</td> </tr> <tr> <td>Capital</td> <td>90,000</td> <td>Interest on investment</td> <td>2,400</td> </tr> <tr> <td>Drawings</td> <td>4,400</td> <td></td> <td></td> </tr> </table>	Opening Stock	28,800	Returns inwards	7,500	Purchases	82,000	Returns outwards	5,600	Sales	1,60,000	Carriage inwards	1,640	Wages	16,160	Carriage outwards	3,200	Salaries	6,400	Furniture	12,000	Repairs	500	Motor car	80,000	Commission (Cr.)	800	Cash in hand	4,700	Debtors	24,200	Bank overdraft	25,400	Creditors	7,300	Investments	20,000	Capital	90,000	Interest on investment	2,400	Drawings	4,400				
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10	Differentiate between Provision and Reserve on the basis of (i) object; (ii) mode of creation; (iii) utilization of dividend; (iv) presentation in balance sheet; (v) investment outside the business; (vi) charge or appropriation	6	Remembering, understanding and computing																																												
	PART II STANDARD (COMPETENCY BASED QUESTIONS)																																														
1	Which of the following methods of depreciation is not recognized by Income Tax Law? (a) Straight line Method (b) None of these (c) Both, Straight Line and Diminishing Balance Methods (d) Diminishing Balance Method	1	Critical thinking																																												
2	Asset Disposal A/c is prepared when : (a) Provision for Depreciation A/c is prepared (b) Asset A/c is prepared (c) Profit & Loss A/c is prepared (d) Depreciation A/c is prepared	1	Understanding																																												
3	Provision is a _____ against profits to meet _____ liabilities. (a) Charge & unknown (b) Appropriation & Known (c) Appropriation & unknown. (d) Charge & Known	1	Logical analysis																																												
4	Which of the following is the example of Revenue Reserve? (a) Profit on Redemption of Debentures (b) Profit on Revaluation of Fixed (c) Investment Fluctuation Fund (d) Profit on Re-issue of forfeited shares	1	In depth knowledge																																												

5	<p>Which of the following statement is true?</p> <p>a. Depreciation is a charge against profit. b. Depreciation is an appropriation to profit c. Depreciation is provided only if there is a profit. d. In case of loss, depreciation should not be charged</p>	1	In depth knowledge				
6	<p>Which of the following expenses is not included in the acquisition cost of a plant and equipment?</p> <p>a. Cost of site preparation b. Repairs c. Installation Cost d. Freight and transportation charges</p>	1	In depth knowledge				
7	<p>Assertion (A): Depreciation is allocation of cost of asset over its estimated useful life. Reason (R) : By charging depreciation, cost of fixed asset is written off over the estimated useful life of the asset.</p> <p>a. Assertion (A) and Reason (R) are correct but the Reason (R) is not the correct explanation of Assertion (A). b. Both Assertion (A) and Reason (R) are correct and Reason (R) is correct explanation of Assertion (A). c. Assertion (A) is not correct but Reason (R) is correct. d. Both Assertion (A) and Reason (R) are incorrect.</p>	1	In depth knowledge				
8	<p>The following balances appear in the books of X Ltd. as on 1st April 2019:</p> <table style="margin-left: 20px;"> <tr> <td>Machinery Account</td> <td style="text-align: right;">5,00,000</td> </tr> <tr> <td>Provision for Depreciation Account</td> <td style="text-align: right;">2,25,000</td> </tr> </table> <p>The machinery was depreciated at 10% p.a. on the fixed instalment method. The accounting year being April- March. On 1st October 2019, a machinery which was purchased on 1st July 2016 for Rs.1,00,000 was sold for rs.42,000 and on the same date a fresh machinery was purchased for Rs.2,00,000. Prepare Machinery Account and Provision for Depreciation Account for the year 2019-20.</p>	Machinery Account	5,00,000	Provision for Depreciation Account	2,25,000	3	Understanding
Machinery Account	5,00,000						
Provision for Depreciation Account	2,25,000						
9	<p>Give the main demerit of providing depreciation by original cost method. State the meaning of Depletion and Amortisation. What is residual or scrap value of depreciation?</p>	4	Understanding and computing				
10	<p>On 1st January, 2015 the Jaipur Transport Company purchased a Truck for Rs.4,00,000. On 1st July, 2016 this truck was involved in an accident and was completely destroyed and Rs.3,00,000 were received from the insurance company in full settlement. On the same date another truck was purchased by the Co. for Rs.5,00,000. The company writes off 20% depreciation p.a. on written down value method and the accounts are closed on 31st March every year. Give the truck account for 3 years</p>	6	Understanding and computing				



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XI
ACADEMIC SESSION 2025-26
WORKSHEET (SELF –ASSESSMENT)



Subject: Business Studies
Allotment Date: 30 November 2025

Assignment No.: 6
Marks-20+20=40

PART I
BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1.	In case of service enterprise, where investment in equipment is more than 10 lakhs rupees but does not exceed 2 crore rupees is [a] Micro enterprise [b]small enterprise [c] Medium enterprise [d]cottage industries	1	Knowledge
2.	National small industries corporation was set up in the year [a]1956 [b] 1955 [c] 1953 [d] 1954	1	Remembering
3.	Literary work is protected under [a] copy right [b] Patent [c] trade mark [d] crowd funding	1	Knowledge
4.	IPR stands for [a] Indian property rights [b] Important property rights [c] Intellectual property rights [d] Institutional property rights	1	knowledge
5.	As per notification issued by the ministry of commerce and industry, a start up means, with reference to period [a] not older than 5 years. [b] not older than 10 years [c] not older than 12 years [d] not older than 13 years	1	Knowledge
6	As per MSMED act which of the following issue is not addressed by it [a] credit [b] Technology up gradation [c] Marketing products [d] Global competition	1	Understanding
7	Modern small industries include [a] Handloom [b] Power loom [c] sericulture	1	Knowledge

	[d] Handicrafts		
8	An Author wants that only he should get the profit of his creations. The Author's creation is his Intellectual Property. The right granted to keep such properties safe is known as the Intellectual Property Right. Identify and explain the Intellectual Property Right' granted to an author.	3	Analysis and understanding
9.	Hemant, Arpit and Sajal are three friends who belong to the same village. They have completed their MBA education from IIM, Ahmedabad. They want that the country should benefit from their education. With this aim they want to do such a business which will generate more employment and output, mobilise local resources, and contribute to balanced regional development. For this they set up a small- scale industrial unit in their own village. Do you think they will be able to contribute to the development of rural, backward areas of the country? Explain.	4	Remembering
10	Describe then process of entrepreneurship development.	6	Understanding
S. NO.	PART II STANDARD (COMPETENCY BASED QUESTIONS)	MARKS	NATURE
1.	Mr.X is individual with surplus cash and interested to invest in upcoming start ups. Which method is suitable him [a] Crowd funding [b] Venture capital [c] boot strapping [d] Angel investment	1	Attention to detail
2.	A-----includes shape, pattern and arrangement of lines or colour combination that is applied to any article [a] Design [b] Copy right [c] Patent [d] Trade mark	1	Attention to detail
3.	Agency works for the benefit of socially and economically disadvantaged groups and individuals [a] RWE [b] SFURTI [c] RSBDC [d] DIC	1	Logical reasoning
4.	The limit for investment in plant and machinery in manufacturing unit Which does not exceed Rs.5 lakh? Company falls under which category [a] micro enterprise [b] small enterprise [c] medium enterprise [d] large enterprise	1	Critical thinking
5.	Who can register Geographical Indications? [a] individual [b] company [c] producers [d] consumers	1	Understanding
6	Copyright protection is not available for [a] Literary work	1	Critical thinking

	[b] Music work [c] Artistic work [d] Assembling		
7	The total contribution of raw material and machinery is Rs.10 lakh [a] Micro enterprise [b] Small enterprise [c] Medium enterprise [d] Large enterprise	1	Analytical reasoning
8	Muskan, Pranjal and Prachi - all the three after completing their studies, Engineering, MBA and M.Com respectively, created a joint firm. Their objective was to do business in some such process/ commodity/services as might not be already in vogue. First of all, they established a strong 'Research and Development Department'. In no time, a new idea came into the minds. They decided to produce such a 'writing material' as was not already in vogue. They got their firm registered under the Government's new scheme, which had been announced to motivate the young Entrepreneurs. The Government granted them the necessary financial help. The production started, and their new product got the full co-operation from the market as quickly as possible. As a result in the very first year, they got the turnover of Twenty Crores. Along with getting appropriate profit personally, they also provided employment to several people. Related to the business discussed in the above paragraph answer the following questions. a. Under which new scheme of the Government this business might have been registered b. When was the New Scheme, identified in point (i), first announced? c. When was the 'Mobile App' and Portal for registration under this scheme launched?	3	Remembering and analysis
9.	Aman wants to start a business unit manufacturing Khadhi items. His friend who makes craft items, suggests him to start a small-scale industrial unit in some rural, backward area since the government is offering various incentives to small-scale industries. a. State any four incentives offered by the government for small-scale industries. b. Name two institutions set up by the government of India to promote small-scale industries in rural India. Explain their role.	4	In depth knowledge
10	Neer, after completing his studies of Engineering and MBA worked in the position of Manager in her father's business for five years. Now she wants to establish a new and risky business of her own with the hope of earning more profit. She is fully confident that despite the new business being risky will yield her a huge profit. She integrated the resources of production with a view to establishing her business. Within a few days she established the unit, under the name of Bukhariya Easymade Foods'. For six months after starting her business she faced several problem. But afterwards the business proved to be a profit earning machine. Identify the Entrepreneur, Entrepreneurship and Enterprise in the above paragraph. And also explain any three characteristics of Entrepreneurship.	6	Critical thinking and understanding



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XI
ACADEMIC SESSION 2025-26
WORKSHEET (SELF –ASSESSMENT)



Subject: Economics
Allotment Date: 30 November 2025

Assignment No.: 6
Marks-20+20=40

PART I

BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1	When TP increases at increasing rate, MP: (a) falls (b) rises (c) remains constant (d) all of these	1	Remembering
2	Production function refers to functional relationship between inputs and ____. (a) cost (b) output (c) revenue (d) profit	1	Understanding
3	Maximum point (value of TP is): (a) When $MP=AP$ (b) When $MP>AP$ (c) $MP=0$ (d) When $AP=0$	1	Information
4	When there are diminishing returns to a factor, TP always decreases. (True/False)	1	Evaluation Skill
5	AP rises only when MP rises. (True/False)	1	Remembering
6	When TP increases at increasing rate, MP: (a) falls (b) rises (c) remains constant (d) all of these	1	Interdisciplinary

7	Give two examples of variable costs.	1	Understanding
8	Till which point (phase) should a producer keep increasing the variable factor to get maximum profit?	3	Calculation Skills
9	(a)What is the relation between AP and MP? (b)What should be an ideal measure to determine wage rate of a labour in a competitive economy?	4	Understanding/Analyse
10	Explain the relationship between AVC and MC with the help of a diagram.	6	Problem Solving
PART II STANDARD (COMPETENCY BASED QUESTIONS)			
1	How is AFC curve shaped? Use diagram	1	HOT
2	Can AC and AVC curves touch each other?	1	Interdisciplinary
3	A producer borrows money to run a business but manages the business himself. Identify implicit cost.	1	Critical Thinking and Problem Solving
4	An owner withdraws Rs. 10,000 from his personal bank account and purchases a machinery for the business. Identify the explicit cost and implicit cost.	1	Critical Thinking
5	Case: A small bakery uses labour and ovens to produce cakes. The owner notices that when she increases the number of workers while keeping the same number of ovens, initially production increases at an increasing rate, but later the rise in output slows down. Question: Which economic concept explains why the additional output from each extra worker eventually declines? (a) Increasing returns to scale (b) Law of variable proportions (c) Constant returns to scale (d) Economies of scale	1	Analytical Thinking

6	<p>Case: A farmer is using 5 labourers and 1 tractor. She adds more labourers without increasing tractors. After a point, total output still rises, but the rise becomes smaller with each additional labourer.</p> <p>Question: The stage in which total product continues to rise but marginal product starts falling is known as:</p> <p>(a) Stage I of production (b) Stage II of production (c) Stage III of production (d) Returns to scale</p>	1	Logical Reasoning
7	<p>Assertion–Reason Question</p> <p>Assertion (A): Average Fixed Cost (AFC) always falls as output increases.</p> <p>Reason (R): Total Fixed Cost (TFC) remains constant regardless of the level of output.</p> <p>Choose the correct option:</p> <p>(a) Both A and R are true, and R is the correct explanation of A (b) Both A and R are true, but R is not the correct explanation of A (c) A is true, but R is false (d) A is false, but R is true</p>	1	Reasoning
8	<p>An economist claims that if cost is zero, production is also zero but if production is zero, the cost may not be zero. Defend or refute his claim.</p>	3	Critical Thinking and Problem solving
9	<p>Why does SMC curve cut the AC at its minimum? Use diagram</p>	4	Graphical skill
10	<p>What are the different phases in the Law of variable proportions in terms of MP? Give reason behind each phase. Use diagram.</p>	6	Evaluation Skill/Problem Solving



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XI
ACADEMIC SESSION 2025-26
WORKSHEET (SELF –ASSESSMENT)



Subject: History
Allotment Date: 30 November 2025

Assignment No.: 6
Marks-20+20=40

PART I

BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1.	<p>i. Which city is often called the “cradle of the Renaissance”?</p> <p>A. Rome B. Paris C. Florence D. Venice</p> <p>ii. Humanism focused primarily on:</p> <p>A. Religious salvation B. Human values, capacities, and earthly life C. Military expansion D. Decline of universities</p> <p>iii. Who is considered the “Father of Renaissance Painting”?</p> <p>A. Raphael B. Leonardo da Vinci C. Giotto D. Donatello</p> <p>iv. Printing Press in Europe was invented by:</p> <p>A. Gutenberg B. Marco Polo C. Christopher Columbus D. Dante</p> <p>v. Match the following:</p>	1x6=6	Remembering

	<p>Column A</p> <p>1. Leonardo da Vinci 2. Michelangelo 3. Raphael 4. Dante</p> <p>Column B</p> <p>a. The Divine Comedy b. Mona Lisa c. School of Athens d. Sistine Chapel</p> <p>vi. Correct–Incorrect: (a) Renaissance began in northern Europe before Italy.</p> <p>(i) Correct (ii) Incorrect</p>		
2.	<p style="text-align: center;">PART-B</p> <p>Answer in short: The humanists made distinction between middle age and modern age. How?</p>	3	Understanding
3.	<p style="text-align: center;">PART-C</p> <p>Answer in detail: Discuss the important changes that took place during Renaissance.</p> <p style="text-align: center;">OR</p> <p>Italian towns were the first to experience the ideas of humanism. Why?</p>	8	Applying
4.	<p style="text-align: center;">PART-D</p> <p>Map Question:</p> <p>On the political map of Italy, mark and locate the following States:</p> <p>i. Venice, ii. Padua, iii. Genoa</p>	3	Identifying
	<p>PART II STANDARD (COMPETENCY BASED QUESTIONS)</p>		
1.	<p style="text-align: center;">PART-A</p> <p>Objective Type Questions:</p> <p>i. Which of the following statements are true about the Printing Revolution?</p> <ol style="list-style-type: none"> 1. Books became cheaper and more accessible. 2. Literacy levels gradually increased. 3. The Church fully supported the printing of all texts. 	1x4=4	Applying

	<p>A. 1 and 2 only B. 2 and 3 only C. 1 and 3 only D. All of the above</p> <p>ii. Assertion (A): Renaissance architecture revived classical Greek and Roman styles. Reason (R): Medieval Europe had completely lost architectural knowledge. A. Both A and R are true and R explains A. B. Both A and R are true but R does not explain A. C. A is true but R is false. D. A is false but R is true.</p> <p>iii. Matching:</p> <table border="0"> <tr> <td>Column A</td> <td>Column B</td> </tr> <tr> <td>1. Oil painting</td> <td>a. Leonardo da Vinci</td> </tr> <tr> <td>2. Last Supper</td> <td>b. Flemish artists</td> </tr> <tr> <td>3. Anatomy studies</td> <td>c. Galileo</td> </tr> <tr> <td>4. Telescope improvements</td> <td>d. Scientific dissection</td> </tr> </table> <p>iv. Chronological Order Question: Arrange the following events in correct chronological order: 1. Gutenberg invents printing press 2. Dante writes <i>The Divine Comedy</i> 3. Fall of Constantinople 4. Leonardo paints <i>Last Supper</i></p>	Column A	Column B	1. Oil painting	a. Leonardo da Vinci	2. Last Supper	b. Flemish artists	3. Anatomy studies	c. Galileo	4. Telescope improvements	d. Scientific dissection		
Column A	Column B												
1. Oil painting	a. Leonardo da Vinci												
2. Last Supper	b. Flemish artists												
3. Anatomy studies	c. Galileo												
4. Telescope improvements	d. Scientific dissection												
2.	PART-B	3	HOT										
	Answer in short: Do you think that the Renaissance started a new age?												
3.	Critically examine why did the movement break out against the Catholic Church?	3	Evaluating										
4.	PART-C	8	Analysing, Evaluating & Creating (HOT)										
	Answer in detail: Discuss the different scientific aspects reflected in the works of sixteenth century Italian artists. OR Considering present-day examples or historical events, explain how the limitations or drawbacks of nation-states can affect the lives of ordinary people. Support your answer with situations or cases that you can relate to.”												
5.	PART-D	2x1=2	Application and understanding Based										
	Source Based Question: Read the following extract and answer the questions that follow: Niccolo Machiavelli wrote about human nature in the fifteenth chapter of his book, <i>The Prince</i> (1513). So, leaving aside												

	<p>imaginary things, and referring only to those which truly exist, I say that whenever men are discussed (and especially princes, who are more exposed to view), they are noted for various qualities which earn them either praise or condemnation. Some, for example, are held to be generous, and others miserly. Some are held to be benefactors, others are called grasping; some cruel, some compassionate; one man faithless, another faithful; one man effeminate and cowardly, another fierce and courageous; one man courteous, another proud; one man lascivious, another pure; one guileless, another crafty; one stubborn, another flexible; one grave, another frivolous; one religious, another sceptical; and so forth. Machiavelli believed that 'all men are bad and ever ready to display their vicious nature partly because of the fact that human desires are insatiable'. The most powerful motive Machiavelli saw as the incentive for every human action is self-interest.</p> <p>Questions:</p> <p>(i) "Analyse how Machiavelli's view that human behaviour is driven primarily by self-interest shapes his advice to rulers in <i>The Prince</i>. How does this perspective influence the moral and political responsibilities he expects from a successful leader?"</p> <p>(ii) Machiavelli believed that humans often act according to their "insatiable desires." Reflect on a real-life situation (in school, society, or world events) where this idea helps explain people's actions. What could be the consequences of such behaviour?</p>		



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XI
ACADEMIC SESSION 2025-26
WORKSHEET (SELF –ASSESSMENT)



Subject: Political Science
Allotment Date: 30 November 2025

Assignment No.: 6
Marks-20+20=40

PART I
BASIC (GENERAL BASED QUESTION)

S. NO.	QUESTIONS	MARKS	NATURE
1	<p>MCQ BASED QUESTION:</p> <p>(i) According to 73rd Amendment, the tenure of Panchayats in all states is:</p> <p>(a) Six years</p> <p>(b) Three years</p> <p>(c) Five years</p> <p>(d) Four years</p> <p>(ii) The first State in the country to adopt the Panchayati Raj System on 2nd October, 1959 was</p> <p>(a) Andhra Pradesh</p> <p>(b) Rajasthan</p> <p>(c) Bihar</p> <p>(d) Odisha</p> <p style="text-align: center;">OR</p> <p>(iii) One-third of the total number of seats of Panchayats are reserved for:</p> <p>(a) Backward Classes</p> <p>(b) Scheduled Castes</p>	(4x1=4)	Information

	<p>(c) Women belonging to Scheduled Castes</p> <p>(d) Women.</p> <p>(iv) Natural Rights are those which are given to us by:</p> <p>(a) Constitution</p> <p>(b) Parliament</p> <p>(c) God or Nature</p> <p>(d) King</p> <p style="text-align: center;">OR</p> <p>(v) Civil liberties and political rights form the basis of a</p> <p>(a) Democratic government.</p> <p>(b) Monarchical rule.</p> <p>(c) Totalitarian government.</p> <p>(d) Dictator rule.</p> <p>(vi) The provision to abolish untouchability is reflected in the Indian constitution under</p> <p>(a) Article 14.</p> <p>(b) Article 15.</p> <p>(c) Article 16.</p> <p>(d) Article 17.</p>		
2.	<p>VERY SHORT ANSWER QUESTION</p> <p>Why the rights are necessary?</p> <p style="text-align: center;">OR</p> <p>Who introduced the Gram Panchayat system in India?</p>	2	Understanding
3	<p>SHORT ANSWER QUESTION</p> <p>Write main features of 73rd and 74th constitutional amendments.</p> <p style="text-align: center;">OR</p> <p>Discuss the importance of Rights by giving examples of present context.</p>	4	HOTS

4	<p>Read the extract carefully and answer the questions that follow:</p> <p>Most democracies today begin by drawing up a charter of political rights. Political rights give the citizens the right to equality before law and the right to participate in the political process. They include such rights as the right to vote and elect representatives, the right to contest elections, the right to form political parties or join them. Political rights are supplemented by civil liberties. The latter refers to the right to a free and fair trial, the right to express one's views freely, the right to protest and express dissent. Collectively, civil liberties and political rights form the basis of a democratic system of government. Political rights contribute to it by making the government accountable to the people, by giving greater importance to the concerns of the individual over that of the rulers and by ensuring that all persons have an opportunity to influence the decisions of the government.</p> <p>Questions:</p> <p>(i) What does the political rights include?</p> <p>(ii) Why Political rights are enshrined in our Constitution?</p> <p>(iii) Political rights is enshrined in which part of our Constitution?</p>	(1+1+2=4)	Interdisciplinary & Analytical Thinking
5	<p>LONG ANSWER QUESTION</p> <p>How Rights and Liberties are linked together?</p> <p style="text-align: center;">OR</p> <p>State the improvement in the status of women as a result of reservation in seats in Local government.</p>	6	Critical Thinking
	<p>PART II</p> <p>STANDARD (COMPETANCE BASED QUESTION)</p>		
6	<p>ASSERTION REASON BASED QUESTION:</p> <p>Directions (Q. Nos. 1 & 2) In the questions given below, there are two statements marked as Assertion (A) and Reason (R). Read the statements and choose the correct option.</p> <p>(a) Both A and R are true and R is the correct explanation of A</p> <p>(b) Both A and R are true, but R is not the correct explanation of A</p>	(1X2=2)	CBQ Information Real life application Based on CBQ

	<p>(c) A is true, but R is false (d) A is false, but R is true</p> <p>(i) Assertion (A): A right is essentially an entitlement or a justified claim. Reason (R): The right to vote, right to form political parties and right to contest elections are the parts of economic rights.</p> <p>(ii) Assertion (A): The 74th Amendment of the Constitution focuses on rural local governments. Reason (R): The 74th Amendment includes provisions related to the Twelfth Schedule.</p>		Understanding Based CBQ
7	<p>VERY SHORT ANSWER QUESTION What are three kinds of Natural rights? OR Differentiate between the Constitutional rights and Natural rights? OR Mention some rights which have not been granted to people by Democratic states</p>	2	Application based CBQ Real life relevance based CBQ Understanding based CBQ
8	<p>SHORT ANSWER QUESTION Discuss the constitutional position of the Local government. OR Write a short note on State Finance Commission. Explain the importance of Right of Education.</p>	4 4	Critical thinking based Question Evaluation based CBQ
9	<p>Study the cartoon carefully and answer the questions that follow:</p>  <p>Questions: (i) Is there any feature that strikes you in the picture?</p>	(1+1+2=4)	Critical and Analytical thinking

	<p>(ii) What was this gathering called in ancient times?</p> <p>(iii) Mention any two provisions for the upliftment of status of women?</p>		
10	<p>LONG ANSWER QUESTION</p> <p>Discuss in detail about the amendments done for the empowerment done for Local bodies in India?</p> <p style="text-align: center;">OR</p> <p>Explain some Political rights and Civil rights of the people.</p>	6	Analytical Skill based CBQ



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XI
ACADEMIC SESSION 2025-26
WORKSHEET (SELF –ASSESSMENT)



Subject: Psychology
Allotment Date: 30 November 2025

Assignment No.: 6
Marks-20+20=40

PART I

BASIC(GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1	What is the scientific study of behavior and mental processes called? a) Psychology b) Sociology c) Anthropology d) Philosophy	1	Remembering
2	Which of the following is a goal of psychology? a) To understand human behavior b) To predict human behavior c) To control human behavior d) All of the above	1	Understanding
3	Which branch of psychology focuses on the study of subjective experience?	1	Information
4	What is the primary method of data collection in psychology? a) Experimentation b) Observation c) Survey d) Case study	1	Evaluation Skill
5	Which of the following is a type of research design? a) Experimental design b) Correlational design c) Descriptive design d) All of the above	1	Remembering

6	How does the concept of perception in psychology relate to the physiological responses studied in biology?	1	Interdisciplinary
7	What is the main function of the nervous system? a) To control movement b) To regulate emotions c) To process information d) All of the above	1	Understanding
8	Identify the main difference between bottom-up and top-down processing in perception. Give one real-world example of each.	3	Communication Skills
9	Compare sensory memory and short-term memory in terms of capacity and duration, and discuss why both are necessary for perceiving a moving image.	4	Understanding/Analyse
10	Design a short classroom activity (5-7 minutes) that incorporates dual-coding and retrieval practice to teach the concept of perceptual constancy. Justify each component with theory and explain how you would assess learning.	6	Problem Solving
PART II STANDARD (COMPETENCY BASED QUESTIONS)			
1	The nature-nurture debate is concerned with the relative contributions of _____ and _____ to human behavior.	1	HOT
2	What is the relationship between free will and determinism? How do psychological theories inform our understanding of human agency?	1	Interdisciplinary
3	In the following question a statement of Assertion (A) is followed by a statement of Reason (R). Choose the correct alternative among those given below: Assertion (A): Psychology is a science. Reason (R): Psychology uses scientific methods to study behavior and mental processes.. a) Both A and R are true, and R is the correct explanation of A. b) Both A and R are true, but R is not the correct explanation of A. c) A is true, but R is false. d) A is false, but R is true.	1	Critical Thinking and Problem Solving

4	<p>Assertion (A): The brain is the center of all psychological processes.</p> <p>Reason (R): The brain is responsible for controlling all bodily functions.</p> <p>a) Both A and R are true, and R is the correct explanation of A.</p> <p>b) Both A and R are true, but R is not the correct explanation of A.</p> <p>c) A is true, but R is false.</p> <p>d) A is false, but R is true.</p>	1	Evaluation
5	<p>Match the following psychological concepts with their definitions:</p> <ol style="list-style-type: none"> 1. Nature-nurture debate 2. Cognitive bias 3. Classical conditioning 4. Introspection <p>Definitions:</p> <p>A) A debate about the relative contributions of genetics and environment to human behavior</p> <p>B) A systematic error in thinking and decision-making</p> <p>C) A learning process in which a neutral stimulus is paired with an unconditioned stimulus</p> <p>D) A method of self-observation and reflection</p>	1	Analytical Thinking
6	<p>What is the importance of random sampling in research?</p> <p>a) To ensure the sample is representative of the population</p> <p>b) To reduce bias in the sample</p> <p>c) To increase the sample size</p> <p>d) All of the above</p>	1	Logical Reasoning
7	<p>Assertion (A): The brain is the center of all psychological processes.</p> <p>Reason (R): The brain is responsible for controlling all bodily functions.</p> <p>a) Both A and R are true, and R is the correct explanation of A.</p> <p>b) Both A and R are true, but R is not the correct explanation of A.</p> <p>c) A is true, but R is false.</p> <p>d) A is false, but R is true.</p>	1	Reasoning
8	<p>Name two factors that can cause retroactive interference in a classroom setting.</p>	3	Critical Thinking and Problem solving
9	<p>Explain how context-dependent memory can be used to improve exam performance, citing a specific study.</p>	4	Interdisciplinary

10	Evaluate the impact of sleep on memory consolidation for declarative versus procedural information. Use at least two empirical findings to support your evaluation and suggest how a teacher might schedule study sessions accordingly.	6	Evaluation Skill/Problem Solving
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ARMY PUBLIC SCHOOL GWALIOR
CLASS - XI
ACADEMIC SESSION 2025-26
WORKSHEET (SELF –ASSESSMENT)



Subject: Computer Science
Allotment Date: 30 November 2025

Assignment No.: 6
Marks-20+20=40

PART I

BASIC (GENERAL QUESTIONS)

Q No.	Questions Section-A (20Marks)	Marks	Nature
1	Dictionaries are set of elements. a) sorted b) ordered c) unordered d) random	1	Understanding
2	Dictionaries are also called a) mappings b) hashes c) associative arrays d) all of these	1	Understanding
3	Dictionaries are data types of Python. a) Mutable b) immutable c) simple d) all of these	1	Understanding
4	Which of the following functions will return the key, value pairs of a dictionary ? a) keys() b) values() c) items() d) all of these	1	Understanding

5	<p>Which of the following will add a key to the dictionary only if it does not already exist in the dictionary ?</p> <p>a) fromkeys()</p> <p>b) update()</p> <p>c) setdefault()</p> <p>d) all of these</p>		Remembering
6	<p>Which of the following will create a dictionary with given keys and a common value ?</p> <p>a) fromkeys()</p> <p>b) update()</p> <p>c) setdefault()</p> <p>d) all of these</p>	1	Evaluation
7	<p>Which value is assigned to keys, if no value is specified with the fromkeys() method ?</p> <p>a) 0</p> <p>b) 1</p> <p>c) None</p> <p>d) any of these</p>	1	Evaluation
8	<p>Which of the following can be used to delete item(s) from a dictionary?</p> <p>a) del statement</p> <p>b) pop()</p> <p>c) popitem()</p> <p>d) all of these</p>	1	Understanding/Analyse

9	Which of the following will raise an error if the given key is not found in the dictionary ? a) del statement b) pop() c) popitem() d) all of these	1	Problem Solving
10	Why is a dictionary termed as an unordered collection of object?	2	Remembering
11	What type of objects can be used as keys in dictionaries ?	3	Understanding
12	Can you change the order of dictionary's contents, i.e., can you sort the contents of a dictionary ?	3	Remembering
13	Can you check for a value inside a dictionary using in operator? How will you check for a value inside a dictionary using in operator?	3	Understanding
PART II STANDARD (COMPETENCY BASED QUESTIONS) (20Marks)			
Q 14 and 15 are ASSERTION AND REASONING based questions. Mark the correct choice as (a) Both A and R are true and R is the correct explanation for A (b) Both A and R are true and R is not the correct explanation for A (c) A is True but R is False (d) A is false but R is True			
14	Assertion (A): In Python, dictionary keys must be unique. Reason (R): If duplicate keys are written in a dictionary, Python keeps only the last assigned value.	1	HOT
15	Assertion (A): The get() method in a dictionary does not raise an error when the key is not found. Reason (R): The get() method always returns the last key of the dictionary.	1	HOT
16	Assertion (A): The keys() and values() methods of a dictionary return iterable views. Reason (R): Iterable views allow us to loop through dictionary keys and values without creating separate lists.	1	Critical Thinking and Problem Solving

18	Dictionary is a mutable type, which means you can modify its contents ? What all is modifiable in a dictionary ? Can you modify the keys of a dictionary ?	3	Analytical Thinking
19	How is del D and del D[<key>] different from one another if D is a dictionary ?	3	Logical Reasoning
20	How is clear() function different from del <dict> statement ?	3	Logical Reasoning
21	What all types of values can you store in : 1. dictionary-values ? 2. dictionary-keys ?	2	Critical Thinking and Problem solving
22	<p>A school maintains a dictionary to store the marks of students in a unit test. The dictionary marks stores student names as keys and their marks out of 50 as values.</p> <pre>marks = { "Amit": 42, "Sneha": 38, "Rohit": 47, "Anjali": 29, "Tara": 50, "Karan": 23 }</pre> <p>You are required to write a Python program to perform the following tasks:</p> <ol style="list-style-type: none"> 1. Find and print the names of students who scored above the class average. 2. Find the student(s) with the highest mark and print their name(s) with marks. 3. Remove all students who scored less than 30 (failed students) from the dictionary. 4. Display the updated dictionary. <p>You must write the Python code and also explain the logic behind your solution.</p>	5	Critical Thinking and Problem solving



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XI
ACADEMIC SESSION 2025-26
WORKSHEET (SELF –ASSESSMENT)



Subject: Physical Education
Allotment Date: 30 November 2025

Assignment No.: 6
Marks-20+20=40

PART I
BASIC (GENERAL QUESTIONS)

S. No.	QUESTIONS	MARKS	NATURE
1.	Define kinesiology and biomechanics in detail. Explain how these two scientific studies are interrelated and contribute to understanding human movement in sports.	3	Conceptual Based
2.	“Kinesiology and biomechanics play a vital role in improving sports performance.” Justify this statement with suitable examples.	3	Conceptual Based
3.	Describe the significance of biomechanics in improving sports techniques. Give two examples from different sports where biomechanics is used effectively.	3	Conceptual Based
4.	What is the principle of leverage? Explain with an example how the human body acts as a system of levers in sports movements.	3	Application Based
5.	Differentiate between abduction and adduction with the help of examples from sports like gymnastics or basketball.	3	Knowledge Based
6.	Explain how the concepts of planes and axes are applied in various sports activities like gymnastics, swimming, and athletics.	5	Conceptual Based

PART II
STANDARD (COMPETENCY BASED QUESTIONS)

S. No.	QUESTIONS	MARKS	NATURE
1.	A coach observes that a long jumper is unable to cover enough distance despite high speed on the runway. As a physical education expert, explain how the knowledge of kinesiology and biomechanics can help improve the jumper's technique.	3	Analytical
2.	A gymnast performs a cartwheel. Identify the types of body movements involved and explain their importance in maintaining body coordination.	3	Application-based
3.	A physical education teacher demonstrates a cartwheel to students. Explain the axis and plane involved in this movement and its biomechanical application in improving coordination.	3	Conceptual Based
4.	A tennis player rotates his forearm to serve. Explain the biomechanical importance of supination and pronation in this action.	3	Application
5.	In a football training session, players are unable to control their kicks effectively. Explain how biomechanical principles can be applied to enhance the accuracy and force of their kicks.	3	Analytical
6.	A basketball player raises his arm sideways to block a shot. Identify the type of movement performed and explain its functional advantage.	5	Application



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XI
ACADEMIC SESSION 2025-26
WORKSHEET (SELF –ASSESSMENT)



Subject: NCC
Allotment Date: 30 November 2025

Assignment No.: 6
Marks-20+20=40

PART I

BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1	Which instrument is used to measure direction on a map? a) Ruler b) Compass c) Barometer d) Clinometer	1	Remembering
2	A contour line represents: a) Population b) Altitude c) Road network d) Water level	1	Understanding
3	The color red on a topographical map indicates: a) Forest b) Roads and settlements c) Water bodies d) Agricultural land	1	Information
4	During floods, the most important immediate action is: a) Evacuation and rescue of people b) Constructing new houses c) Waiting for water to recede d) Starting road construction	1	Evaluation Skill

5	Community development in NCC is promoted by: a) Social service activities b) Blood donation c) Tree plantation and cleanliness drives d) All of the above	1	Remembering
6	Which of the following is a standard infantry rifle of the Indian Army? a) INSAS rifle b) AK-47 c) LMG d) Revolver	1	Interdisciplinary
7	The main purpose of field signals is: a) To decorate uniforms b) Silent communication in battle c) For NCC parades only d) To confuse the enemy	1	Understanding
8	Describe the importance of judging distance and how it is done in field craft.	3	Communication Skills
9	Explain any four tactical hand signals used in battle craft.	4	Understanding/Analyse
10	What is the difference between cover and concealment?	6	Problem Solving
PART II STANDARD (COMPETENCY BASED QUESTIONS)			
1	What is the contour interval of a 1:50,000 scale map? a) 10 m	1	HOT

	b) 20 m c) 50 m d) 100 m		
2	What does a 6-figure grid reference provide? a) Approximate area b) Exact point location c) Map scale d) Magnetic variation	1	Interdisciplinary
3	Which formation is best for patrolling in dense jungle? a) Line formation b) Column formation c) File formation d) Extended line	1	Critical Thinking and Problem Solving
4	Camouflage is used to: a) Stay visible b) Impress others c) Avoid detection d) Walk faster	1	Evaluation
5	Which of the following is NOT a part of field craft? a) Judging distance b) Map reading c) Cover from fire d) Weapon cleaning	1	Analytical Thinking
6	Ground which gives cover from enemy fire is called: a) Concealment ground b) Dead ground	1	Logical Reasoning

	c) Observation post d) Defensive line		
7	The term dead ground refers to: a) Ground under water b) Ground not visible to enemy c) Ground with no vegetation d) Frozen land	1	Reasoning
8	Explain three safety precautions while using a compass during field exercises.	3	Critical Thinking and Problem solving
9	Explain the various methods of finding own position.	4	Interdisciplinary
10	Define Contour. What are the main characteristic of contour ?	6	Evaluation Skill/Problem Solving



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XI
ACADEMIC SESSION 2025-26
WORKSHEET (SELF -ASSESSMENT)



Subject: Health and Physical Education
Allotment Date: 30 November 2025

Assignment No.: 6
Marks-20+20=40

S.N	QUESTIONS	NATURE	MARKS
1	MCQ A. What is the height of Antina ? i) 1.80 m. ii) 1.70 m. iii) 1.82 m. iv) 2.00 m.	Understanding)	4×1=4
	B) What is the distance between centre line and attack line? i) 2 m. ii) 3 m. iii) 4 m. iv) 5 m.	Informatory	
	C) What is height of net in volleyball for women? i) 2.24 m. ii) 1.90 m. iii) 1.82 m. iv) 2.00 m.	Analytical	

	<p>D) During Volleyball match players rotate in which direction?</p> <p>i) Clock wise</p> <p>ii) Anti clock wise</p> <p>iii) Circular</p> <p>iv) Anit clock wise and clock wise</p>	Informaton	
2.	<p>B) Fill In the Blanks: -</p> <p>i. When volleyball is played in the sand, it is called _____ volleyball.</p>	Informatory	3×1=3
	<p>ii. A ball is considered fair if it touches the endline or the _____.</p>	Informatory	
	<p>iii. A type of forearm pass is called a _____.</p>	Understanding	
3.	<p>True/False</p> <p>i. . The ball can be served any where behind the back line.</p> <p>True</p> <p>False</p>	Understanding	3×1=3
	<p>ii. The ball may hit any part of the body and still be a legal hit.</p> <p>True</p> <p>False</p>	Understanding	

	<p>iii. A volley ball team must win by a two-point advantages.</p> <p>True</p> <p>False</p>		
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