

ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: English
Allotment Date: 29 April 2023

Assignment No. : 1

S. NO.	QUESTIONS	MARKS	NATURE
1	You are Vineeta/Vikram , School Pupil Leader of Rani Laxmi Bai Senior Secondary School ,Gwalior .Draft a notice for your school notice board in not more than 50 words inviting the names of the students who want to participate in the cultural programme organised in aid of the victim of the recent Assam floods.	4	Information
2	Read the extract given below and answer the questions that follow. "Driving from my parent's home to Cochin last Friday Morning .I saw my mother , beside me, Doze ,open-mouthed, her face ashen like that Of a corpse and realised with pain That she was an old as she looked but soon Put that thought away. " (i)Identify the poem and the poet. (ii)Why was the poetess driving to Cochin? (iii)What was the physical state of her old mother ? (iv)Explain:' but soon put that thought away'	4	Understanding
3	How did Mr Hamel conduct himself on the last day of his stay in the French school?	5	HOT
4	You were a witness of a daring daylight robbery .When you had gone to your bank for some personal work. Write a report on the incident in about 150-200 words.	10	Interdisciplinary
5	What forces conspire to keep the workers in poverty in the bangle industry ?	5	Analytical Skill
6	You are Rita / Rohan .Write a paragraph n introducing three language system in school. You can give points in favour or against the three language system.	6	Critical Thinking and Problem Solving
7	Answer the following questions in 30-40 words each. (i)What had been put on the bulletin board ? (ii)Mention the hazards of working in the glass bangle industry ? (iii) Why did Sam did not trust Charlie?	2x3=6	Evaluation



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: Hindi
Allotment Date: 29 April 2023

Assignment No. : 1

S. NO.	QUESTIONS	MARKS	NATURE
1	स्वास्थ्य -विभाग द्वारा आपके क्षेत्र की सफाई -व्यवस्था की ओर ध्यान न दिए जाने पर किसी दैनिक पत्र के संपादक को पत्र लिखिए।	5	Information
2	“भारत में किसानों की समस्याओं की अनदेखी ” विषय पर आलेख लिखिए ।	5	Understanding
3	नाटक का प्रथम अंग समय का बंधन है? इस कथन की पुष्टि कीजिए।	5	HOT
4	<ol style="list-style-type: none">1. विशेषीकृत पत्रकारिता से आप क्या समझते हैं ?2. हिंदी पत्रकारिता दिवस कब और किस उपलक्ष्य में मनाया जाता है?3. संपादकीय में लेखक का नाम क्यों नहीं दिया जाता है ?4. 'वॉचडॉग पत्रकारिता' किस प्रकार लोकतंत्र का प्रहरी है ?5. किन्हीं चार हिंदी समाचार पत्रों के नाम लिखिए, जिनके इंटरनेट संस्करण भी उपलब्ध हैं।	5	Interdisciplinary
5	'पर्यावरण है तो मानव है' विषय पर अनुच्छेद लिखिए।	5	Analytical Skill
6	'विश्वासपात्र मित्र जीवन की एक औषधि है' विषय पर फीचर लिखिए।	5	Critical Thinking and Problem Solving
7	घरों में काम करने वालों के जीवन की जटिलताओं का पता चलता है। घरेलू नौकरों को और किन समस्याओं का सामना करना पड़ता है। इस पर विचार प्रकट कीजिए ?	5	Evaluation

<p>8</p>	<p>बढ़ती जनसंख्या ने अनेक प्रकार की समस्याओं को जन्म दिया है-रोटी, कपड़ा, मकान की कमी, बेरोजगारी, निरक्षरता, कृषि एवं उद्योगों के उत्पादनों में कमी आदि। हम जितनी अधिक उन्नति करते हैं या विकास करते हैं, जनसंख्या उसके अनुपात में बढ़ जाती है। बढ़ती जनसंख्या के समक्ष हमारा विकास बहुत कम रह जाता है और विकास कार्य दिखाई नहीं देते। बढ़ती जनसंख्या के समक्ष सभी सरकारी प्रयास असफल दिखाई देते हैं। कृषि उत्पादन और औद्योगिक विकास बढ़ती जनसंख्या के सामने नगण्य सिद्ध हो रहे हैं। इन सभी बातों को ध्यान में रखते हुए जनसंख्या वृद्धि पर नियंत्रण की अति आवश्यकता है। इसके बिना विकास के लिए किए गए सभी प्रकार के प्रयत्न अधूरे रह जाएँगे।</p> <p>प्रश्न</p> <p>(क) बढ़ती जनसंख्या से किसमें कमी आई है?</p> <p>(i) बेरोजगारी (ii) गरीबी (iii) निरक्षरता (iv) कृषि एवं उद्योगों के उत्पादनों में</p> <p>(ख) जनसंख्या बढ़ने से किन चीजों में बढ़ोत्तरी हुई है?</p> <p>(i) लोगों के कार्य करने की क्षमता में (ii) शिक्षा में (iii) गरीबी एवं बेरोजगारी में (iv) लोगों के स्वास्थ्य में</p> <p>(ग) हमारा विकास कार्य दिखाई नहीं देता, क्योंकि</p> <p>(i) विकास के अनुपात में जनसंख्या वृद्धि अधिक है। (ii) जनसंख्या वृद्धि कम है। (iii) उपर्युक्त दोनों । (iv) इनमें से कोई नहीं</p>	<p>5</p>	<p>Communication Skills</p>
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ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: Mathematics
Allotment Date: 29 April 2023

Assignment No. : 1

S. NO.	QUESTIONS	MARKS	NATURE
1	Let L be the set of all lines in a plane and R be the relation in L defined as $R = \{(L_1, L_2) : L_1 \text{ is perpendicular to } L_2\}$ Then, which one is correct (a) R is reflexive and symmetric but not transitive (b) R is an equivalence relation (c) R is symmetric but neither reflexive nor transitive (d) R is reflexive and transitive but not symmetric	1	HOT
2	Let $f: R \rightarrow R$ be defined by $f(x) = 3x$. Then: (a) f is one-one onto (b) f is many one onto (c) f is one-one but not onto (d) f is neither one-one nor onto	1	Understanding
3	Let $A = \{a, b, c, d\}$. Then a relation $R = \{(a, b), (b, a), (a, a)\}$ on A is (a) Symmetric only (b) Transitive only (c) Symmetric and Transitive only (d) Reflexive and transitive only	1	HOT
4	The matrix $\begin{bmatrix} 0 & 5 & -7 \\ -5 & 0 & 11 \\ 7 & -11 & 0 \end{bmatrix}$ is a: (a) skew symmetric matrix (b) diagonal matrix (c) scalar matrix (d) symmetric matrix	1	Understanding
5	The relation 'R' in $N \times N$ such that: $(a, b) R (c, d) \Rightarrow a + d = b + c$ (a) Reflexive but not symmetric (b) Reflexive and transitive but not symmetric (c) An equivalence relation (d) symmetric but not reflexive	1	Understanding
6	Let $R = \{(a, a^3) : a \text{ is prime number less than } 4\}$ be a relation. Then the range of R is: (a) {8} (b) {8, 27} (c) {27} (d) none of these	1	Understanding

7	If $A = \begin{bmatrix} \cos\alpha & -\sin\alpha \\ \sin\alpha & \cos\alpha \end{bmatrix}$ and $A + A' = I$, then the value of α is: (a) $\pi/6$ (b) π (c) $\pi/2$ (d) $3\pi/2$	1	Understanding
8	If $A = \begin{bmatrix} 0 & -4 & 1 \\ 2 & \lambda & -3 \\ 1 & 2 & -1 \end{bmatrix}$, then A^{-1} exists if : (a) $\lambda = 4$ (b) $\lambda = 8$ (c) $\lambda \neq 8$ (d) $\lambda \neq 4$	1	Information
9	Assertion- Reason Type: Direction: The following questions are Assertion-Reason type questions. Each of these questions contains two statements: Assertion (A) and Reason (R). Each of these questions also has four alternative choices, only one of which is the correct answer. You have to select the correct choice. (a) Both A and R are true and R is the correct explanation of A. (b) Both A and R are true and R is the not correct explanation of A. (c) A is true but R is false. (d) A is false but R is true. Assertion (A): A 2 x 2 matrix $A = [a_{ij}]$, whose elements are given by $a_{ij} = i \times j$, is $\begin{bmatrix} 1 & 2 \\ 2 & 4 \end{bmatrix}$ Reason (R) : If A is 4 x 2 matrix , then the elements in A is 5.	1	Information
10	Write the smallest reflexive relation on the set $A = \{2,3,4\}$.	2	Understanding
11	Let the relation R be defined in N by aR_b if $2a+3b = 30$. Find R.	2	HOT
12	Let R be defined on $A = \{1,2,3,4,5\}$ by $R = \{(a,b) : a^2 - b^2 < 8\}$. Find R.	2	HOT
13	If $\begin{bmatrix} 2x + y & 3x \\ 5x - y & 7y - 4x \end{bmatrix} = \begin{bmatrix} 7 & 6 \\ 7 & 13 \end{bmatrix}$, find the value of x and y.	2	Analytical Skill
14	Let $A = \{1, 2, 3, \dots, n\}$ and $B = \{a, b\}$. Then write the number of surjective functions from A into B.	2	Analytical Skill
15	Let R be defined on $A = \{1,2,3,4,5\}$ by $R = \{(a,b) : a^2 - b^2 < 8\}$. Find R.	3	Interdisciplinary
16	If matrix $A = \begin{bmatrix} 2 & -2 \\ -2 & 2 \end{bmatrix}$, and $A^2 = p A$, then write the value of p .	3	Critical Thinking and Problem Solving
17	If $A = \begin{bmatrix} 0 & 0 \\ 2 & 0 \end{bmatrix}$, then find A^{20} .	3	Interdisciplinary
18	Solve the matrix equation: $A \begin{bmatrix} 1 & -2 \\ 1 & 4 \end{bmatrix} = \begin{bmatrix} 1 & 2 \\ -1 & 3 \end{bmatrix}$ by using concept of inverse.	3	
19	Case Study: Three students Ram, Mohan, and Ankit go to a shop to buy stationary. Ram purchases 2 dozens note books, 1 dozen pens and 4 pencils,	4	Critical Thinking and Problem Solving

	<p>Mohan purchases 1 dozens note books, 6 pens and 8 pencils and Ankit purchases 6 note books, 4 pens and 6 pencils. A notebook cost Rs 15, a pen cost Rs 4.50 and a pencil cost Rs 1.50. Let A and B be the matrices representing the number of items purchased by the three students and the prices of the items respectively.</p> <p>Based on the above information, answer the following questions:</p> <p>(i) The order of matrix B representing the price of three items is: (a) 3x1 (b)1x3 (c)1x1 (d)3x3</p> <p>(ii) The order of matrix A representing items purchased by three students is: (i) 1x3 (b) 2x3 (c) 3x3 (d) 3x1</p> <p>(iii) The order of product matrix AB is: (a)2x2 (b)3x3 (c)3x1 (d) 1x3</p> <p>(iv) The bill amount of Ram is: (a)Rs 360 (b)Rs 420(c) Rs 219 (d) Rs 117</p>		
20	<p>Let $A = \{1,2,\dots,9\}$ and R be the relation in $A \times A$ defined by $(a,b) R(c,d)$ if $a+d = b+c$, for $(a,b), (c,d)$ in $A \times A$. Prove that R is an equivalence relation. Also obtain the equivalence class $\{(2,5)\}$.</p>	5	Critical Thinking and Problem Solving

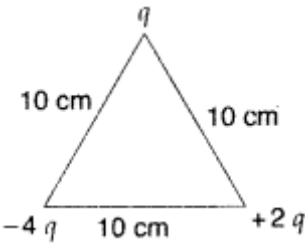


ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: Physics
Allotment Date: 29 April 2023

Assignment No. : 1

S. NO.	QUESTIONS	MARKS	NATURE
1	A 500 μC charge is at the centre of a square of side 10 cm. Find the work done in moving a charge of 10 μC between two diagonally opposite points on the square.	2	Information
2	What is the electrostatic potential due to an electric dipole at an equatorial point?	2	Understanding
3	Why is electrostatic potential constant throughout the volume of the conductor and has the same value (as inside) on its surface?	2	Interdisciplinary
4	What is the amount of work done in moving a point charge around a circular arc of radius r at the centre of which another point charge is located?	2	Understanding
5	Two charges $4\mu\text{C}$ and $-4\mu\text{C}$ are placed at points A and B 3 cm apart. Depict an equipotential surface of the system	2	Analytical Skill
6	What is the magnitude of electric field intensity that will balance the weight of an electron?(Given Charge on electron $e=1.6 \times 10^{-19}$ C. Mass of electron , $m = 9 \times 10^{-31}$ kg.).	2	Evaluation
7	A piece of paper when brought near a charged body is attracted towards it but after touching the body, it falls away .Why?	3	Communication skill
8	What kinds of charges are produced on each when (i) a glass rod is rubbed with silk second and (ii) an ebonite rod is rubbed with wool?	3	Information

S. NO.	QUESTIONS	MARKS	NATURE
9	<p>Calculate the work done to dissociate the system of three charges placed on the vertices of a triangle as shown</p> 	3	Analytical Skill
10	<p>Two concentric metallic spherical shell of radius R and 3 R are given charges Q_1 and Q_2 respectively. The surface charge densities on the outer surfaces of the shells are equal. Determine the ratio of $Q_1: Q_2$</p>	3	HOT
11	<p>Calculate the total charge enclosed by a closed surface if the number of electric line of force entering it is 10,000 and leaving is 20,000.</p>	3	Evaluation
12	<p>Draw 3 equipotential surfaces corresponding to a field that uniformly increases in magnitude but remains constant along Z-direction. How are these surfaces different from that of a constant electric field along Z-direction?</p>	3	HOT
13	<p>Define electric field at a point .Two point charges q and $-q$ are place at a distance $2a$ apart .Calculate the electric field at a point 'P' situated at a distance 'r' along the perpendicular bisector of the line joining the charges. What is the field when $r \gg a$.</p>	5	Critical thinking and Problem solving
14	<p>Two point charges $20 \times 10^{-6} \text{ C}$ and $-4 \times 10^{-6} \text{ C}$ are separated by a distance of 50 cm in air. (i) Find the point on the line joining the charges, where the electric potential is zero. (ii) Also find the electrostatic potential energy of the system</p>	5	Interdisciplinary



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: Chemistry
Allotment Date: 29 April 2023

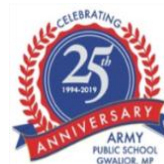
Assignment No. : 1

S. NO.	QUESTIONS	MARKS	NATURE
1	.How Raoult's law is similar to Henry's law. Write their mathematical expressions?	2	Analytical Skills
2	.Define the following terms a.Binary solution b.Azeotropes	2	Understanding
3	What is meant by molarity of a solution? State one disadvantage in using the molarity as the unit of concentration	2	Analytical Skills
4	Mention any two applications of Henry's law.	2	Interdisciplinary
5	How is molarity different from molality?	2	Understanding
6	State Henry's law. What is significance of K_H ?	2	Information
7	Define the term solution. How many types of solutions are formed. Explain briefly.	3	Information
8	. A solution of glucose (molar mass=180g/mol) in water is labelled as 10%(by mass). What would be molarity and molality of the solution. Density of solution =1.2g/mL	3	HOT

S. NO.	QUESTIONS	MARKS	NATURE
9	What do you mean by ideal solution? Write down the conditions for a solution to be ideal?	3	Understanding
10	Why are aquatic species more comfortable in cold water in comparison to warm water?	3	HOT
11	The density of water of a lake is 1.25g/mL and one kg of this water contains 92g of Na ⁺ ions. What is molarity of Na ⁺ ions in water of the lake?	3	Interdisciplinary
12	Why solutions show deviation from Raoult's law. Explain.	3	Interdisciplinary
13	What type of deviation is shown by a mixture of ethanol and acetone? Explain with the help of graph.	5	Understanding
14	Taking an example of a mixture showing negative deviation, explain negative deviation, and draw graph also.	5	HOT

	<p>not the correct explanation of Assertion.</p> <p>c) If Assertion is true but Reason is false.</p> <p>d) If both Assertion and Reason are false</p>		
3	Give an example of a plant which came into India as a contaminant and is a cause of pollen allergy.	2	Information
4	A bilobed, dithecous anther has 100 microspore mother cells per microsporangium. How many male gametophytes this anther can produce?	2	Interdisciplinary
5	<p>(i) Draw a labelled diagrammatic view of human male reproductive system.</p> <p>(ii) Differentiate between vas deferens and vasa efferentia.</p>	2	HOT
6	When do the oogenesis and the spermatogenesis initiate in human females and males, respectively?	2	Information
7	A pollen grain in angiosperm at the time of dehiscence from an anther could be 2-celled or 3-celled. Explain, how are the cells placed within the pollen grain when shed at a 2-celled stage?	3	Understanding
8	In a flowering plant, a microspore mother cell produces four male gametophytes while a megaspore mother cell forms only one female gametophyte. Explain.	3	Interdisciplinary

9	Mention the differences between spermiogenesis and spermiation.	3	Information
10	List the changes the primary oocyte undergoes in the tertiary follicular stage in human embryo.	3	HOT
11	Draw a sectional view of human ovary showing the different stages of developing follicles, corpus luteum and ovulation.	3	Hot
12	Explain the role of pituitary and sex hormones in the process of spermatogenesis.	3	Understanding
13	Explain the events in a normal woman during her menstrual cycle on the following days: (i) Ovarian event from 13-15 days. (ii) Ovarian hormones level from 16-23 days. (iii) Uterine events from 24-29 days.	5	Information
14	Explain the steps in the formation of an ovum from oogonium in humans.	5	Evaluation



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: Accountancy
Allotment Date: 29 April 2023

Assignment No. : 1

S. NO.	QUESTIONS	MARKS	NATURE
	<p>Read the following information carefully and answer the questions that follow:</p> <p>X and Y are partners in 3:2. Their capital balances as on 1st April 2020 amounting to Rs.2,00,000 each. On 1st February, 2021, X contributed an additional capital of Rs.1,00,000. Following are the terms of deed:</p> <p>a) Interest on capital @ 6% per annum b) Interest on drawings @ 8% per annum c) Salary to X Rs.1500 per month d) Commission to Y @10% on net profit after charging interest on capital, salary and his commission. Drawings of the partners were Rs.20,000 and Rs.30,000 respectively during the year. Net profit earned by the firm was Rs.2,08,000.</p>		
1.	<p>What is the amount of Interest on capitals of X and Y:</p> <p>a) Rs.12,000 each b) Rs.12,000 to X and Rs. Rs.13,000 to Y c) Rs.13,000 to X and Rs.12,000 to Y d) None of the above</p>	1	Application
2.	<p>What is the amount of interest on drawings of X and Y:</p> <p>a) Rs. 1200 and Rs. 1800 respectively b) Rs. 800 and Rs. 1200 respectively c) Rs. 1200 and Rs. 800 respectively d) Rs. 1600 Rs. 2400 respectively</p>	1	Reasoning
3.	<p>What is the amount of commission payable to Y?</p> <p>a) Rs. 15000 b) Rs. 16500 c) Rs. 20800 d) None of these</p>	1	Computation
4.	<p>What is X's share in the net divisible profit?</p> <p>a) Rs. 124400 b) Rs. 83600 c) Rs. 91200 d) Rs. 60800</p>	1	Understanding
5.	<p>What will be the closing capital of X after all adjustments?</p> <p>a) Rs. 422200</p>	1	Knowledge

	<p>b) Rs. 401400 c) Rs. 300000 d) Rs. 423000</p>												
6.	<p>Ritesh and Hitesh are childhood friends. Ritesh is a consultant whereas Hitesh is an architect. They contributed equal amounts and purchased a building for Rs. 2 crores. After a year, they sold it for Rs. 3 crores and shared the profits equally. Are they doing the business in partnership ? Give reason in support of your answer.</p>	1	Understanding										
7.	<p>Assertion (A): Rent payable to partner is credited to Partner's Capital account.</p> <p>Reason(R): Rent is payable to partner for letting the firm use his personal property for business.</p> <p>a) Both (A) and (R) are true and (R) is the correct explanation of (A) b) Both (A) and (R) are true and (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	Understanding										
8.	<p>Assertion (A): Goodwill is valued at the time of firm's reconstitution because gaining partners have to compensate the partners for gaining profit share.</p> <p>Reason(R): Goodwill is an Intangible assets which is recognized in the books of accounts if amount is paid for it.</p> <p>a) Both (A) and (R) are true and (R) is the correct explanation of (A) b) Both (A) and (R) are true and (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	Remembering or knowledge										
9.	<p>Sun and Star were partners in a firm sharing profits in the ratio of 2 : 1.</p> <p>Moon was admitted as a new partner in the firm. New profit sharing ratio was 3 : 3 : 2. Moon brought the following assets towards his share of goodwill and his capital :</p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th style="text-align: center;">Rs.</th> </tr> </thead> <tbody> <tr> <td>Machinery</td> <td style="text-align: right;">2,00,000</td> </tr> <tr> <td>Furniture</td> <td style="text-align: right;">1,20,000</td> </tr> <tr> <td>Stock</td> <td style="text-align: right;">80,000</td> </tr> <tr> <td>Cash</td> <td style="text-align: right;">50,000</td> </tr> </tbody> </table> <p>If his capital is considered as Rs. 3,80,000, the goodwill of the firm will be :</p>		Rs.	Machinery	2,00,000	Furniture	1,20,000	Stock	80,000	Cash	50,000	1	Application
	Rs.												
Machinery	2,00,000												
Furniture	1,20,000												
Stock	80,000												
Cash	50,000												

	(A) Rs. 70,000 (B) Rs. 2,80,000 (C) Rs. 4,50,000 (D) Rs. 1,40,000		
10.	Vihaan and Mann are partners sharing profits and losses in the ratio of 3:2. The firm maintains fluctuating capital accounts and the balance of the same as on 31st March 2022 is Rs. 4,00,000 and Rs. 4,65,000 for Vihaan and Mann respectively. Drawings during the year were Rs. 65,000 each. As per the partnership Deed, Interest on capital @ 10% p.a. on Opening Capital has been allowed to them. Calculate the opening capital of Vihaan given that the divisible profits during the year 2021-22 was Rs. 2,25,000. a) Rs. 3,30,000 b) Rs. 4,40,000 c) Rs. 4,00,000 d) Rs. 3,00,000	1	Application
11.	The capital of the firm of Anuj and Benu is Rs. 10,00,000 and the market rate of interest is 15%. Annual salary to the partners is Rs. 60,000 each. The profit for the last three years were Rs. 3,00,000, Rs. 3,60,000 and Rs. 4,20,000. Goodwill of the firm is to be valued on the basis of two years purchase of last three years average super profits. Calculate the goodwill of the firm.	3	Understanding
12.	Ram, Mohan and Sohan were partners sharing profits in the ratio of 2 : 1 : 1. Ram withdrew Rs. 3,000 every month and Mohan withdrew Rs. 4,000 every month. Interest on drawings @ 6% p.a. was charged, whereas the partnership deed was silent about interest on drawings. Showing your working clearly, pass the necessary adjustment entry to rectify the error.	3	Understanding and knowledge
13.	Doremon, Shinchon and Nobita are partners sharing profits and losses in the ratio of 3:2:1. With effect from 1st April, 2022 they agree to share profits equally. For this purpose, goodwill is to be valued at two year's purchase of the average profit of last four years which were as follows: Year ending on 31st March,2019 Rs. 50,000 (Profit) Year ending on 31st March,2020 Rs. 1,20,000 (Profit) Year ending on 31st March,2021 Rs. 1,80,000 (Profit) Year ending on 31st March,2022 Rs. 70,000 (Loss) On 1st April, 2021 a Motor Bike costing Rs. 50,000 was purchased and debited to travelling expenses account, on which depreciation is to be charged @ 20% p.a by Straight Line Method. The firm also paid an annual insurance premium of Rs. 20,000 which had already been charged to Profit and Loss Account for all the years. Journalise the transaction along with the working notes.	4	Understanding
14.	Amay, Anmol and Rohan entered into partnership on 1st July, 2021 to share profits and losses in the ratio of 3:2:1. Amay guaranteed that Rohan's share of profit after charging interest on capital @ 6% p.a would not be less than Rs. 36,000 p.a. Their fixed capital balances are: Rs. 2,00,000, Rs. 1,00,000 and Rs. 1,00,000 respectively. Profit for the year ended 31st March, 2022 was Rs.1,38,000. Prepare Profit and Loss Appropriation A/c.	4	Understanding
15.	Ajay, Manish and Sachin were partners sharing profits in the ratio 5:3:2. Their Capitals were Rs. 6,00,000; Rs. 8,00,000 and Rs.	4	Knowledge and application

	<p>11,00,000 as on April 01, 2021. As per Partnership deed, Interest on Capitals were to be provided @ 10% p.a. For the year ended March 31, 2022, Profits of Rs. 2,00,000 were distributed without providing for Interest on Capitals.</p> <p>Pass an adjustment entry and show the workings clearly.</p>		
16.	<p>Jay, Vijay and Karan were partners of an architect firm sharing profits in the ratio of 2 : 2 : 1. Their partnership deed provided the following :</p> <p>(i) A monthly salary of Rs. 15,000 each to Jay and Vijay.</p> <p>(ii) Karan was guaranteed a profit of Rs. 5,00,000 and Jay guaranteed that he will earn an annual fee of Rs. 2,00,000. Any deficiency arising because of guarantee to Karan will be borne by Jay and Vijay in the ratio of 3 : 2. During the year ended 31st March, 2018 Jay earned fee of Rs. 1,75,000 and the profits of the firm amounted to Rs. 15,00,000.</p> <p>Showing your workings clearly prepare Profit and Loss Appropriation Account and the Capital Account of Jay, Vijay and Karan for the year ended 31st March, 2018.</p>	6	Knowledge and application
17.	<p>Moli, Bhola and Raj were partners in a firm sharing profits and losses in the ratio of 3 : 3 : 4. Their partnership deed provided for the following :</p> <p>(i) Interest on capital @ 5% p.a.</p> <p>(ii) Interest on drawing @ 12% p.a.</p> <p>(iii) Interest on partners' loan @ 6% p.a.</p> <p>(iv) Moli was allowed an annual salary of Rs. 4,000; Bhola was allowed a commission of 10% of net profit as shown by Profit and Loss Account and Raj was guaranteed a profit of Rs. 1,50,000 after making all the adjustments as provided in the partnership agreement. Their fixed capitals were Moli : Rs. 5,00,000; Bhola : Rs. 8,00,000 and Raj : Rs. 4,00,000. On 1st April, 2016 Bhola extended a loan of Rs. 1,00,000 to the firm. The net profit of the firm for the year ended 31st March, 2017 before interest on Bhola's loan was Rs. 3,06,000. Prepare Profit and Loss Appropriation Account of Moli, Bhola and Raj for the year ended 31st March, 2017 and their Current Accounts assuming that Bhola withdrew Rs. 5,000 at the end of each month, Moli withdrew Rs. 10,000 at the end of each quarter and Raj withdrew Rs. 40,000 at the end of each half year.</p>	6	Knowledge and application



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: Business Studies
Allotment Date: 29 April 2023

Assignment No. : 1

S. NO.	QUESTIONS	MAR KS	NATURE
1.	The objective of management which consistently creates economic value for various constituents of society is: a. Organisational objective b. Social objective c. Personal objective d. Both social and personal objective	1.	Understanding
2.	“Any one can be called a manager irrespective of the educational qualification possessed”. identify the characteristics of the profession that management does not fulfil in the statement being discussed above. a. Ethical code of conduct b. Professional Association c. Restricted entry d. Service motive	1	Knowledge
3.	‘Even when members of department willingly cooperate and work, a manager has to coordinate the efforts of different people in a conscious manner.’ Identify the characteristics of management discussed above. a. Coordination ensure unity of action b. Coordination is a deliberate function c. Coordination is a continuous process d. Coordination is an all pervasive function	1	Knowledge
4.	The objective of management which consistently creates economic value for various constituents of society is: a. Organisational objective b. Social objective c. Personal objective d. Both social and personal objective	1	Understanding
5.	(State true or false) The existence of management can not be seen but it can be felt.	1	Reasoning
6.	(State true or false) ‘Directing’ is basically concerned with monitoring organisational performance towards the attainment of organisational goals.	1	Reasoning
7.	Assertion (A): Management is termed as Group Activity. Reason (R) Every member of a firm joins the organisation with a different purpose and work towards achievement of personal goals and not organisational goals. Codes: (A) (A) and (R) both are correct and (R) correctly explain (A) (B) Both (A) and (R) are correct but (R) does not explain	1	Analyzing

	(A) (C) Both (A) and (R) are incorrect. (A) is correct but (R) is incorrect.		
8.	Assertion (A): Coordination act as a binding force between departments and ensures that all efforts are focused towards achieving organisational goals. Reason (R) Specialist in an organisation usually think that they only are qualified to evaluate, judge and decide according to their professional criteria. Codes: (D) (A) and (R) both are correct and (R) correctly explain (A) (E) Both (A) and (R) are correct but (R) does not explain (A) (F) Both (A) and (R) are incorrect. (G) (A) is correct but (R) is incorrect.	1	Analyzing
9.	"Management helps in development of society." How?	1	Understanding
10.	Give the meaning of process in the definition of management.	1	Remembering
11.	Mita has a successful ice cream business at Bikaner, namely 'Smartflavours'. Her ice creams are utterly delicious. She makes ice creams from fresh milk and the same are available in a wide range of flavours and packs, She sets viable business objectives and works with the same in mind in order to ensure that the customers will come back for purchasing. Having the first mover advantage, her business was doing well. To earn higher profits, she started cutting costs. This would sometimes lead to delay in delivery and the ice cream was not reaching the market in time. Over a period of time, the demand for her ice cream declined and because of it the competitors entered the market. She lost some of her market share to competitors, At the beginning of summer season, she got back to back orders for supply of 4,000 ice cream packs of different flavours for special occasions. To ensure that the task was completed and orders delivered in time she hired additional workers. She was, thus able to produce and deliver the ice cream packs but at a high production cost. While completing activities and finishing the given task for achieving goals, Mita realized that she was ignoring one of the important aspects of management. Identify the aspects of management that has been ignored by Mita, Also explain the same with the help of an example,	3	Understanding and analyzing
12.	Shiva computers Ltd. Is a leading company in computer technology and it services. The CEO of the company attributes. The success of the company to its managerial team spirit, which Have helped to handle rapid changes in technologies and to Transform into opportunities like any other business enterprise. Profits are important for survival and growth of shiva computers Ltd. The management of the company believes that a satisfied Employee creates a satisfied customer, who in turn creates Profits that leads to satisfied shareholders. The company has a strong sense of social responsibility. It has Setup many educational institutions in the field of management, Engineering and computer education in which half of the students are girls.	3	Understanding and knowledge

	Identify and explain the various types of objectives of Management being fulfilled by shiva computers ltd. By quoting Lines from the paragraph.		
13.	<p>Hema is one of the most successful manager of her company. "Kobe Ltd.". She uses her creativity and initiative in handling challenging situations at work. The knowledge gained by her during her student days at a renowned management institute as well as through her observation and experience over the years is applied by Hema in a skillful manner in the context of the realities of a given situation. She often reads books and other literature in various fields of management to keep her knowledge updated.</p> <p>(i) An aspect of the nature of management is being highlighted in the description. Identify the aspect</p> <p>(ii) Explain any three features of the aspect identified in part (i)</p>	4	Analyzing and Remembering
14.	<p>Chandrika Bhattacharya is working in Olax Ltd., a company manufacturing room heaters. She is responsible for all the activities of the business and for its impact on the society. Her job demands long hours and commitment to the organisation. (a) Identify the level at which Chandrika Bhattacharya is working, (b) State three more functions required to be performed by Chandrika Bhattacharya at this level.</p>	4	Analyzing and Remembering
15.	<p>"Success of an organisation largely depends upon its management." Explain any five reasons to justify the statement.</p>	4	Reasoning
16.	<p>What is meant by 'Coordination'? How it integrates group efforts and ensure unity of action? Explain.</p>	6	Knowledge
17.	<p>Give the meaning of management and explain how it 'creates a dynamic organisation' and 'helps in the development of society'.</p>	6	Remembering



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: Economics
Allotment Date: 29 April 2023

Assignment No. : 1

S. NO.	QUESTIONS	MARKS	NATURE
1	The good or service purchased by an individual or an enterprise is for: (a) Final use (b) Use in further production (c) Both (a) and (b) (d) Consumption	1	Information
2	A good that is meant for final use and will not pass through any more stages of production or transformations at the hands of any producer is called_____.	1	Understanding
3	A final good may also undergo transformations. True/False? Give reason	1	HOT
4	It is not in the nature of the good but in the_____that a good becomes a final good. (Fill in the blank)	1	Interdisciplinary
5	If tea leaves are used in a restaurant for tea brewing, and the drinkable tea is sold to the customers, then the tea leaves will be____. (a) Final goods (b) Intermediate good (c) Consumption goods (d) Capital goods	1	Analytical Skill
6	Goods like food and clothing and services like recreation that are consumed when purchased by their ultimate consumers are called____. (Fill in the blank)	1	Critical Thinking and Problem Solving
7	Which of the following is within the domestic territory of India? (a) State Bank of India in UK (b) Google office in India (c) Office of Tata Motors in USA (d) Russian Embassy in India	1	Evaluation
8	Foreign embassies in India are a part of India's: (a) Economic territory (b) Geographical territory (c) Both (a) and (b) (d) None of the above	1	Evaluation Skill

9	National income is always more than the domestic income. True/False? Give reason	1	Analytical Skill
10	Out of the following, who are residents of India? (a) Indians working permanently in the office of the United Nations Organisation in New York (b) Indians working in Indian Embassy in America (c) Indians working in a branch of an American Bank in India (d) Americans working in India embassy is America	1	Interdisciplinary
11	“Circular flow of income in a two sector economy is based on the axiom that one’s expenditure is other’s income.” Do you agree with the given statement? Support your answer with valid reasons.	3	Communication Skills
12	How will you treat the following in the calculation of Gross domestic Product of India? Give reasons. (a) Profits earned by a branch of foreign bank in India. (b) Salaries of Indian employees working in embassy of Japan in India (c) Salary of resident of Japan working in Indian embassy in Japan.	3	Critical Thinking and Problem solving
13	“Gross Domestic Product (GDP) does not give us a clear indication of economic welfare of a country.” Define or refute the given statement with valid reasons.	4	Interdisciplinary
14	Government incurs expenditure to popularise yoga among the masses. Analyse its impacts on GDP and welfare of the people.	4	Understanding/Analyse
15	Suppose in an imaginary economy GDP at market price in a particular fiscal year was Rs. 4000 crore, National Income was Rs. 2500 crore, Net Factor Income paid by the economy to Rest of the World was Rs. 400 crore and the value of Net Indirect Taxes is Rs. 450 crore. Estimate the value of consumption of fixed capital for the economy from the given data.	4	HOT
16	In an economy, following transactions took place. (i) Firm A sold to Firm B goods of Rs. 80 crore; to firm CRs. 50 crore; to households Rs.30 crore and goods of value Rs.10 crore remains unsold. (ii) Firm B sold to firm C goods of Rs.70 crore; to firm D Rs. 40 crore; goods of value Rs.30 crore were exported and goods of value Rs.5 crore were sold to government. Calculate: (i) Value of output of Firm A and Firm B. (ii) Value added by Firm B.	6	Critical Thinking and Problem solving
17	Which of the following items will be included/not included while estimating Gross Domestic Product (GDP)? Give valid reasons in support of your answer. (i) Wages received by an Indian working in the British Embassy in India. (ii) Financial aids received from abroad after “Fani cyclone”. (iii) Purchase of second hand machinery from abroad.	6	Evaluation



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: History

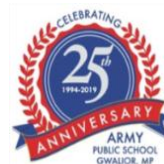
Assignment No. : 1

Allotment Date: 29 April 2023

S. NO.	QUESTIONS	MARKS	NATURE
1.	<p style="text-align: center;">Part- A</p> <p>1. Kalibangan is located at a) Gujarat b) Rajasthan c) Himachal Pradesh d) Punjab</p> <p>2. The Indus Valley Civilization was initially called a) Harappa Civilization b) Mohenjo-daro Civilization c) Punjab-Sindh Civilization d) Lothal Civilization</p> <p>3. Which is the biggest Harappan Civilization site a) Ropar b) Lothal c) Kalibangan d) Rakhigarhi</p> <p>4. In Sindhi language, the word 'Mohenjo-daro' means a) The land of the living b) Mount of the Dead c) God's own Land d) The people of Sindh</p> <p>5. 'The Great Bath' & 'The Great Granary' belong to which site a) Kalibangan b) Bhirrana c) Mohenjo-daro d) Lothal</p> <p>6. Where is Rakhigarhi located a) Gujarat b) Haryana c) Rajasthan d) Afghanistan</p> <p>7. In which of the following sites was found the seated male sculpture of the 'Priest King' a) Amri</p>	10x1=10	Understanding & Remembrance

	<p>b) Kalibangan c) Kot diji d) Mohenjo-daro</p> <p>8. Lothal is located at a) Ahmedabad b) Rajasthan c) Chandigarh d) Sindh</p> <p>9. Banawali is located at a) Ahmedabad b) Rajasthan c) Chandigarh d) Haryana</p> <p>10. The first Director-General of A.S.I. (Archaeological Survey of India) was _____. a) R. E. M. Wheeler b) Alexander Cunningham c) Sir John Marshall</p>		
2.	<p style="text-align: center;">Part- B</p> <p><i>Answer the following very short type questions:</i></p> <p>(a) What were the confusions in the mind of Cunningham while studying Harappan civilization ?</p> <p>(b) What were the differences in the techniques adopted by Marshall and Wheeler in studying Harappan civilization ?</p> <p>(c) Write a note on the Drainage system of the Harappans.</p> <p>(d) How can you say that the Harappan culture was an urban one.</p>	(4x3=12)	Informative, Understanding & Evaluating
3.	<p style="text-align: center;">Part- C</p> <p>Describe the town planning and drainage system of the Harappan civilisation.</p> <p style="text-align: center;">OR</p> <p>What light do seal and terracotta figures supposedly throw on the religious practices of the Harappan people?</p>	8	Evaluating Informative & Evaluating
4.	<p style="text-align: center;">Part- D</p> <p>(I) Read the passage and answer the questions that follow:</p> <p style="text-align: center;">How Artefacts Are Identified</p> <p>Processing of food required grinding equipment as well as vessels for mixing, blending and cooking. These were made of stone, metal and terracotta. This is an excerpt from one of the earliest reports on excavations at Mohenjodaro, the best-known Harappan site: Saddle querns ... are found in considerable numbers ... and they seem to have been the only means in use for grinding cereals. As a rule, they were roughly made of hard, gritty, igneous rock or sandstone and mostly show signs of hard usage. As their bases are usually convex, they must have been set in the earth or in mud to prevent their rocking. Two main types have been found: those on which another smaller stone was pushed or rolled to and fro, and others with which a second stone was used as a pounder, eventually making a large cavity in the nether stone.</p>	1+2+1=4	Application & Critical Analysis

	<p>Querns of the former type were probably used solely for grain; the second type possibly only for pounding herbs and spices for making curries. In fact, stones of this latter type are dubbed “curry stones” by our workmen and our cook asked for the loan of one from the museum for use in the kitchen. FROM ERNEST MACKAY, Further Excavations at Mohenjodaro, 1937.</p> <p>Questions: Q1. Which types of querns have been found in Mohanjodaro? Q2. Write any two characteristics of saddle querns? Q3. What are the two kinds of saddle?</p> <p>(ii) Read the given passage carefully and answer the Questions that follow:</p> <p style="text-align: center;">The Most Ancient System Yet Discovered</p> <p>About the drains, Mackay noted: “It is certainly the most complete ancient system as yet discovered.” Every house was connected to the street drains. The main channels were made of bricks set in mortar and were covered with loose bricks that could be removed for cleaning. In some cases, limestone was used for the covers. House drains first emptied into a sump or cesspit into which solid matter settled while waste water flowed out into the street drains. Very long drainage channels were provided at intervals with sumps for cleaning. It is a wonder of archaeology that “little heaps of material, mostly sand, have frequently been found lying alongside drainage channels, which shows ... that the debris was not always carted away when the drain was cleared”. FROM ERNEST MACKAY, Early Indus Civilisation, 1948. Drainage systems were not unique to the larger cities, but were found in smaller settlements as well. At Lothal for example, while houses were built of mud bricks, drains were made of burnt bricks.</p> <p>Questions: Q1. The drainage of which places have been found? Q2. What was the drawback in the sanitation system? Q3. Except the drains, enumerate any four characteristics of these houses?</p>	<p>1+1+2=4</p>	<p>Application & Critical Analysis</p>
<p>5</p>	<p style="text-align: center;">PART-D (Map Question)</p> <p>On the given political map of India mark and name the following: a) Kalibangan b) Banawali</p>	<p>1+1=2</p>	<p>Identification</p>



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: Political Science
Allotment Date: 29 April 2023

Assignment No. : 1

S. NO.	QUESTIONS	MARKS	NATURE
1	<p style="text-align: center;">Part-A</p> <p>Very Short Questions:</p> <p>(i) The Berlin War symbolized the division between the _____ world.</p> <p>(A) capitalist and communist (B) rich and poor (C) developed and developing. (D) East and West</p> <p>(ii) Warsaw pact signed by mainly by the countries of _____ Europe?</p> <p>(A) Eastern (B) Central (C) Southern (D) Western</p> <p>(iii) When Mikhail Gorbachev became General secretary of the communist party of Soviet Union?</p> <p>(A) 1981 (B) 1985 (C) 1989 (D) 1990</p> <p>(iv) The Soviet Union invaded Afghanistan in _____ ?</p> <p>(A) 1969 (B) 1979 (C) 1989 (D) 1999</p> <p>(v) _____ was the successor of Lenin?</p> <p>(A) Putin (B) Gaubachev (C) Stalin (D) Trotsky</p> <p>(vi) Collectivisation of agriculture was done by _____ in the USSR?</p> <p>(A) Stalin (B) Lenin (C) Yeltsin (D) Putin</p>	(10x1=10)	Informative & Understanding

	<p>(vii) Who among the following is not a Baltic republic? (A) Estonia (B) Lithuania (C) Latvia (D) London</p> <p>(viii) What is the meaning of Perestroika? (A) Rejecting (B) Recounting (C) Restructuring (D) Reopening</p> <p>(ix) _____ became the first republic to declare its independence from USSR? (A) Lithuania (B) Liberia (C) Georgia (D) Azerba</p> <p>(x) In 1991 _____ signed as the President of the Soviet Union? (A) Gorbachev (B) Yeltsin (C) Kruschev (D) Breznev</p>		
2	<p style="text-align: center;">Part-B</p> <p>Mention any two characteristics of soviet political system.</p>	2	Evaluating
2	Describe any four consequences of the disintegration of Soviet Union.	4	Evaluating
3	What were the political reasons for disintegration of Soviet Union?	4	Understanding
4	<p>CASE BASED QUESTIONS:</p> <p>After the Second World War, the east European countries that the Soviet army had liberated from the fascist forces came under the control of the USSR. The political and the economic systems of all these countries were modelled after the USSR. This group of countries was called the Second World or the 'socialist bloc'. The Warsaw Pact, a military alliance, held them together. The USSR was the leader of the bloc.</p> <p>(i) The second world war ended in _____ year. a) 1942 b) 1943 c) 1944 d) 1945</p> <p>(ii) USSR stands for _____ a) Union of Soviet b) Soviet Republic</p>	4	Analytical

	<p>c) Union of Soviet socialist Republic d) Union of Republic (iii) After second world war, the East European countries came under the control of a) USA b) USSR c) UK d) France (iv) The military alliance of Warsaw was created by _____.</p> <p>a) USA b) USSR c) Britain d) China</p>		
5	<p>Map based questions: On a political map of world locate and label the following by given symbols to them:</p> <p>Questions: a) A republic of Eastern Europe split into two peacefully. b) Most dominating republic of Soviet Union. c) Identify two major oil and gas producers of Soviet Union. d) Republic where severe conflict took place after 1991.</p>	4x1=4	Identification
6	<p style="text-align: center;">Part- C</p> <p>Analyses India's changing relationship with post communist Russia.</p>	6	Examine & Analysis
7	<p>Explain six factors which helped Soviet Union becoming superpower after Second World War.</p>	6	HOT

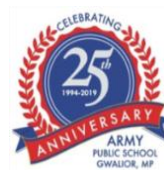


ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: Physical Education
Allotment Date: 29 April 2023

Assignment No. : 1

S.NO.	QUESTIONS	MARKS	NATURE
Part- A	Answer the following questions in 40 to 50 words:	8X2=16	
1.	What is flat foot?	2	Understanding
2.	Enlist spinal deformity.	2	Understanding
3.	Explain the term Menarche.	2	Knowledge
4.	What is Osteoporosis?	2	Knowledge
5.	What is seeding?	2	Understanding
6.	Explain the term planning.	2	Knowledge
7.	Define bye.	2	Knowledge
8.	What do you mean by single league tournament?	2	Analytical
Part- B	Answer the following questions in 60 to 90 words:	4X3=12	
1.	What are the main causes of bad posture?.	3	Understanding
2.	Discuss in detail about Female Athlete Triad.	3	Application
3.	Draw a fixture of 6 teams on knock out basis.	3	Understanding
4.	Discuss any 3 importance of tournaments.	3	Understanding
Part- C	Answer the following question in 150 to 180 words	3X4=12	
1.	Suggest any five corrective measures for Kyphosis and Lordosis.	4	Understanding
2.	Difference between League and Knock out tournament	4	Understanding
3.	Write briefly about any two types of Run.	4	Knowledge



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

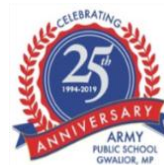
Subject: Painting

Assignment No. : 1

Allotment Date: 29 April 2023

S. NO.	SECTION A	MARKS	NATURE
1	Choose the correct Answer: In which two religions were manuscripts of Pala school and Western school based (a) Hinduism and Christianity (b) Buddhism and Jainism (c) Hinduism and Buddhism (d) Jainism and Islam	1	Understanding
2	Kalpasutra and Kalkacharya Katha are the painted manuscripts of which of the following schools? (a) Pala schools (b) Deccan schools (c) Jain schools (d) Pahari schools	1	Understanding
3	Which is the most prominent centre of Western Indian School of painting (a) Nalanda (b) Gujrat (c) Vikramshala (d) Jodhpur	1	understanding
4	Which of them is an example of a palm leaf manuscript that means the 'Perfection of Wisdom' written in eight thousand lines. (a) Chauranchasika (b) Laur Chanda (c) Astasahasrika Prajnaparamita (d) Sangrahani Sutra	1	Interdisciplinary
5	Name the technique used after colouring in which a stone is rubbed at the back of the painting (a) Khadiya (b) Wasli (c) Burnishing (d) Mounting	1	Analytical Skill
6	In which medium are the Rajasthani miniature paintings made? (a) Oil colours (b) Pastel colours (c) Water colours (d) Acrylic colours	1	Critical Thinking and Problem Solving
7	Who painted Bani-Thani? (a) Nihal Chand (b) Nuruddin (c) Nainsukh (d) Miskin	1	Analytical Thinking
8.	What is Wasli? (a) glue used in colour pigments (b) Layered thin sheets of handmade papers (c) Colour pigments (d) Stones	1	Analytical Thinking

Section B			
9	What are the Shadanga of Indian painting?	2	Understanding
10	Explain the composition of expect if the Radha Bani Thani of Kishangarh.	2	Interdisciplinary
11	Write a short note on miniature painting..	2	Interdisciplinary
12.	Describe the painting of Maru Ragini.	2	Application
13	Write a short note on Pala/Eastern school of Bengal ,Bihar and Orissa.	2	Understanding
Section C			
14	Describe the Western School or the Jain School.	6	HOTS
15.	Write a brief note on school of Central India	6	HOTS



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: Psychology
Allotment Date: 29 April 2023

Assignment No. : 1

S. NO.	QUESTIONS	MARKS	NATURE
1	Experiential intelligence refers to : a.Ability to deal with environment b.None of the above c.Analysis of information d.Using past experience creatively	1	Understanding
2	1. Howard Gardner's Theory of intelligence is known as: a.Theory of Primary Menatal Abilities b.Two-factor Theory c.Theory of Multiple Intelligence d.Triarchic Theory	1	Remembering
3	Nia is a determined young lady, who shows responsibility, diligence and tolerance. All her way of behaving is objective coordinated. Such characteristics focus on _____ facet of integral intelligence. a.Emotional competence b.Entrepreneurial competence c.Social competence d.Cognitive capacity	1	Application
4	Intelligence Quotient was given by which psychologist? a.Alfred Binet b.Theodore Simon	1	Remembering

	c. Jack Naglieri d. William Stern		
5	<p>independently from the individual who describes them. world that can be observed and that are facts about the independently from the individual who describes them.</p> <p>5. Riya has a very high aptitude of verbal reasoning and is very much interested in reading is more likely to succeed as a :</p> <p>a. Agriculturalist b. Journalist c. Engineer d. Athlete</p>	1	Application
6	<p>_____ is an extraordinary general capacity displayed in unrivalled execution in a wide assortment of regions</p> <p>a. Intelligence b. Talent c. Creativity d. Giftedness</p>	1	Remembering
7	<p>In the event that an individual has an expertise of getting the intentions, sentiments, ways of behaving of others, he or she said to have _____</p> <p>a. Interpersonal Intelligence b. Linguistic Intelligence c. Social Intelligence d. Intrapersonal intelligence</p>	1	Analysing
8.	<p>What is the method of measuring intelligence quotients?</p> <p>a. $IQ = MA / CA \times 100$ b. $IQ = MA + CA \times 100$ c. $IQ = MA \times CA \times 100$ d. $IQ = CA / MA \times 100$</p>	1	Reasoning

9	Intelligence Quotient was given by which psychologist? a. Alfred Binet b. Theodore Simon c. Jack Naglieri d. William Stern	1	Remembering
10.	Which factor influences aptitude formation? a. Age b. Family c. Intelligence d. Caste	1	Understanding
11	Explain the theory of Primary mental abilities?	2	Analysing
12	Name the following : 1) 3 individual tests 2) 3 group tests 3) 3 verbal tests 4) 3 non verbal tests	2	Remembering
13	Differentiate between talent and giftedness	2	Understanding
14	How is Psychometric approach different from information processing approach?	2	Understanding
15	Explain the various domains of Psychological attribute that categorizes variety of tests.	2	Application
16	How is intelligence an interplay of nature and nurture?	3	Knowledge
17	“According to the structure of intellect model traits are divided into three parts- Products, contents and Operations” Justify	3	Analysing
18	“Sharad is a class XIIth boy who is generally known as the emotionally intelligent guy of the class”. What characteristics do you think makes Sharad an emotionally intelligent boy	4	Application
19	Roma is a 10 years old girl how has an exceptional general ability which can be seen in wide variety of areas” a) Which ability is been discussed here? b) Explain its important characteristics in detail?	4	Knowledge
20	Differentiate between the following a) Culture Fair and culture bias test b) Individual and group test c) Verbal, Non verbal and performance tests d) Talent and giftedness. Give Examples	6	Application



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: NCC
Allotment Date: 29 April 2023

Assignment No. : 1

S. NO.	QUESTIONS	MARKS	NATURE
1	Women officer training academy is located. a) Gwalior b) Kamptee c) Dehradun d) Mumbai	1	Information
2	NCC is a _____ organisation. a) Compulsory b) Important c) Voluntary d) None of the above	1	Information
3	The motto of NCC was adopted on a) 23rd December 1947 b) 23rd December 1957 c) 25th December 1957 d) 25th December 1947	1	Knowledge
4	Full form of GCI- a) Girls Cadet Instructor. b) Genius Corp Instructor c) Graduate Collage Instructor. d) Girl College Instructor	1	Knowledge

5	<p>NCC is a _____ line of defence-</p> <p>a) First. b) Second c) Third d) Fourth</p>	1	Information
6	<p>Full form of YEP-</p> <p>a) Youth Energy Program b) Youth Exchange Program c) Youth Encourage program d) Youth Experience Power</p>	1	Information
7	<p>Motto of NCC is-</p> <p>a) peace and unity b) unity and diversity c) unity and discipline d) Power and Discipline</p>	1	Knowledge
8	<p>Full form of ANO-</p> <p>a) Alternet NCC Officer b) Authorize NCC Officer c) Associate NCC Officer d) A NCC Officer</p>	1	Knowledge
9	<p>What is the full form of TSC?</p> <p>a) Training Smart Camp b) Thal sainik Camp c) Tripel Standard Camp d) Trainer Specific Camp</p>	1	Critical Thinking
10		1	Analytical Thinking

	<p>Why NCC training is important for a NCC cadet?</p> <p>a) For basic knowledge in Defense b) For develop the Character c) For providing leadership in youth d) all of the above</p>		
11	Why was University Corps formed?	2	Critical Thinking
12	When was NCC formally inaugurated in India and when was girls division of the NCC raised?	2	Critical Thinking
13	Which qualities does NCC aim to develop among the cadets?	3	Information
14	What is the aim of Youth Exchange Programme?	3	Analyzing Thinking
15	What are the benefits of organizing camps?	4	Critical Thinking
16	Write in detail about the organizational structure of NCC.	4	Analyzing Thinking
17	What is the need and relevance of NCC in today's world? How can youth contribute in the progress of the Nation?	6	Critical Thinking
18	What role do the incentives given by NCC play in the life of the cadets?	6	Information



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: General Studies

Assignment No. : 1

Allotment Date: 29 April 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	Which state launched the 'Chief Minister's Residential Land Rights scheme'? [A] Gujarat [B] Madhya Pradesh [C] Assam [D] Odisha	1	Knowledge
2	The Government has approved Rs 28.11 crore to extend the interest-free loan to tobacco farmers of which state? [A] Tamil Nadu [B] Andhra Pradesh [C] Kerala [D] Karnataka	1	Understanding
3	Which country organised the 10th edition of Dhaka Lit Fest (DLF)? [A] India [B] Bangladesh [C] Nepal [D] Thailand	1	Knowledge
4	'Birsa Munda Hockey Stadium' is located in which state? [A] Gujarat	1	Knowledge

	[B] Odisha [C] Jharkhand [D] Bihar		
5	Kevin McCarthy has been elected as the House Speaker of which country? [A] UK [B] USA [C] Germany [D] Russia	1	Remembering
6	Which Indian state is the host of the Purple Fest, the first Inclusive festival for persons with disabilities? [A] Maharashtra [B] Goa [C] Gujarat [D] Kerala	1	Remembering
7	Which film was selected as the 'best film-drama' in the Global Globes Award 2023? [A] Avatar: The Way of Water [B] Elvis [C] The Fabelmans [D] Top Gun: Maverick	1	Knowledge
8.	Which country observes the National Human Trafficking Awareness Day on January 11? [A] India [B] USA [C] South Africa [D] Australia	1	Knowledge
9	India is set to host its first Global Tourism Summit in which state/UT?	1	Remembering

	[A] Uttar Pradesh [B] New Delhi [C] Assam [D] Tamil Nadu		
10.	Shang Juncheng, who was seen in the news recently, plays which sports? [A] Badminton [B] Squash [C] Tennis [D] Chess	1	Understanding
11	How is scientific study?	2	Understanding
12	What is true religion?	2	Remembering
13	Write a note on science and religion.	3	Understanding
14	Detail a note on science and economics	3	Understanding
15	What are the scientific methods?	2	Application
16	What are the factors that inhibited industrial growth	3	Knowledge
17	What are the factors responsible for low productivity	3	Analysing
18	What is the aim of science?	4	Understanding
19	What is the contribution of science in the society?	4	Application
20	Write a detailed note on Science, Technology and Society	6	Application



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: Health and Physical Education

Assignment No. : 1

Allotment Date: 29 April 2023

S.N	QUESTIONS	NATURE	MARKS
1	MCQ A) In football Penalty kick is taken at least _____ distance from the spot. i) 9 yard ii) 10 yard iii) 9.15 yard iv) 10.15 yard	Understanding)	4x1=4
	B) The FIFA football world cup in 2022 will be organizes in? i. Qatar ii. Croatia iii. Span iv. Brazil	Informatory	
	C What is original name of Volley Ball? i. Lacrosse ii. Volley ball iii. Mintonette iv. Badtonette	Analytical	

	D) Who is the father of Volleyball ? i. Jhon A Belstrad ii. William G. Morgan iii. Elijah C. Campwood iv. George Mintos	Information	
2.	B) Fill In The Blanks :- i. _____ cup in India is associated with Football sports.	Informatory	3×1=3
	ii. _____ is the first and only Indian to score hattrick in Olympic Football match.	Informatory	
	ii. Points are called _____ in Volley Ball .	Understanding	
	3.True/False i. Brazil is second highest winner of FIFA world cup title. a. True b. False	Understanding	3×1=3
	ii A team can hit a ball maximum of three time without passing it over the net. a. True b. False	Understanding	
	iii.The libero, a Volleyball player who specializes in defense, can be substitute in at any time as long as the ball is not in play . a. True b. False		



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: Martial Art

Assignment No. : 1

Allotment Date: 29 April 2023

S.NO	Questions	Marks
1	What is the full form of WKF? a) World Korean Federation b) World Karate Federation c) World Krav Maga Federation d) None of these	1
2	What is the japeese name of front middle kick ? a) maegari b) yuko gari c) yukotobi gari d) Flying kick	1
3	How many steps in Pinan Nidan Kata? a) 29 b) 20 c) 21 d) 15	1
4	Japanese name of lower block is.....? a) Gaidan barai uke b) Chudan soto uke c) Open hand gaidan barai uke d) None of these	1
5	What is the Japanese name of block in first step of Pinan Nidan Kata? a) Soto uke b) Uchi otoshi c) Gaidan barai uke d) None of these	1
6	Which stance is called CAT stance?	1

	<ul style="list-style-type: none"> a) Zenkotsudachi b) Shikodachi c) Niquashi dachi d) None of these 	
7	<p>Mae gari means ?</p> <ul style="list-style-type: none"> a) Front kick b) Back kick c) None of these d) Face kick 	1
8	<p>How many times does jodan age uke used in Pinan Nidan Kata?</p> <ul style="list-style-type: none"> a) 3 b) 2 c) 5 d) 6 	1
9	<p>Mawashi gari is used for.....?</p> <ul style="list-style-type: none"> a) jodan&chudan attack b) jodan attack d) World Karate Federation e) World Krav Maga Federation <p>None of these</p>	1
10	<p>How many Niquashi Dachi is used in Pinan Nidan Kata?</p> <ul style="list-style-type: none"> a) 2 b) 1 c) 3 d) 4 	1