



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



Subject: English

Assignment No. : 4

Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	(A) You are Ruhi/Rahul, head girl/boy of ABC convent school. Your school is going to organize an inter-school singing competition. Write a notice for your school notice board inviting names of all the interested students. (B). Write a letter to the Editor of National Herald, New Delhi about water scarcity in your locality suggesting ways to improve the position of water supply. You are Ramnath/ Reema of Ghaziabad.	4 6	Information UNDERSTANDING
2	Read the extract given below and answer the questions that follow “And such too is the grandeur of the dooms We have imagined for the mighty dead; Ml lovely tales that we have heard or read; An endless fountain of immortal drink, Pouring unto us from the heaven’s brink” Questions (a) Name the poem and the poet of these lines. (b) Explain: ‘the grandeur of the dooms’. (c) What is the thing of beauty mentioned in these lines’? (d) What image does the poet use in these lines?	4	Understanding
3	A doctor is supposed to be gentle and humane. How did Sadao show these qualities in the story, “The Enemy”?	6	HOT
4	. Answer the following questions in 30-40 words a) What are Geoff Green’s reasons for including high school students in the Students on Ice expedition? b) What sort of terror seized Douglas as he went down the water with a yellow glow? How could he feel that he was still alive c) Why was Edla happy to see the gift left by the peddler? d) Which act of the crofter surprised the peddler? Why? e) How did the incident at the YMCA pool affect Douglas?	2x5=10	Evaluation
5	The story ‘The Rattrap’ focuses on human loneliness and the need to bond with others. Explain.	5	Analytical Skill
6	‘To choose between professional loyalty and patriotism was a dilemma for Dr.Sadao. How did he succeed in betraying neither?	5	Critical Thinking and Problem Solving



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



Subject: Hindi

Assignment No. : 4

Allotment Date: 25 August 2023

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 फीचर लिखिए।	5	Understanding
3	समाचार लेखन का आशय स्पष्ट कीजिए। समाचार लेखन के प्रकारों पर प्रकाश डालिए।	5	HOT
4	<ol style="list-style-type: none">विशेषीकृत पत्रकारिता से आप क्या समझते हैं ?हिंदी पत्रकारिता दिवस कब और किस उपलक्ष्य में मनाया जाता है?संपादकीय में लेखक का नाम क्यों नहीं दिया जाता है ?‘वॉचडॉग पत्रकारिता’ किस प्रकार लोकतंत्र का प्रहरी है ?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 कि एक औषधि है’ विषय पर फीचर लिखिए।	5	Critical Thinking and Problem Solving
7	कैमरे में बंद अपाहिज कविता के अनुसार मिडिया का समाज में क्या दायित्व होना चाहिए ?	5	Evaluation
8	<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 जाएंगे।</p> <p>प्रश्न</p> <p>(क) बढ़ती जनसंख्या से किसमें कमी आई है?</p>	5	Communication Skills

<p>(i) बेरोजगारी (ii) गरीबी (iii) निरक्षरता (iv) कृषि एवं उद्योगों के उत्पादनों में (ख) जनसंख्या बढ़ने से किन चीजों में बढ़ोत्तरी हुई है? (i) लोगों के कार्य करने की क्षमता में (ii) शिक्षा में (iii) गरीबी एवं बेरोजगारी में (iv) लोगों के स्वास्थ्य में (ग) हमारा विकास कार्य दिखाई नहीं देता, क्योंकि (i) विकास के अनुपात में जनसंख्या वृद्धि अधिक है। (ii) जनसंख्या वृद्धि कम है। (iii) उपर्युक्त दोनों । (iv) इनमें से कोई नहीं</p>		
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ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF -ASSESSMENT)

Subject: Mathematics

Assignment No. : 4

Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	The rate of change of area of a circle with respect to its radius R at R=6 cm is: (a) 8π (b) 10π (c) 11π (d) 12π	1	Understanding
2	The function $f(x) = x^3 + 3x$ is increasing on: (a) $(-\infty, 0)$ (b) $(0, \infty)$ (c) R (d) $(0, 1)$	1	HOT
3	Suppose $f(x)$ is differentiable at $x = a$. Then, necessary condition for $f(x)$ to possess local maxima or local minima at $x = a$ is: (a) $f(a) = 0$ (b) $f'(a) = 0$ (c) $f''(a) = 0$ (d) $f'''(a) = 0$	1	HOT
4	The smallest value of the polynomial $x^3 - 18x^2 + 96x$ in $[0, 9]$ (a) 126 (b) zero (c) 135 (d) 160	1	Understanding
5	The point of inflexion for the function $f(x) = x^3$ is: (a) $x = 0$ (b) $x = -1$ (c) $x = 1$ (d) $x = 2$	1	Understanding
6	Maximum slope of curve $y = -x^3 + 3x^2 + 9x - 27$ is: (a) zero (b) 12 (c) 16 (d) 32	1	Understanding
7	Two curves intersect at right angles if: (a) tangents to the curves at the point of intersection are parallel (b) normals to the curves at the point of intersection are parallel (c) tangents to the curves at the point of intersection are perpendicular (d) none of these	1	Understanding
8	The line $y = x + 1$ is a tangent to the curve $y^2 = 4x$ at the point: (a) (1, 2) (b) (2, 1) (c) (1, -2) (d) (-1, 2)	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.	1	Information

	<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 and R is the not 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> <p>Assertion (A): The minimum value of the expression $x^2+2bx+c$ is $c-b^2$.</p> <p>Reason (R): The first order derivative of the expression at $x = -b$ is zero.</p>		
10	Find the maximum value of $\sin x + \cos x$	2	Understanding
11	The side of an equilateral triangle is increasing at the rate of 2 cm/s. Find the rate of increase of the parameter.	2	HOT
12	Find the point on the curve $y = x^3 + 1$, where the tangent is parallel to x-axis.	2	HOT
13	Find an angle θ , $0 < \theta < \pi/2$, which increases twice as fast as its sine.	2	Analytical Skill
14	The side of a square sheet is increasing at the rate of 4 cm/min. At what rate is the area increasing when the side is 5 cm long.	2	Understanding
15	Show that $f(x) = \sin x$ is neither increasing nor decreasing on $(0, \pi)$.	3	Interdisciplinary
16	Show that the function given by $f(x) = \left(\frac{1}{x}\right)^x$, $x > 0$ has the maximum value $e^{1/e}$ at $x = 1/e$.	3	Understanding
17	Show that the function $f(x) = x^3 - 3x^2 + 6x - 100$ is increasing on R.	3	Understanding
18	Find the rate of change of volume of a sphere with respect to its surface area, when the radius is 2 cm.	3	Critical Thinking and Problem Solving
19	<p>Case Study:</p> <p>(i) An advertisement firm is supplied with decorative wire pieces of 34 m each and is asked to cut the wire into two pieces. From one piece a circular sign board is to be made and from other a square one and the idea is to keep the sum of the areas enclosed by a circle and square to be minimum for writing slogans. The wire is cut at x m from one end and made a circle.</p> <p>Keeping the above under consideration answer the following:</p> <p>(i) Find the area enclosed by the circular ring.</p> <p>(ii) Find the area enclosed by the square frame.</p> <p>(iii) For what value of x, combined area is minimum?</p>	4	Critical Thinking and Problem Solving
20	An open tank with a square base and vertical sides is to be constructed from a metal sheet so as to hold a given quantity of water. Show that the cost of material will be least when depth of the tank is half of its width.	5	Critical Thinking and Problem Solving



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

Subject: Physics

Assignment No. : 4

Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	<p>Multiple choice questions</p> <p>1.The dimensional formula of L/R is similar to that of: (a) frequency (b) time (c) length (d) none of these</p> <p>2.Power factor of an ac circuit is a measure of: (a) virtual power (b) power lost in the circuit (c) mean power (d) all the above</p>	1 1	Analytical Skills
2	<p>. Assertion-Reason</p> <p>In the following questions, a statement of assertion is followed by a corresponding statement of reason. Of the following statements, choose the correct one.</p> <ul style="list-style-type: none"> a. Both assertion and reason are correct statements and reason is the correct explanation of the assertion. b. Both assertion and reason are correct, but reason is not the correct explanation of the assertion. c. Assertion is correct, but the reason is incorrect statement. d. Assertion is incorrect but reason is correct statement. <p>1.ASSERTION: An alternating current of frequency 50 Hz becomes zero .Hundred times in one second. REASON: Alternating current changes direction and becomes zero twice in a cycle</p> <p>2.ASSERTION: IN series LCR- circuit, the resonance occurs at one frequency only. REASON: At resonance, the inductive reactance is equal and opposite to the capacitive reactance.</p>	 1 1	Understanding
3	What do you mean by electromagnetic induction?	2	Interdisciplinary
4	Name the physical quantity which is measured in Weber.	2	Understanding
5	<p>a)Why is spark produced in the switch of a fan when his put off?</p> <p>b)What is the effect on self-inductance of a</p>	2	HOT

	solenoid, if a core of soft iron is placed in it?		
6	A uniform magnetic field act along the plane of a surface. How much magnetic flux is linked with it ?	2	Evaluation
7	a)Why does a metallic piece become very hot when it is surrounded by a coil carrying high frequency alternating current? b)State and explain faraday's law of electromagnetic induction	3	Communication skill
8	State and explain Lenz's Law. How will you verify it experimentally ?Show that this law is in accordance with principle of conservation of energy.	3	Evaluation
S. NO.	QUESTIONS	MARKS	NATURE
9	a)Show that Lenz's law is direct consequence of the law of conservation of energy. b) Two spherical bobs, one metallic and the other of glass, of the same size are allowed to fall freely from the same height above the ground. Which of the two would reach earlier and why?	3	Information
10	What is Eddy current? Give an experiment to explain their origin. Discuss briefly two important applications of eddy currents	3	Understanding
11	a)A magnet is dropped in a very long aluminium tube acquires a constant terminal velocity .Explain why? b)Draw a labelled diagram of an AC generator. Obtaining the expression for the e.m.f induced in the rotating coil of N turns each of cross sectional area A in the presence of magnetic field B	3	HOT
12	A source of AC voltage $V = (V_0 \sin \omega t)$ ωt is connected to a series combination of a resistor 'R' and a capacitor 'C'. Draw the phasor diagram and use it to obtain the expression for i. impedance of the circuit and ii. phase angle.	3	HOT
13	What is meant by mutual induction ?Define coefficient of mutual induction and also give its SI unit .Derive an expression for the coefficient of mutual induction between two long solenoids.	5	Critical thinking and Problem solving
14	A metallic rod of length L is rotated with angular frequency of ω with one end hinged at the centre and the other end at the circumference of a circular metallic ring of radius L, about an axis passing through the centre and perpendicular to the plane of the ring. A constant and uniform magnetic field B parallel to the axis is presents everywhere. Deduce the expression for the emf between the centre and the metallic ring.	5	Analytical Skill



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

Subject: Biology

Assignment No. : 4

Allotment Date: 25 August 2023

S.NO.	QUESTIONS	MARKS	NATURE
1.	Write the dual purpose served by deoxyribonucleoside triphosphates in polymerisation	2	Analytical Skills
2.	Why does hnRNA undergo splicing? Where does splicing occur in the cell?	2	Understanding
3.	Name the enzyme that transcribes hnRNA in eukaryotes.	2	Analytical Skills
4.	Why is RNA more reactive in comparison to DNA?	2	Interdisciplinary
5.	Name the negatively charged and positively charged components of a nucleosome.	2	Understanding
6.	What will happen if DNA replication is not followed by cell division in a eukaryotic cell?	2	Information
7.	Why is it not possible for an alien DNA to become part of chromosome anywhere along its length and replicate normally? (3	Information
8.	Describe the structure of a nucleosome	3	HOT
9.	How do histones acquire positive charge?	3	Understanding
10.	Discuss the role enzyme DNA ligase plays during DNA replication	3	HOT
11.	In a typical nucleus, some regions of chromatin are stained light and others dark. Explain why is it so and what is its significance	3	Interdisciplinary
12.	Explain the two factors responsible for conferring stability to double helix structure of DNA.	3	Interdisciplinary
13.	State the difference between the structural genes in a transcription unit of prokaryotes and eukaryotes	5	Understanding
14.	Draw a labelled diagram of a nucleosome. Where is it found in a cell?	5	HOT



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CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: Accountancy

Assignment No. : 4

Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1.	Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R): Assertion (A): In case of shares issued on Pro-rata basis, excess money received at the time of application can be utilised till allotment only. Reason (R): Company has to pay interest on calls in advance @12% p.a. for amount adjusted towards calls (if any). In the context of the above two statements, which of the following is correct? Codes: (a) Both (A) and (R) are true, but (R) is not the explanation of working capital management. (b) Both (A) and (R) are true and (R) is a correct explanation of (A). (c) Both (A) and (R) are false. (d) (A) is false, but (R) is true.	1	Remembering
2.	Pooja, Nita and Anita were partners in a firm sharing profits and losses in the ratio of 3 : 2 : 1. Pooja retired and her share is taken up by Nita and Anita equally. The new profit sharing ratio of Nita and Anita will be : (a) 2 : 1 (b) 7 : 5 (c) 1 : 1 (d) 3 : 2	1	Application
3.	P, Q and R were partners in a firm sharing profits and losses in the ratio of 4 : 3 : 1. P died on 1st September, 2022. On the date of P's death profits of the firm were calculated as Rs.80,000. share of profit will be adjusted by : (a) Debiting Profit and Loss Account with Rs.40,000. (b) Debiting Profit and Loss Appropriation Account by Rs.40,000. (c) Debiting Profit and Loss Suspense Account with Rs.80,000. (d) Debiting Profit and Loss Suspense Account with Rs.40,000.	1	Understanding
4.	Which of the following will be transferred to Realisation Account at the time of dissolution of firm ? (i) Provision for Doubtful Debts (ii) Partners (iii) General Reserve (iv) Goodwill (a) (i) and (iv) (b) (i), (ii) and (iv) (c) (i), (iii) and (iv) (d) (i), (ii) and (iii)	1	Application

5.	Nidhi, Kunal and Kabir are partners in a firm sharing profits in the ratio of 2 : 1 : 2. Kunal retired and the balance in his capital account after making necessary adjustments on account of reserves, revaluation of assets and reassessment of liabilities was Rs.80,000. Nidhi and Kabir agreed to pay him Rs.1,00,000 in full settlement of his claim. Kunal's share of goodwill of the firm, on his retirement was : (a) Rs.4,000 (b) Rs.20,000 (c) Rs.16,000 (d) Rs.1,80,000	1	Remembering
6.	Aman, Aadhar and Avinash were partners and sharing profits in the ratio of 3 : 2 : 1. Avinash retired from the firm on 1st July, 2022. On the date of Avinash's retirement, the Balance sheet showed debit balance of Rs.1,20,000 in the Profit and Loss Account. For calculating the amount payable to Avinash, this balance will be transferred : (a) To the debit side of the capital accounts of Aman and Aadhar in old profit sharing ratio. (b) To the debit side of the capital accounts of Aman, Aadhar and Avinash in old profit sharing ratio. (c) To the credit side of the capital accounts of Aman and Aadhar in new profit sharing ratio. (d) To the credit side of the capital accounts of Aman and Aadhar in their gaining ratio.	1	Remembering
7.	A company forfeited 400 shares of Rs.10 each, Rs.8 per share called up for non-payment of first call of Rs.2 per share. On forfeiture of these shares, share capital account debited with : (a) Rs.4,000 (b) Rs.800 (c) Rs.3,200 (d) Rs.2,000	1	Knowledge
8.	Maira Ltd. took over assets of Rs.12,00,000 and liabilities of Rs.4,00,000 of Subav Ltd. for an agreed purchase consideration of Rs.9,00,000. The amount was payable by issue of 11% debentures of Rs.100 each at 10% discount. The number of debentures issued will be : (a) 9,000 (b) 10,000 (c) 8,000 (d) 11,000	1	Remembering
9.	Akshita Ltd. issued fully paid shares of Rs.5,00,000 in purchase consideration of net assets of Rs.4,70,000. The balance of Rs.30,000 will be _____ to _____ account. (a) debited, Goodwill (b) debited, Capital Reserve (c) credited, Capital Reserve (d) credited, General Reserve	1	Computation
10.	P, Q and R were partners in a firm. On 31st March, 2018 R retired. The amount payable to R ` 2,17,000 was transferred to his loan account. R agreed to receive interest on this amount as per the provisions of Partnership Act, 1932. State the rate at which interest will	1	Knowledge

	be paid to R.		
11.	Suman, Vivek and Vinod were partners in a firm sharing profits and losses in the ratio of 5 : 3 : 2. Suman retired on 1st April, 2022. After making all adjustments relating to revaluation, goodwill and accumulated profits, etc., the capital accounts of Vivek and Vinod showed credit balances of Rs.3,60,000 and Rs.1,40,000 respectively. It was decided to adjust the capitals of Vivek and Vinod in their new profit sharing ratio. Pass necessary journal entries for bringing in or withdrawal of the necessary amounts. Show your working clearly.	3	Application
12.	Annex Ltd. issued 1,00,000 shares of Rs.10 each at a premium of 10% to the public for subscription. The whole amount was payable on application. Applications were received for 3,00,000 shares and the board decided to allot shares to all shareholders on pro-rata basis. Pass necessary journal entries for the above transactions in the books of Annex Ltd.	3	Computation and knowledge
13.	Shovan Limited took over the assets of Rs.60,00,000 and liabilities of Rs.10,00,000 from Swami Limited for an agreed purchase consideration of Rs.45,00,000. The amount was payable by issuing 10% debentures of Rs.100 each at 25% premium. Pass necessary journal entries for the above transactions in the books of Shovan Limited.	4	Computation and knowledge
14.	Ankit, Bobby and Kartik were partners in a firm sharing profits in the ratio 4 : 3 : 3. The firm was dissolved on 31-3-2018. Pass the necessary Journal entries for the following transactions after various assets (other than cash and bank) and third party liabilities had been transferred to Realisation Account : (i) The firm had stock of Rs.80,000. Ankit took over 50% of the stock at a discount of 20% while the remaining stock was sold off at a profit of 30% on cost. (ii) A liability under a suit for damages included in creditors was settled at Rs.32,000 as against only Rs.13,000 provided in the books. Total creditors of the firm were Rs.50,000. (iii) Bobby's sister's loan of Rs.20,000 was paid off along with interest of Rs.2,000. (iv) Kartik's Loan of Rs.12,000 was settled at Rs.12,500.	4	Computation and knowledge
15.	Girija, Yatin and Zubin were partners sharing profits in the ratio 5 : 3 : 2. Zubin died on 1st August, 2015. Amount due to Zubin's executor after all adjustments was Rs.90,300. The executor was paid Rs.10,300 in cash immediately and the balance in two equal annual instalments with interest @ 6% p.a. starting from 31st March, 2017. Accounts are closed on 31st March each year. Prepare Zubin's Executors Account till he is finally paid.	4	Application
16.	DF Ltd. invited applications for issuing 50,000 shares of Rs.10 each at a premium of Rs.2 per share. The amount was payable as follows : On Application : Rs.3 per share (including premium Rs.1) On Allotment : Rs.3 per share (including premium Rs.1) On First call : Rs.3 per share On Second and Final Call : Balance amount Application for 70,000 shares were received. Allotment was made on the following basis. Applications for 5,000 shares - Full	6	Computation and knowledge

	<p>Applications for 50,000 shares - 90% Balance of the applications were rejected. Rs.1,11,000 were received on account of allotment. The amount of allotment due from the shareholders to whom shares were allotted on prorata basis was fully received. A few shareholders to whom shares were allotted in full, failed to pay the allotment money. Rs.1,20,000 were received on first call. Directors decided to forfeit those shares on which allotment and call money was due. Half of the forfeited shares were re-issued @ Rs.8 per share fully paid up. Final call was not made. Pass the necessary journal entries for the above transactions in the book of DF Ltd.</p>																																						
17.	<p>Akul, Bakul and Chandan were partners in a firm sharing profits in the ratio of 2 : 2 : 1. On 31st March, 2018 their Balance Sheet was as follows : Balance Sheet of Akul, Bakul and Chandan as on 31-3-2018</p> <table border="1" data-bbox="295 728 1045 1131"> <thead> <tr> <th>Liabilities</th> <th>Amount (₹)</th> <th>Assets</th> <th>A</th> </tr> </thead> <tbody> <tr> <td>Sundry Creditors</td> <td>45,000</td> <td>Cash at Bank</td> <td></td> </tr> <tr> <td>Employees Provident Fund</td> <td>13,000</td> <td>Debtors</td> <td>60,000</td> </tr> <tr> <td>General reserve</td> <td>20,000</td> <td>Less : Provision</td> <td></td> </tr> <tr> <td>Capitals :</td> <td></td> <td>for doubtful debts</td> <td><u>2,000</u></td> </tr> <tr> <td>Akul 1,60,000</td> <td></td> <td>Stock</td> <td></td> </tr> <tr> <td>Bakul 1,20,000</td> <td></td> <td>Furniture</td> <td></td> </tr> <tr> <td>Chandan <u>92,000</u></td> <td>3,72,000</td> <td>Plant and Machinery</td> <td></td> </tr> <tr> <td></td> <td>4,50,000</td> <td></td> <td></td> </tr> </tbody> </table> <p>Bakul retired on the above date and it was agreed that : (i) Plant and Machinery was undervalued by 10%. (ii) Provision for doubtful debts was to be increased to 15% on debtors. (iii) Furniture was to be decreased to Rs.87,000. (iv) Goodwill of the firm was valued at Rs.3,00,000 and Bakul's share was to be adjusted through the capital accounts of Akul and Chandan. (v) Capital of the new firm was to be in the new profit sharing ratio of the continuing partners. Prepare Revaluation account and Partners' Capital accounts.</p>	Liabilities	Amount (₹)	Assets	A	Sundry Creditors	45,000	Cash at Bank		Employees Provident Fund	13,000	Debtors	60,000	General reserve	20,000	Less : Provision		Capitals :		for doubtful debts	<u>2,000</u>	Akul 1,60,000		Stock		Bakul 1,20,000		Furniture		Chandan <u>92,000</u>	3,72,000	Plant and Machinery			4,50,000			6	Computation and knowledge
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ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: Business Studies

Assignment No. : 4

Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1.	Contract of employment contains _____ information. (a) Job Title (b) Responsibilities (c) Allowances (d) All of these	1	Understanding
2.	Under training the employees are trained in _____ field/fields. (a) A particular (b) Two (c) Three (d) All of these	1	Knowledge
3.	_____ is the merit of internal recruitment. (a) Increase in motivation (b) Industrial Peace (c) Both (a) and (b) (d) Stopping the entry of young blood	1	Knowledge
4.	To which source of recruitment the direct recruitment from educational institutions is related? (a) Employment Exchange (b) Campus Recruitment (c) Management Consultants (d) Direct Recruitment	1	Remembering
5.	Vegatech Enterprises was a company manufacturing refrigerators. The company had a functional structure with four main functions—Production, Marketing, Finance and Human Resource. As the demand for the products grew, the company decided to hire more employees. Identify the concept which will help the Human Resource Manager in identifying the types of human resources necessary for the performance of various jobs and accomplishment of organisational objectives. (a) Workload Analysis (b) Staffing (c) Workforce Analysis (d) Both (b) and (c)	1	Knowledge
6.	Every manager, from top executive to supervisor performs the function of directing. The directing takes place wherever superior-subordinates relations exist. Which characteristic of directing is highlighted here. (a) Directing initiates action (b) Directing takes place at every level of management (c) Directing is a continuous process (d) Directing flows from top to bottom	1	Knowledge

7.	It is the highest level of need in the Maslow's need hierarchy. It refers to the drive to become what one is capable of becoming. These needs include growth, self-fulfillment and achievement of goals. Which type of need of Maslow's Need Hierarchy is explained here: (a) Security needs (b) Belonging needs (c) Self actualisation needs (d) Esteem needs	1	Analyzing
8.	Congratulating the employee for good performance and rewarding an employee for giving valuable suggestions are the example of which type of non-financial incentives. (a) Job enrichment (b) Career advancement opportunity (c) Employee Recognition programmes (d) Employee Empowerment	1	Knowledge
9.	If there is no match between what is said and what is expressed in body movements, communication may be wrongly perceived. Name the type of semantic barrier highlighted here (a) Technical jargon (b) Body language and gesture decoding (c) Faulty translations (d) Unclear assumptions	1	Understanding
10.	In an organisation, employees always feel that they are under enormous unnecessary stress, as the manager does not provide any information about future plans but simply instructs them what to do. He also does not listen to any of the suggestions given by the subordinates. Name the leadership style being followed here: (a) Autocratic Leadership Style (b) Democratic Leadership Style (c) Laissez-faire Leadership Style (d) (b) and (c) both	1	Knowledge
11.	M/s Beta Ltd. deals in consumer goods. It employs 100 workers and 10 operative managers who give guidance and support to the workers while operating the machinery. The company has a policy of granting leave as per the requirement of the workers. Workers are generally granted leave on festivals and special occasions. Recently on Puja festival, it received a big order. Workers are keen to take Puja holidays while management is pressing hard for overtime. This matter was placed before the Personnel Manager who called the meeting of operative managers and workers to inform them about the changes in the incentive plan which states payment of double wages for working overtime and triple wages for working on holidays. Workers without any pressure voluntarily took limited holidays and were able to increase their earning by working overtime and on holidays. During Board of Directors meeting, Personnel Manager was asked to update the management for achieving higher output, meeting timely supplies without any confrontation with workers. Personnel Manager replied, "I just used a carrot with no sticks approach". By quoting the lines from above paragraph state any two elements of directing.	3	Understanding and analyzing
12.	Resolutions Pvt. Ltd. is a publishing company. Its book on Business Studies for class XII is in great demand. As a result, the	3	Understanding and knowledge

	employees in the marketing department are always racing against time. The employees have to work overtime and on holidays to cater to the demand. Managers in the marketing department are under stress as they have to handle more than two territories. The work stress has led to dissatisfaction among the employees and managers. a) Name and explain the step of staffing process which has not been performed properly. b) State the next two stages immediately following the step identified in part „a“.		
13.	Jaideep recently joined as the Managing Director of 'Tivori Ltd.', an apparel designing company. He observed that the company had a number of experienced fashion designers on its payroll. They regularly offered useful suggestions which were neither appreciated nor rewarded by the company. Instead the company outsourced its services to some renowned fashion designers and paid them a good compensation for their services. Because of this the employees felt disheartened and stopped giving useful suggestions. (a) Identify the communication barrier discussed above. (b) State the category of this communication barrier. (c) Explain any other communication barrier of the same category.	4	Analyzing and Remembering
14.	The workers of 'Gargya Ltd.' are unable to work on new computerised machines imported by the company to fulfil the increased demand. Therefore, the workers are seeking extra guidance from the supervisor and the supervisor is overburdened with the frequent calls of workers. Suggest how the supervisor, by increasing the skills and knowledge of workers, can make them handle their work independently. Also state any three benefits that the workers will derive by the decision of the supervisor.	4	Analyzing and Remembering
15.	Atul-The Assistant Manager, Vikas-The Marketing Head and Leena-The Human Resource Manager of 'Montac Enterprises Ltd.' decided to leave the company. The Chief Executive officer of the company called the Human Resource Manager, Leena and requested her to fill up the vacancies before leaving the organisation. Leena suggested that her subordinate Miss Rama Wadhwa is very competent and trust worthy, if she could be moved up in the hierarchy, she would do the needful. The Chief Executive Officer agreed for the same. Mina Rama Wadhwa contacted 'Smith Recruiters' who advertised for the post of marketing head for 'Montac Enterprises Ltd'. They were able to recruit a suitable candidate for the company. Atul's vacancy was filled up by screening the database of unsolicited applications lying in the office. (a) Name the internal/external sources of recruitment used by 'Montac Enterprises Ltd'. to fill up the above stated vacancies. (b) Also state any one merit of each of the above identified source of recruitment.	4	Understanding
16.	Mohit Gupta is working with 'Yellow Security Services Ltd.' He is also recruiting security guards for the company. The company provide security services in Delhi and Noida at short notice to various companies. The guards are recruited on temporary basis. The guards provided by this company are known for their honesty and punctuality. Mohit Gupta is well known in his village for providing employment to unskilled people. (a) Name the source of recruitment used by 'Yellow Security Services Ltd.' (b) State any one disadvantage of this source of recruitment. (c) Identify the need of 'Security Guards' which is being fulfilled by the company	6	Knowledge

	as per Maslow's need hierarchy.		
17.	<p>Anjali had been working with 'Tata Enterprises' for the last ten years. She was famous for her dedication towards the work. When the Manager senior to her retired, all her colleagues thought that now Anjali would be promoted. But to everyone's surprise the vacant post was filled by an outsider 'Miss Monika'. Anjali felt demoralised and her performance started declining. She would absent herself often and could not meet her targets. Miss Monika was a good leader who would not only instruct her subordinates, but also guide and inspire them. She noticed Anjali's behaviour and felt that her performance could be improved. She started involving Anjali in decision-making issues related to the organisation and made her a part of a high-level joint management committee. Anjali was now punctual to office and her performance started improving.</p> <p>(a) Identify the function of management being performed by Monika. (b) Name the element of the above function of management which helped Monika to improve Anjali's behaviour. (c) State any four features of the element identified in (b) above</p>	6	Remembering



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

Subject: Economics

Assignment No. : 4

Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	Output means _____ unless stated otherwise. (a) Gross output at MP (b) Net output at MP (c) Gross output at FC (d) None of these	1	Information
2	Which of the following is not a component of domestic income? (a) Operating surplus (b) Compensation of employees (c) Net factor income from abroad (d) Mixed income	1	Understanding
3	Which of the following will be treated as final goods? (a) Seeds used by a farmer in his field (b) Tyres purchased by a transport company (c) Unsold stock of a good lying with the seller (d) Computers purchased by a dealer	1	HOT
4	An Indian farmer produces wheat without incurring cost of inputs and sells for Rs.1,000 to a miller who grinds wheat into flour and sells for Rs. 1,200 to a baker. The baker sells bread to consumers for Rs. 1,600.Total value added is Rs. (a) 1,600 (b) 2,200 (c) 1,000 (d) 1,400	1	Interdisciplinary
5	Which of the following correctly represents value of GNP_{FC} ? (a) $COE + OS + MISE + NFIFA$ (b) $COE + OS + MISE + NFIFA + Depreciation$ (c) $COE + OS + MISE + NFIFA - Depreciation$ (d) $COE + OS + MISE - NFIFA + Depreciation$	1	Analytical Skill
6	When the government prints and circulates more currency in the economic system, it may (a) bring down the general price level. (b) push up the general price level. (c) increase the supply of goods in the economy. (d) None of the above.	1	Critical Thinking and Problem Solving
7	If a bank maintains a cash reserve ratio of 5%, with a cash base of Rs. 1,000 crore, the bank creates a total credit of the value of	1	Evaluation

	(a) Rs. 5,000 crore. (b) Rs. 10,000 crore. (c) Rs. 20,000 crore. (d) Rs. 80,000 crore.		
8	Which of the following represents Consumptions Function Equation? (a) $C = \bar{C} + by$ (b) $S = -\bar{C} + (1-b)y$ (c) $K = 1/I-MPC$ (d) $AD = C+I+G+(X-M)$	1	Evaluation Skill
9	What happens in the economy when $AD < AS$? (a) Producers will reduce production (b) Producers will expand production (c) The level of Income will be constant (d) None of these	1	Analytical Skill
10	Identify the correct statement: (a) Excess demand leads to decrease in output. (b) Increase in CRR increases the lending capacity of the banks. (c) Reduction in government spending leads to fall in income. (d) Monetary policy is the policy of the government to control credit and money supply.	1	Interdisciplinary
11	Write down the three identities of calculating the GDP of a country by the three methods. Also briefly explain why each of these should give us the same value of GDP.	3	Communication Skills
12	An economy is in equilibrium. Its national income is Rs.5000 and autonomous consumption expenditure is Rs. 500. What is the total consumption expenditure if MPC is 0.7?	3	Critical Thinking and Problem solving
13	Given the saving function equation: $S = (-)200 + 0.25Y$ where S is the savings and Y the level of income. Find (i) Autonomous consumption (ii) MPS (iii) Investment Multiplier	4	Interdisciplinary
14	Given the $C = 100 + 0.75Y$ is a consumption function (Where C=consumption expenditure and Y=national income) and investment expenditure is 800. On the basis of this information calculate: (i) Equilibrium level of national income. (ii) Savings at equilibrium level of national income.	4	Understanding/Analyse
15	Every rational producer makes provision for depreciation to replace fixed assets after the expiry of expected life time. He takes care of physical capital, but in the pursuit of increasing production he must have been causing damage to natural capital (resources and environment). Suggest solution to the problem.	4	HOT
16	State True/False. Give reason. (1) Aggregate Demand is measured not as the sum total of	6	Critical Thinking and Problem

	<p>goods but as the sum total of planned expenditure on the goods during an accounting year.</p> <p>(2) The government makes collective consumption expenditure in a three-sector economy.</p> <p>(3) Minimum level of expenditure is dependent on the level of income in the economy.</p> <p>(4) Aggregate Demand curve (indicating aggregate expenditure at different levels of income) slopes downward from left to right.</p> <p>(5) Exports in an open economy indicate demand for foreign goods.</p> <p>(6) When exports = Rs. 40,000 crore and imports = Rs. 50,000 crore, value of net exports will be equal to Rs. 10,000 crore.</p>		solving
17	<p>Answer the following questions. Write formulas and follow all steps while solving the questions.(Choose the correct option)</p> <p>(i)When Autonomous Consumption = Rs. 50 crore, Marginal Propensity to Consume = 0.6 and Income = Rs. 800 crore, value of saving will be: (a) Rs. 270 crore. (b) Rs. 320 crore. (c) Rs. 370 crore. (d) None of these.</p> <p>(ii) If the Marginal Propensity to Consume = 0.8,an increase in national income of Rs. 1,000 crore will result in additional savings of: (a) Rs. 200 crore. (b) Rs. 400 crore. (c) Rs. 600 crore. (d) Rs. 800 crore.</p> <p>(iii) Given Marginal Propensity to Save as 0.2, an additional investment of Rs. 1,000 crore will result in a total increase in national income of the value of: (a) Rs. 2,000 crore. (b) Rs. 5,000 crore. (c) Rs. 8,000 crore. (d) Rs. 10,000 crore.</p>	6	Evaluation



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

Subject: History

Assignment No. : 4

Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	<p style="text-align: center;">Part- A</p> <p><i>Answer the following objective type questions:</i></p> <p>(i). From which country the traveller Al-Biruni came to India in the 11th century?</p> <p>a) France b) Uzbekistan c) Morocco d) England</p> <p>(ii). Whose book did Al-Biruni translate into Sanskrit?</p> <p>a) Megasthenes's Indica b) Kautiya's Athshastra c) Patanjali's work d) Euclid's books of Mathematics</p> <p>(iii). Indicate which of the following option is not correct.</p> <p>Al-Biruni's views about Indian society</p> <p>a) Sanskrit texts laid down the rules of caste system. b) Caste systems were not so rigid. c) Social divisions were unique to India. d) Caste system was laid down from the point of view of Brahmanas.</p> <p>(iv). The feature that not correct about Al-Biruni's book Kitab-ul-Hind.</p> <p>a) It is voluminous text including 80 chapters. b) It is written in Persian. c) It is written in simple and lucid manner d) It covers subjects like astronomy, alchemy, iconography, laws, metrology etc.</p> <p>(v). Choose the incorrect option.</p> <p>Bernier described the Mughal towns as Camp towns and gave various descriptions which were.....</p> <p>a) They grew rapidly with movement of imperial court. b) They were dependent on imperial protection. c) They rapidly declined also. d) They had distinct social and economic foundation.</p>	(10x1=10)	Information

	<p>(vi). Consider the following statements.</p> <ol style="list-style-type: none"> i. Al-Biruni was well versed in languages like Greek, Sanskrit, Hebrew, Arabic, Turkish, Persian. ii. His book Kitab-ul-Hind in simple and lucid. iii. This book has 80 chapters. <p>Which of the above statements is/are correct?</p> <ol style="list-style-type: none"> a) ii and iii b) i and iii c) i and ii d) All of these <p>(vii). Who was Andal?</p> <ol style="list-style-type: none"> a) A devotee of Shiva b) A devotee of Vishnu c) A devotee of Allah d) A devotee of Jesus Christ <p>(viii). What do you mean by 'Hegiographies'?</p> <ol style="list-style-type: none"> a) Biographies of leaders b) Biographies of saints c) Biographies of artists d) Biographies of scientists <p>(ix). What are 'Maktubat'?</p> <ol style="list-style-type: none"> a) Variant of Urdu language b) Charitable trust c) Modes of worship d) Letters written by sufi saints <p>(x). 'Tavaram' is the</p> <ol style="list-style-type: none"> a) Collection of poems in Tamil b) Biographical accounts of saints c) Wedding songs d) Worship of the form of Goddess. a) for divine happiness 		
2	Part- B <i>Answer the following questions in short:</i> Write a note on the Kitab- Ul- Hind.	3	Evaluation
3	"The conception of social pollution intrinsic to the caste system was contrary to the law of nature" Examine Al-Biruni;s statement on Indian caste system.	3	HOT
4	Discuss Al-Biruni's understanding of the caste system.	3	Evaluation
5	Expalin how the biography of the saint poetess Mirabai has been primarily construct. How did she defy the norms of society?	3	Understanding & Evaluation
6	Part- C <i>Long questions answers:</i> According to Beriner, Crown ownership of land had disastrous consequences for the state and society"	8	Understanding & HOT

	<p>Justify the statement.</p> <p style="text-align: center;">Or</p> <p>Explain the teachings of Kabir and Guru Nanak.</p>		
7	<p style="text-align: center;">Part-D (Sources Based Questions)</p> <p>Read the following extract carefully and answer the questions that follow: Read the following passage given carefully and answer the questions that follow: <u>The One Lord</u></p> <p style="text-align: center;">Here is a composition attributed to Kabir: Tell me, brother, how can there be No one lord of the world but two? Who led you so astray? God is called by many names: Names like Allah, Ram, Karim, Keshav, Hari, and Hazrat. Gold may be shaped into rings and bangles. Isn't it gold all the same? Distinctions are only words we invent ... Kabir says they are both mistaken. Neither can find the only Ram. One kills the goat, the other cows. They waste their lives in disputation.</p> <p>Questions:- Q1.What is Kabir's argument against the distinction made between gods of different communities? Q2. Name any two scriptures in which verses, ascribed to Kabir, have been complied. Q3. How did Kabir described the ultimate reality?</p>	(2+2+1=5)	Application and understanding
8	<p style="text-align: center;">PART-E (Map Question)</p> <p>On an outline map of the world mark and name any 5 countries visited by Ibn Battuta.</p>	(5x1=5)	Identification




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

Subject: Political Science
Allotment Date: 25 August 2023

Assignment No. : 4

S.NO.	QUESTIONS	MARKS	NATURE
1	<p>Objective Type Questions:</p> <p>(i) Which one of the following statements related to the Indo- China war (1962) is correct? (A) China could not cross the line of control. (B) The Soviet Union remained neutral during the conflict. (C) The Soviet Union helped China against India. (D) The Chinese forces did not withdraw their troops back to earlier position.</p> <p>(ii) Indo- Russian relations strengthened after the signing of Treaty of Peace and Friendship in: (A) 1951 (B) 1961 (C) 1971 (D) 1981</p> <p>(iii) The key to growing India -Israel ties are: (A) defence (B) religion (C) trade (D) politics</p> <p>(iv) When OEEC was established? (A) 1947 (B) 1949 (C) 1948 (D) 1950</p> <p>(v) Which of these statements about the Bombay Plan is incorrect? (A) It was a blueprint for India's economic future. (B) It supported state-ownership of industry. (C) It was made by some leading industrialists. (D) It supported strongly the idea of planning.</p> <p>(vi) India and Pakistan signed the Indus Water Treaty in----- ---.</p> <p>(vii) Which of the following ideas did not form part of the early phase of India's developments policy?</p>	(10x1=10)	Information

	<p>(A) Planning (B) Liberalisation (C) Cooperative (D) Self-sufficiency</p> <p>(viii) What do you understand by Mixed Economy.</p> <p>(ix) Relationship between India and Russia are rooted in mutual: (A) suspense (B) cooperation (C) hatred (D) competition</p> <p>(x) Which declaration was signed with AESAN came into existence? (A) Singapore Treaty (B) Bangkok Declaration (C) AESAN Declaration (D) Warsaw Pact</p>		
2	What was the protest against Posco plants in Orissa?	2	Understanding
3	What was the major thrust of the First Five Year Plan? In which way did the second five year plan differ from the first one.	4	HOT
4	What is the Kerala model?	4	Understanding
5	Examine the Congress dominance in the first three General Elections.	4	Understanding
6	<p>Read the extract carefully and answer the questions that follow:</p> <p>Then there were critics who thought that the state did not do enough. They pointed out that the state did not spend any significant amount for public education and healthcare. The state intervened only in those areas where the private sector was not prepared to go. Thus the state helped the private sector to make profit. Also, instead of helping the poor, the state intervention ended up creating a new 'middle class' that enjoyed the privileges of high salaries without much accountability. Poverty did not decline substantially during this period, even when the proportion of the poor reduced, their numbers kept going up.</p> <p>Questions:</p> <ol style="list-style-type: none"> 1. What is the opinion of some critics in relation to development? 2. What is the characteristics feature of the middle class according to the above passage? 3. What is the opinion of author in terms of poverty? 	(1+2+2=5)	Analytical

<p>7</p>	 <p>Look at the above clippings of the Hindustan Times. You will agree that the agricultural conditions of India went from bad to worse in 1960s. In the light of this, answer the following questions:</p> <p>(a) How did India solve her problem of food shortage?</p> <p>(b) Is India now sufficient in food production? State the reason for your answers.</p>	<p>(2+3=5)</p>	<p>Analytical</p>
<p>8</p>	<p>Give a brief account of India's relations with China.</p> <p style="text-align: center;">OR</p> <p>Critically examine the major outcomes of the Indian model of mixed economy.</p>	<p>6</p>	<p>HOT & Understanding</p>



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

Subject: Physical Education

Assignment No. : 4

Allotment Date: 25 August 2023

S.NO.	QUESTIONS	MARKS	NATURE
Part-A	<p>1) The Back Scratch test for upper body flexibility is executed in a position of</p> <ul style="list-style-type: none">I) SittingII) Standing.III) Jogging.IV) Walking. <p>2) 50M run/walk aims to measure an athlete's.....</p> <ul style="list-style-type: none">I) EnduranceII) SpeedIII) StrengthIV) Agility <p>3) Which of the following equipment is not required for six minute walk test?</p> <ul style="list-style-type: none">I) Measuring tapeII) Stop watchIII) ChairIV) Ruler <p>4) What does BMI measure?</p> <ul style="list-style-type: none">I) Body fat calculated on the basis of Height and Weight.II) The range of weight required to remain healthy.III) The amount of weight to reduced to remain healthy.IV) None of these. <p>5) Endurance depends upon:</p> <ul style="list-style-type: none">I) Maximal oxygen uptakeII) White muscles fiberIII) Body weightIV) Joint articulation <p>6) Speed determine factor is.</p> <ul style="list-style-type: none">I) White muscle fiberII) Red muscle fiberIII) Cardio vascular endurance <p>7) Contusion is.</p> <ul style="list-style-type: none">I) Cut over skinII) Crushing and damage of soft tissuesIII) Damage over muscles	1X8=8	Remembering

	IV) Displacement of bone 8) Cardio-respiratory system improves the: I) Heart size II) Lung volume III) New capillaries IV) All of the above		
Part-B	Following questions in 60 to 90 words:		
1.	Name the Test items of SAI Fitness Test and their purpose.	3	Understanding
2.	How speed can be tested? Explain	3	Application
3.	What are the effects of exercises on endurance.	3	Understanding
4.	Explain two soft tissue injuries	3	Understanding
Part-C	Answer the following question in 150 to 180 words		
1.	Discuss the computation of BMR	5	Understanding
2.	Explain any three test of Senior Citizen to check fitness ability	5	Knowledge
3.	Describe the management of Sprain and Strain injuries.	5	Understanding
4.	Explain the effects of exercises on muscular system.	5	Knowledge



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

Subject: Painting

Assignment No. : 4

Allotment Date: 25 August 2023

S.NO	QUESTIONS	MARKS	NATURE
.			
		1x8=8	Information
Q.1	Choose The Correct Answer: Which is not a Deccan Sub School? (a) Hyderabad (b) Ahmadnagar (c) Bijapur (d) Gharwal		
Q2.	Persian delicacy can be seen in the illustrated border with Calligraphy above and below- (a) Marriage Procession of Dara Shikoh. (b) Kabir & Raidas. (c) Chand bibi Playing Polo. (d) Hazrat Nizamuddin Aulia & Amir Khusro.		
Q3.	Who is Playing Music? (a) Hazrat Aulia (b) Kabir (c) Raidas (d) Amir Khusro		
Q4.	Identify the Painting from the statement-“The Colours are soothing and tones are subdued to suit the spritual aura of the two great Sufi Peronalities”? (a) Marriage Procession of Dara Shikoh. (b) Poet in garden. (c) Krishna on a swing. (d) Hazarat Nizamuddin Aulia and Amir Khusro.		
Q5.	In which painting Mughal artists had achieved mastery in creating crowded composition? (a) Krishna lifting mount Govardhana. (b) Kabir & Raidas. (c) Falcon on a Bird rest. (d) Marriage Procession of Dara Shikoh ki Barat.		
Q6.	Perspective is painstakingly depicted in the line of figures on the left decreasing in size on a receding ground? (a) Krishna lifting Mount Govardhana. (b) Kabir & Raidas. (c) Falcon on a Bird rest. (d) Marriage Procession of Dara Shikoh ki Barat.		
Q7.	Who was given the title Nadir ul Asr? (a) Aqa Riza (b) Mansur (c) Abdus Samad (d) Abul Hasan		
Q8.were the individual panting to be mounted in albums.		

	(a) Pichhwais (b) Patlis (c) Waslis (d) Muraqqas		
	Section : B		
Q9.	Marriage procession of Dara Shikoh ki Barat.	2x5=10	Evaluation
Q10.	Krishna Lifting Mount Govardhana.		
Q11.	Chand Bibi playing Polo.		
Q12.	Hazarat Nizamuddin Auliya and Amir Khusro.		
Q13.	Krishna with Gopies		
	Section : C		
Q14.	The main characteristics of Deccan School of Art.	2x6=12	Analytical
Q15.	Main features of Mughal School of Art.		
Q16.	OR Write Origin & development of Deccan School of Art.		



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

Subject: NCC

Assignment No. : 4

Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	<p>What is it called to perform one's duty honestly with interest and enthusiasm ?</p> <p>a) Management b) Duty c) Initiative d) none of these</p>	1	Information
2	<p>What are the main uses of leadership ?</p> <p>a) instilling confidence b) to encourage c) to encourage employees d) all of these</p>	1	Information
3	<p>Compliance with the order by the right officer is called ?</p> <p>a) Discipline b) Duty c) work d) none of these</p>	1	Knowledge
4	<p>is asked to obey orders by his discretion ?</p> <p>a)Duty b)work c) Discipline d) none of these</p>	1	Knowledge

5	<p>How do NCC develop the personality of a cadet to the fullest ?</p> <p>a) By developing team spirit b) By developing leadership qualities c) By developing the spirit of discipline d) all of these</p>	1	Information
6	<p>The oldest form of communication is-</p> <p>a) Writing b) Speech c) Reading d) Symbolic</p>	1	Information
7	<p>The big step forward in communication is-</p> <p>a) Speaking b) Reading c) Writing d) None of the above</p>	1	Knowledge
8	<p>The foremost skill required for learning a language is ____.</p> <p>a) Writing skill b) Reading skill c) Speaking skill d) Listening skill</p>	1	Knowledge
9	<p>Democratic style is a type of_____.</p> <p>a) Leadership b) Ideal c) Target d) Strength</p>	1	Critical Thinking
10	<p>Loyalty is an essential part of_____.</p> <p>a) Ideal b) Leadership c) Target d) all of the above</p>	1	Analytical Thinking
11	<p>What is mindset ?</p>	2	Critical Thinking

12	What are the various ways of communication?	2	Critical Thinking
13	What are leadership traits?	3	Information
14	What is the full form of SWOT? What does SWOT analysis focus on?	3	Analyzing Thinking
15	What do you understand by 'personality dimensions" ? List some dimensions of personality.	4	Critical Thinking
16	Why is effective communication important for youth?	4	Analyzing Thinking
17	Explain any five important leadership traits.	6	Critical Thinking
18	Why is self-awareness called mother of all skills?	6	Information



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

Subject: Psychology

Assignment No. : 4

Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1.	Physical, emotional and psychological fatigue states are known as: a) Resistance b) Stress c) Burnout d) Action	1	Critical Thinking
2.	Coping through efforts to control one's emotions is known to: a) Task Oriented Strategy b) Avoidance Oriented Strategy c) Emotion Oriented Strategies d) Goal Oriented Strategies.	1	Critical Thinking
3.	Improving time management is an example of a). Change yourself and your surroundings. b). Task Oriented Strategy c). Emotion-oriented strategies d). None of the above.	1	Critical Thinking
4.	GAS consists of her three phases: alarm response, resistance, and a). Attrition b). Aggression c). Sensation d). None of the above	1	Information
5.	Which of the following does not come under the stage of the GAS model? a) Aggression b) Exhaustion c) Both a and b d) Sensation.	1	Information
6.	Who defined stress as "the nonspecific response of the body to any demand"? a). Hans Selye b). Lazarus c). Holmes and Rahe d). None of the above.	1	Information
7.	Blocking of needs and motives by something or someone that hinders us from achieving desired goal leads to a). Internal pressures b). Social pressures c). Conflicts d). Frustration	1	Interdisciplinary

8.	Stress often contributes to ____ disease, a leading cause of death. a). Heart b). Cancer c). Dementia d). Both [A] and [B].	1	Information
9.	Key life skills agendas include: a) Develop skills according to needs and challenges b) develop skills c) receive an answer to each question d) to be a good teacher.	1	Understanding
10.	Blocking our needs or motivations by something or someone that prevents us from achieving the goals we want leads to a). Internal pressure b). Social pressure c). Conflict d). Frustration	1	Analytical Skill
11.	What is the difference between stress and frustration?	2	Evaluate
12.	Write a brief note about the signs and symptoms of stress.	2	Interdisciplinary
13.	Describe social stress as a type of stress.	2	Critical thinking
14.	Explain the concept of stress. Give examples from daily life.	3	Communication Skills
15.	Describe how life skills can help meet life's challenges.	3	Evaluate
16.	How does stress affect the immune system?	4	Interdisciplinary
17.	Discuss Life events and Hassles as sources of stress	4	Information
18.	Explain briefly four factors which facilitate the development of positive health.	6	Understanding
19.	Mental health professionals have attempted to understand psychological disorders using different approaches through the ages. Today, we have sophisticated facilities and hospitals dedicated to the treatment of the mentally ill. While studying the history of psychological disorders it is interesting to note that some practices from ancient times are still in use. Take the case of Lakshmi and her daughter, Maya. Maya exhibits abnormal behaviours and Lakshmi believes that this is because of evil spirits that have possessed her. She has been taking her daughter to a self-proclaimed healer, who uses counter-magic and prayer	2	Critical Thinking

	<p>to cure her. Stigma and lack of awareness prevents Lakshmi from using the modern facilities and hospitals that provide quality mental health care. On the other hand, when young Rita reported seeing people and hearing voices, mental health professionals at a modern facility were able to understand her hallucinations using a convergence of three approaches. Psychologists use official manuals like the Diagnostic and Statistical Manual of Mental Disorders – 5th Edition (DSM-5) and International Classification of Diseases (ICD-10) to indicate presence or absence of disorders. Today there is increased compassion for people who suffer from disorders and a lot of emphasis is placed on providing community care.</p> <p>1. Identify the method used by the healer to cure Maya’s illness. How does this theory from ancient times explain Maya’s treatment? 2. Which approach do you think would best explain Rita’s treatment? How do you think DSM – 5 and ICD - 10 help mental health professionals in indicating the presence or absence of disorders?</p>		
<p>20.</p>	<p>Sundar, a college-going 20-year-old male, has moved from his home town to live in a big city. He has continuous fear of insecurity and feels that enemy soldiers are following him. He gets very tense when he spots anyone in a uniform and feels that they are coming to catch him. This intense anxiety is interfering with his work and relationship, and his friends are extremely concerned as it does not make any sense to them. Sundar occasionally laughs abruptly and inappropriately and sometimes stops speaking mid-sentence, scanning off in the distance as though he sees or hears something. He expresses concern about the television and radio in the room potentially being monitored by the enemies. His beliefs are fixed and if they are challenged, his tone becomes hostile.</p> <p>1. Based on the symptoms being exhibited, identify the disorder. Explain the other symptoms that can be seen in this disorder. 2. Define delusion and inappropriate affect. Support it with the symptoms given in the above case study.</p>	<p>2</p>	<p>Critical Thinking</p>



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

Subject: Work Experience

Assignment No. : 4

Allotment Date: 25 August 2023

S. NO.	QUESTIONS	NATURE	Marks
1.	"Warli Art" origin state is -	Understanding	2
2.	"Warli Art" is a form of Tribal Art?	Knowledge	2
3.	Which Range of India are famous for creating "Warli Art"?	Understanding	2
4.	Till which year the "Warli Art" was not recognized properly?	Knowledge	2
5.	The "Warli Art" culture is centered around basically-	Understanding	2



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

Subject: Health and Physical Education

Assignment No. : 4

Allotment Date: 25 August 2023

S.N	QUESTIONS	NATURE	MARKS
1	MCQ A) How many players from each team are allowed to be on the field of Handball? i) 7 ii) 5 iii) 6 iv) 8	Understanding)	4x1=4
	B) What size is Handball court? i) 20 X 30 m ii) 20 X 40 m iii) 20 X 50 m iv) 20 X 60 m	Informatory	
	C) Penalties are thrown from what distance? i) 11 m ii) 9 m	Analytical	

	iii) 7 m iv) 4 m		
	D) Who is Babacar Fall? i) American Handball Player ii) Former president of European Handball Federation iii) Italian Handball Coach iv) Architect of African Handball	Information	
2.	B) Fill In The Blanks :- i) _____ is one of the best handballer in history.	Informatory	3×1=3
	ii) The playing area is _____ m.	Informatory	
	iii) After Three-minute suspensions, player get a _____ card.	Understanding	
3.	True/False i. Germany is cradle of the Handball? True False	Understanding	3×1=3

	ii. Beach Handball does not exist? True False	Understanding	
	iii. There is no shot clock? True False		