



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



Subject: English

Assignment No. : 5

Allotment Date: 15 January 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	You are Simer/ Sameer of Sarti International School, Jodhpur. Your school is organising a Cyclothon (bicycle race) on the occasion of Republic Day. Prepare a poster with complete information for the students.	6	Information
2	Read the extracts given below and answer the questions that follow. When did my childhood go ? Was it the day I ceased to be eleven? Was it the time I realised that Hell and Heaven Could not be found in Geography , And therefore could not be, Was that the day! I. What is the mood of the poet in the above lines? II. Which poetic device has been used in “ hell and heaven”? III. The word geography relates with..... IV. Which word in the above lines mean stopped ?	4	Understanding
3	Describe the difficulties and disillusionment faced by Nick Middleton during his journey to Mount Kailash.	5	HOTS
4	Why was the narrator disappointed to find no pilgrims at Darchen? Was his disappointment dispelled?	5	HOTS
5	Describe the difficulties and disillusionment faced by Nick Middleton during his journey to Mount Kailash.	5	Analytical Skill
6	Identify the clauses in the following sentences and state whether they are independent or dependent clauses. 1. Naomi’s mother was out of town, so she took care of everyone at home. 2. I could not study as the lights went out. 3. Since she was absent for over a month, she found it hard to catch up with all that was going on at the office. 4. If you are not able to do it yourself, please feel free to take help from anyone here. 5. Have some pancakes in case you are hungry.	1x5=5	Critical Thinking and Problem Solving
7	i.You are Priya/Piyush. You are a member of the Environment Club of your school. After visiting many places you have realized that it is the need of the hour to protect environment. You decide to create awareness among the students. Write a speech in 150-200 words on ‘Environmental protection’ to be delivered in the morning assembly.	2x5=10	Evaluation

	ii. "Academic excellence is the only requirement for a successful career." Write a debate either for or against the motion. (120 – 150 words)		
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Subject: Hindi

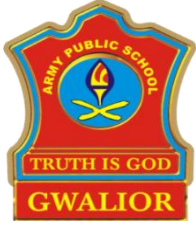
Assignment No. : 5

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S. NO.	QUESTIONS	MARKS	NATURE
1	<p>. भारत में हरित क्रांति का मुख्य उद्देश्य देश को खाद्यान्न मामले में आत्मनिर्भर बनाना था, लेकिन इस बात की आशंका किसी को नहीं थी कि रासायनिक उर्वरकों और कीटनाशकों का अंधाधुंध इस्तेमाल न सिर्फ खेतों में, बल्कि खेतों से बाहर मंडियों तक में होने लगेगा। विशेषज्ञों के मुताबिक रासायनिक उर्वरकों और कीटनाशकों का प्रयोग खाद्यान्न की गुणवत्ता के लिए सही नहीं है, लेकिन जिस रफ्तार से देश की आबादी बढ़ रही है, उसके मद्देनजर फसलों की अधिक पैदावार ज़रूरी थी। समस्या सिर्फ रासायनिक खादों के प्रयोग की ही नहीं है। देश के ज्यादातर किसान परंपरागत कृषि से दूर होते जा रहे हैं। दो दशक पहले तक हर किसान के यहाँ गाय, बैल और भैंस खूटों से बँधे मिलते थे। अब इन मवेशियों की जगह ट्रैक्टर-ट्राली ने ले ली है। परिणामस्वरूप गोबर और घूरे की राख से बनी कंपोस्ट खाद खेतों में गिरनी बंद हो गई। पहले चैत-बैसाख में गोहूँ की फसल कटने के बाद किसान अपने खेतों में गोबर, राख और पत्तों से बनी जैविक खाद डालते थे। इससे न सिर्फ खेतों की उर्वरा-शक्ति बरकरार रहती थी, बल्कि इससे किसानों को आर्थिक लाभ के अलावा बेहतर गुणवत्ता वाली फसल मिलती थी। (Delhi 2015)</p> <p>प्रश्न: 1. हमारे देश में हरित क्रांति का उद्देश्य क्या था?</p> <p>प्रश्न: 2. खाद्यान्नों की गुणवत्ता बनाए रखने के लिए किनका प्रयोग सही नहीं?</p> <p>प्रश्न: 3. विशेषज्ञ हरित क्रांति की सफलता के लिए क्या आवश्यक मानने लगे और क्यों?</p>	5	Information

	<p>प्रश्न: 4. हरित क्रांति ने किसानों को परंपरागत कृषि से किस तरह दूर कर दिया?</p> <p>प्रश्न: 5. हरित क्रांति का मिट्टी की उर्वरा शक्ति पर क्या असर हुआ? इसे समाप्त करने के लिए क्या-क्या उपाय करना चाहिए?</p>		
2	<p>क. "नारी शिक्षा कि आवश्यकता ख. शहरों में बढ़ते हुए अपराध</p>	5	Understanding
3	<p>निम्नलिखित काव्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए-</p> <p>1. शांति नहीं तब तक, जब तक सुख-भाग न सबका सम हो। नहीं किसी को बहुत अधिक हो नहीं किसी को कम हो। स्वत्व माँगने से न मिले, संघात पाप हो जाएँ। बोलो धर्मराज, शोषित वे जिएँ या कि मिट जाएँ? न्यायोचित अधिकार माँगने से न मिले, तो लड़ के तेजस्वी छीनते समय को, जीत, या कि खुद मर के। किसने कहा पाप है? अनुचित स्वत्व-प्राप्ति-हित लड़ना? उठा न्याय का खड्ग समर में अभय मारना-मरना?</p> <p>प्रश्न: (क) कवि के अनुसार शांति के लिए क्या आवश्यक शर्त है? (ख) तेजस्वी किस प्रकार समय को छीन लेते हैं ? (ग) न्यायोचित अधिकार के लिए मनुष्य को क्या करना चाहिए? (घ) कृष्ण युधिष्ठिर को युद्ध के लिए क्यों प्रेरित कर रहे हैं ?</p>	5	HOT
4	<p>प्रश्न -1 "नमक का दरोगा" मुंशी प्रेमचन्द्र द्वारा रचित एक ----- है। क . जीवनी ख .निबन्ध ग. कहानी</p>	5	Interdisciplinary

	<p>घ. नाटक</p> <p>प्रश्न -2 कहानी में प्रयुक्त नमक किसका प्रतिक है</p> <p>क .स्वाद का</p> <p>ख . सुगंध का</p> <p>ग .न्याय का</p> <p>घ . वफादारी का</p> <p>प्रश्न - 3 नमक का दरोगा कहानी का मुख्य पात्र है</p> <p>क .अलोपिदीन</p> <p>ख . वृद्ध मुंशी</p> <p>ग . वंशीधर</p> <p>घ . न्यायाधीश</p> <p>प्रश्न - 4 वंशीधर के पिता ने मासिक वेतन को क्या कहा है</p> <p>क .चाँद</p> <p>ख .अमावस्या का चाँद</p> <p>ग . पूर्णमासी का चाँद</p> <p>घ . बहता श्रोत</p> <p>प्रश्न – 5 इस कहानी में लक्ष्मी के उपासक कौन थे</p> <p>क .न्यायाधीश</p> <p>ख . वंशीधर</p> <p>ग . अलोपिदीन</p> <p>घ . उपयुक्त सभी</p>		
5	'प्रश्न – 3 मुख्य सड़क पर अनेक रेहड़ियों पर गन्ने का जूस तथा कटे-खुले फल धड़ल्ले से बिक रहे हैं पूजा गोयल की ओर से स्वास्थ्य अधिकारी , जहांगीर पूरी को पत्र लिखकर चिंता व्यक्त कीजिए ।	5	Analytical Skill
6	'महंगी शिक्षा' विषय पर फीचर लिखिए।	5	Critical Thinking and Problem Solving
7	'युवावर्ग में बढ़ती नशाखोरी' विषय पर अपने विचार लिखो	5	Evaluation
8	समाचार में बीट किसे कहते हैं ?	5	Communication Skills



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Subject: Mathematics

Assignment No. : 5

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S. NO.	QUESTIONS	MARKS	NATURE
1	The point (-2,-3,-4) lies in the: (a) First octant (b) Second octant (c) Second octant (d) Eighth octant	1	Information
2	If the points (5,2,4), (6,-1,2) and (8,-7,k) , are collinear then the value of k is: (a) 2 (b) -2 (c) 3 (d) -3	1	Understanding
3	Two adjacent vertices of a square are (-2,-3) and (1,1). The perimeter of the square is: (a) 10 (b) 15 (c) 20 (d) 25	1	HOT
4	The point nearest to the origin is : (a) (2,3) (b) (1,-4) (c) (4,0) (d) (2,1)	1	Understanding
5	Find the centroid of a triangle having vertices (4,8),(-2,6) and (4,7).	1	Understanding
6	What is the distance of a point P(x,y) from x-axis?	1	Understanding
7	Write the coordinates of any point in xz-plane.	1	Analytical Skill
8	Find the distance of the point (3,4,6) from z-axis.	1	Communication Skills
9	Evaluate: $\lim_{x \rightarrow \infty} \frac{1+2+3+\dots+n}{n}$	1	Evaluation
10	Evaluate: $\lim_{x \rightarrow \pi} \frac{\sin x}{x-\pi}$	1	Evaluation
11.	$\frac{d}{dx} (10^{10} + 10^x + x^{10} + 10)$ is equal to.....	2	Evaluation
12	Differentiate $ x $ with respect to x.	2	Analytical Skill
13	Find the third vertex of the triangle whose centroid is origin and two vertices are (2,4,6) and (0,-2,5).	2	Analytical Skill
14	If $f(x) = x^{100} + x^{99} + x^{98} + x^{97} + \dots + x + 1$, then $f'(1)$ is equal to.....	2	Critical Thinking and Problem Solving
15	If $y = \sqrt{\sin x}$, $0 < x < \pi/2$, then find dy/dx .	2	Evaluation
16	Find $\frac{d}{dx}(x^2 \cos x)$	2	Critical Thinking and Problem Solving

17	Find the ratio in which the line joining (2,3,4) and (-1,4,5) is divided by the plane $3x+2y-z+2=0$.	2	Critical Thinking and Problem Solving
18	Find the ratio in which the yz-plane divides the line segment formed by joining the points (-2,4,7) and (3,-5,8).	3	Evaluation
19	Find the derivative of $\sin(x^2 + 1)$ from first principle.	3	Analytical Skill
20	Find k so that $\lim_{x \rightarrow 2} f(x)$ may exist where $f(x) = \begin{cases} x^2 + 1, & x \leq 2 \\ x + k, & x > 2 \end{cases}$	5	Interdisciplinary
21	Find the equations of medians of a triangle formed by lines $x+y-6=0$, $x-3y-2=0$ and $5x-3y+2=0$	5	Understanding and problem solving



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Subject: Physics

Assignment No. : 5

Allotment Date: 15 January 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	What do you mean by elasticity and elastic limit	2	Interdisciplinary
2	What is Young's modulus of elasticity? write its unit and dimensional formulas.	2	Understanding
3	a) What is elastic after effect? b) Give one difference between stress and pressure	2	Information
4	Calculate the pressure at the depth of 50 m of sea water. The average density of sea water is $1.03 \times 10^3 \text{ kg m}^{-3}$	2	Evaluation
5	Why water in a metallic pot can be boiled quickly if the bottom of the pot is made black and rough than a highly polished surface?	2	Analytical Skill
6	A) Why is the energy of thermal radiation less than that of visible light? B) Why a thick glass tumbler cracks when boiling liquid is poured into it?	2	Understanding
7	A geyser heats water flowing at the rate of 3.0 liters per minute from 27°C to 77°C . If the geyser operates on a gas burner, what is the rate of consumption of the fuel if its heat of combustion is $4.0 \times 10^4 \text{ J/g}$?	3	HOT
8	What causes restoring stress when a wire is stretched and when a body is compressed?	3	Evaluation

S. NO.	QUESTIONS	MARKS	NATURE
9	The breaking stress of aluminum is $7.5 \times 10^8 \text{ dyne cm}^{-2}$. Find the greatest length of aluminum wire that can be hung vertically without breaking. The density of aluminum is 2.7 g cm^{-3} . Take $g = 980 \text{ cm s}^{-2}$.	3	Evaluation
10	Explain why (a) Two bodies at different temperatures T_1 and T_2 , if brought in thermal contact do not necessarily settle to the mean temperature $(T_1 + T_2)/2$? (b) The coolant in a chemical or nuclear plant (i.e., the liquid used to prevent different parts of a plant from getting too hot) should have high specific heat. Comment. (c) Air pressure in a car tires increases during driving. Why? (d) The climate of a harbor town is more temperate (i.e.,	3	HOT

	without extremes of heat and cold) than that of a town in a desert at the same latitude. Why?		
11	Why the force required by a man to move his limbs immersed in water is smaller than the force required for the same movement in air?	3	Understanding
12	A) The passengers are advised to remove the ink from their f pens while going up in an airplane. Explain why? B) Why a sinking ship often turns over as it becomes immersed in water?	3	Understanding
13	What is venturimeter ? At two points in venturimeter the area of cross – section are a_1 and a_2 and their pressure difference is 'H' . Calculate the volume of liquid flowing per second through it	5	Critical thinking and Problem solving
14	a) When air is blown in between the two balls suspended from a string such that they don't touch each other, the balls come nearer to each other. Why? b) What do you understand by streamline and turbulent flow? Give difference. Two streamline flow do not intersect each other. Why?	5	Analytical Skill



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Subject: Chemistry

Assignment No. : 5

Allotment Date: 15 January 2023

S.NO	QUESTIONS	MARKS	NATURE
1	What are redox reaction?	2	Information
2	Compare classical concept and electron transfer concept of redox reaction .	2	Understanding
3	Calculate value of x & y in the following redox reaction- $x\text{Cl}_2 + 6\text{OH}^- \rightarrow \text{ClO}_3^- + y\text{Cl}^- + 3\text{H}_2\text{O}$ are	2	Understanding
4	Calculate oxidation state of chromium in $[\text{Cr}(\text{PPh}_3)_3(\text{CO})_3]$.	2	Understanding
5	Which of the following is not a reducing agent and why? (a) SO_2 (b) H_2O_2 (c) CO_2 (d) NO_2^-	2	Information
6	Calculate number of moles of $\text{K}_2\text{Cr}_2\text{O}_7$ reduced by 1 mole of Sn^{2+} .	2	Understanding
7	For the redox reaction- $\text{MnO}_4^- + \text{C}_2\text{O}_4^{2-} + \text{H}^+ \rightarrow \text{Mn}^{2+} + \text{CO}_2 + \text{H}_2\text{O}$ find out stoichiometric coefficients of MnO_4^- , $\text{C}_2\text{O}_4^{2-}$, H^+ are	3	Understanding
8	The oxidation number of iron in Fe_3O_4 , Fe_2O_3 and FeCl_3 is -----, -----and -----	3	Understanding
9	Which is a redox reaction? (a) $\text{H}_2\text{SO}_4 + 2\text{NaOH} \rightarrow \text{Na}_2\text{SO}_4 + 2\text{H}_2\text{O}$ (b) $\text{BaCl}_2 + \text{H}_2\text{SO}_4 \rightarrow \text{BaSO}_4 + 2\text{HCl}$ (c) $\text{CH}_3\text{COOH} + \text{C}_2\text{H}_5\text{OH} \rightarrow \text{CH}_3\text{COOC}_2\text{H}_5 + \text{H}_2\text{O}$ (d) $2\text{FeCl}_3 + \text{SnCl}_2 \rightarrow 2\text{FeCl}_2 + \text{SnCl}_4$	3	Understanding
10	A compound contains atoms of three elements -A, B & C. If the oxidation number of A is +2, B is +5 and that of C is -2. Write the possible formula of the compound .	3	Understanding
11	Calculate Oxidation number of sodium in sodium amalgam	3	Understanding
12	For the reaction: $\text{M}^{x+} + \text{MnO}_4^- \rightarrow \text{MO}_3 + \text{Mn}^{2+} + 2\text{H}_2\text{O}$ if one mole of MnO_4^- oxidised 1.67 moles of M^{x+} to MO_3 , Calculate the value of x in the reaction .	3	HOT
13	Explain redox reaction in terms of Hydrogen, Oxygen, Electropositive element and electron gain or loss.	5	Information
14	Define Oxidation number?	5	Application

	The oxidation state of chromium in i. $\text{Cr}(\text{CO})_6$ is----- ii $\text{K}_2\text{Cr}_2\text{O}_7$ iii K_2CrO_4 iv CrO_2Cl_2		
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9	Compare and contrast the osmoregulatory problems and adaptations of a marine fish with a freshwater bony fish.	3	Information
10	State the importance of counter-current systems in renal functioning.	3	HOT
11	State the position and function of the juxtaglomerular apparatus.	3	HOT
12	Describe the hormonal feedback circuits in controlling renal functions.	3	Understanding
13	Briefly state the mechanism of urine formation in the human kidney.	5	Information
14	Describe the functional anatomy of a human nephron.	5	Evaluation



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Subject: Accountancy

Assignment No. : 5

Allotment Date: 15 January 2023

S. NO.	QUESTIONS	MARKS	NATURE
1.	If the trial balance does not tally after many efforts, then the _____ account is opened. (a) Purchase account (b) Suspense account (c) Sales account (d) None of the above	1	Knowledge
2.	If the suspense account does not balance off even after rectification of errors, it implies that _____. (a) There are some one-sided errors only in the books yet to be ascertained (b) There are no more errors yet to be ascertained (c) There are some two-sided errors only, that is yet to be ascertained (d) There may be both two-sided errors and one-sided errors, that are yet to be ascertained	1	Application
3.	If the two sides of the trial balance do not tally, which account is opened? (a) Suspense account (b) Personal account (c) Real account (d) None of the above	1	Knowledge
4.	If wages paid for the installation of new machinery is debited to the wages account, it is _____. (a) An error of commission (b) An error of principle (c) A compensating error (d) An error of omission	1	Knowledge
5.	The error which can be disclosed by trial balance is _____. (a) Error of omission (b) Error of principle (c) Compensatory error (d) None of the above	1	Knowledge
6.	A trial balance is prepared after _____. (a) Preparation of the financial statement (b) Recording the transactions in the subsidiary books	1	Knowledge

	(c) Posting it to the ledger is complete (d) Posting it to the ledger is complete, and the accounts have been balanced		
7.	Errors committed by omitting entries in the journal book are called _____. (a) Error of commission (b) Error of principle (c) Error of omission (d) None of the above	1	Knowledge
8.	Errors committed due to lack on the basis of the principle of accounting are called _____. (a) Compensating errors (b) Error of principle (c) Single-sided error (d) None of the above	1	Knowledge
9.	If the trial balance agrees, it implies that _____. (a) There are no errors in the book (b) There may be two-sided errors in the book (c) There may be one-sided errors in the book (d) There may be both one-sided errors and two-sided errors in the books	1	Knowledge
10.	Which of the following is not an error of principle? (a) Purchase of furniture debited to purchase account (b) Repairs on the overhauling of second-hand machinery purchased debited to repairs account (c) Cash received from XYZ posted to ABC (d) Sale of old car credited to sales account	1	Knowledge
11.	What is a suspense account? Is it necessary that suspense account will balance off after rectification of the errors detected by the accountant? If not, then what happens to the balance still remaining in suspense account?	3	Knowledge and Understanding
12.	What kinds of errors would cause difference in the trial balance? Also list examples that would not be revealed by a trial balance?	3	Understanding and knowledge
13.	Rectify the following errors : (a) Sales book under cast by Rs. 300. (b) Purchases book under cast by Rs. 400. (c) Return Inwards book under cast by Rs. 200. (d) Return outwards book under cast by Rs. 100.	4	Application and computation
14.	Rectify the following errors : (a) Credit sales to Mohan Rs. 7,000 were posted to Karan. (b) Credit purchases from Rohan Rs. 9,000 were posted to Gobind.	4	Understanding, Application and computation

	<p>(c) Goods returned to Rakesh Rs. 4,000 were posted to Naresh.</p> <p>(d) Goods returned from Mahesh Rs. 1,000 were posted to Manish.</p>		
15.	<p>Rectify the following errors assuming that suspense account was opened.</p> <p>Ascertain the difference in trial balance.</p> <p>(a) Depreciation provided on machinery Rs. 4,000 was not posted to Depreciation account.</p> <p>(b) Bad debts written-off Rs. 5,000 were not posted to Debtors account.</p> <p>(c) Discount allowed to a debtor Rs. 100 on receiving cash from him was not posted to discount allowed account.</p> <p>(d) Goods withdrawn by proprietor for personal use Rs. 800 were not posted to Drawings account.</p> <p>(e) Bill receivable for Rs. 2,000 received from a debtor was not posted to Bills receivable account.</p>	4	Application and computation
16.	<p>Give journal entries to rectify the following errors assuming that suspense account had been opened.</p> <p>(a) Goods distributed as free sample Rs. 5,000 were not recorded in the books.</p> <p>(b) Goods withdrawn for personal use by the proprietor Rs. 2,000 were not recorded in the books.</p> <p>(c) Bill receivable received from a debtor Rs. 6,000 was not posted to his account.</p> <p>(d) Total of Returns inwards book Rs. 1,200 was posted to Returns outwards account.</p> <p>(e) Discount allowed to Reema Rs. 700 on receiving cash from her was recorded in the books as Rs. 70.</p>	6	Application and computation
17.	<p>Trial balance of Khatau did not agree. He put the difference to suspense account and discovered the following errors :</p> <p>(a) Credit sales to Manas Rs. 16,000 were recorded in the purchases book as Rs. 10,000 and posted to the debit of Manas as Rs. 1,000.</p> <p>(b) Furniture purchased from Noor Rs. 6,000 was recorded through purchases book as Rs. 5,000 and posted to the debit of Noor Rs. 2,000.</p> <p>(c) Goods returned to Rai Rs. 3,000 recorded through the Sales book as Rs. 1,000.</p> <p>(d) Old machinery sold for Rs. 2,000 to Maneesh recorded through sales book as Rs. 1,800 and posted to the credit of Manish as Rs. 1,200.</p> <p>(e) Total of Returns inwards book Rs. 2,800 posted to Purchase account.</p> <p>Rectify the above errors and prepare suspense account to ascertain the difference in trial balance.</p>	6	Application and computation



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



Subject: Business Studies
Allotment Date: 15 January 2023

Assignment No. : 5

S. NO.	QUESTIONS	MARKS	NATURE
1	1. _____ can check the price fluctuations in the market by holding back the goods when prices fall and releasing the goods when prices rise. (a) Wholesaler (b) Agent (c) Retailer (d) Mercantile agent	1	Knowledge and Remembering
2	The risk of bad debts in _____ business is eliminated, particularly when payment is received through V.P.P. (a) Tele-shopping (b) Mail order trading house (c) Departmental store (d) Cooperative store	1	Knowledge and Remembering
3	The persons who come in between the primary producer and the final consumer to promote trade is called as _____. (a) Trader (b) Middleman (c) Auctioneer (d) Agent	1	Knowledge and Remembering
4	Wholesalers deals in _____ quantity of goods. (a) Small (b) Limited (c) Large (d) Medium	1	Knowledge and Remembering
5	It is a network of a number of branches situated at different localities in the city or in different parts of the country. (a) Multiple shops (b) Consumers cooperative store (c) Hire purchase system (d) Internet marketing	1	Knowledge and Remembering
6	An agent is appointed by the _____. (a) Principal (b) Manufacturer (c) Wholesaler	1	Knowledge and Remembering

	(d) Retailer		
7	_____ are mobile traders who deal in low-priced articles with no fixed place of business. (a) Street stalls (b) Retailers (c) Itinerant traders (d) Agents	1	Knowledge and Remembering
8	This retail business acts as a universal supplier of a wide variety of products. (a) Departmental store (b) Multiple shops (c) Mail-order business (d) Tele-shopping	1	Knowledge and remembering
9	A warehouse keeper accepts goods for the purpose of _____. (a) Selling (b) Packaging (c) Export (d) Storage	1	Knowledge and Remembering
10	Small scale fixed retailers includes _____. (a) Hawkers (b) Pedlars (c) Cheap Jacks (d) General stores	1	Knowledge and Remembering
11	How does market information provided by wholesalers benefit the manufacturers?	3	Understanding and remembering
12	How do the wholesalers help the manufacturer in availing the economies of scale?	3	Knowledge, analyzing
13	How would you differentiate between street traders and street shops?	4	Understanding and reasoning
14	Explain the services offered by the wholesalers to the manufacturers.	4	Understanding
15	What are the services offered by retailers to wholesalers and consumers?	4	Understanding
16	Itinerant traders have been an integral part of internal trade in India. Analyse the reasons for their survival in spite of competition from large scale retailers.	6	Understanding and analyzing
17	Discuss the features of a departmental store. How are they different from multiple shops or chain stores?	6	Remembering , and understanding



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



Subject: Economics

Assignment No. : 5

Allotment Date: 15 January 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	Cumulative frequency series are of ____ types. (a) 4 (b) 3 (c) 2 (d) 6	1	Information
2	In chronological classification, data are classified on the basis of ____. (a) Area (b) Time (c) Attributes (d) None of these	1	Understanding
3	Data classified on the basis of characteristics which are numerically expressed is termed as Qualitative classification. (True/False)	1	HOT
4	The difference between collected data and actual value of facts is termed as ____.	1	Interdisciplinary
5	Errors in data acquisition is a ____ error.	1	Analytical Skill
6	The lottery method always gives you a random sample. (True/False)	1	Critical Thinking and Problem Solving
7	Samples provide better results than surveys. Defend or Refute	1	Evaluation
8	An investigator has selected a sample to suit his convenience. This method is: (a) Quota sampling (b) Convenience sampling (c) Random sampling (d) None of these	1	Evaluation Skill
9	In a village of 200 farms, a study was conducted to find the cropping pattern. Out of the 50 farms surveyed, 50% grew only wheat. What is the population and the sample size?	1	Analytical Skill
10	Which of the following methods give better results and why: Census or Sample?	1	Interdisciplinary

11	Mention any three precautions to be observed in the use of secondary data.	3	Communication Skills
12	Which of the following errors is more serious and why? (a) Sampling errors (b) Non-sampling errors	3	Critical Thinking and Problem solving
13	Differentiate between Inclusive series and Exclusive series.	4	Interdisciplinary
14	Explain briefly essential requirements of a good sample.	4	Understanding/Analyse
15	Do samples provide better results than surveys? Give reasons for your answer.	4	HOT
16	How is systematic sampling a short cut method of random sampling? Give the merits for systematic sampling.	6	Critical Thinking and Problem solving
17	What do you mean by classification of data? Explain types of classification of data.	6	Evaluation



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



Subject: History

Assignment No. : 5

Allotment Date: 15 January 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) Ptolemy's ----- was a work on astronomy.</p> <p>(ii) Define 'Document of Indulgences'.</p> <p>(iii) 'Mona Lisa' was the most famous painting of ----- .</p> <p>(iv) Copernicus was afraid of printing his manuscript because</p> <p>(a) It was not good to mankind</p> <p>(b) It was a disclosure of Church's fallacy</p> <p>(c) It would here jeopardise his image in society</p> <p>(d) He wanted to avoid its bitter percussions in his individual life-time.</p> <p>(v) The families that gave more importance to women during the 15th century were those of</p> <p>(a) aristocrats.</p> <p>(b) artists.</p> <p>(c) merchants.</p> <p>(d) scholars.</p> <p>(vi) Renaissance is best known for its</p> <p>(a) cultural developments.</p> <p>(b) social developments.</p> <p>(c) political developments.</p> <p>(d) economic developments.</p> <p>(vii) Anatomy, geometry, physics, as well as a strong sense of what was beautiful, gave a new quality to Italian art, which was to be called</p> <p>(a) aesthetic realism</p> <p>(b) epistemological realism</p> <p>(c) philosophical realism</p> <p>(d) realism</p> <p>(viii) Protestant Reformers was</p> <p>(a) A document opposing church practises</p> <p>(b) A movement against Catholic Church by Martin Luther, a monk</p> <p>(c) A mutiny</p> <p>(d) Peasants' movement opposing over-taxation.</p> <p>(ix) Gregorian calendar was introduced by Pope</p> <p>(a) Evaristus</p> <p>(b) Gregory XIII</p> <p>(c) Peter St</p> <p>(d) Pius I</p> <p>(x) The opening of trade between Europe and China started in the</p>	(10x1=10)	Information

	(a) 9th century. (b) 10th century. (c) 11th century. (d) 12 th century.		
2	Part- B <i>Answer the following questions in short:</i> What were the reasons for progress in the field of science in the Renaissance?	3	Understanding
3	Briefly discuss the contribution of Martin Luther to the Reformation Movement.	3	Evaluation
4	What were the features of humanist thought?	3	Informative
5	Describe the changes brought by the Renaissance in the contemporary life of the people.	3	Understanding
6	Part- C <i>Long questions answers:</i> Write a careful account of how the world appeared different to seventeenth century Europeans. Or How did the Italian culture revive after the fall of Western Roman empire?	8	Understanding and Evaluation
7	Part-D (Sources Based Questions) Read the following source carefully and answer the questions that follow: Niccolo Machiavelli wrote about human nature in the fifteenth chapter of his book, The Prince (1513). So, leaving aside imaginary things, and referring only to those which truly exist, I say that whenever men are discussed (and especially princes, who are more exposed to view), they are noted for various qualities which earn them either praise or condemnation. Some, for example, are held to be generous, and others miserly. Some are held to be benefactors, others are called grasping; some cruel, some compassionate; one man faithless, another faithful; one man effeminate and cowardly, another fierce and courageous; one man courteous, another proud; one man lascivious, another pure; one guileless, another crafty; one stubborn, another flexible; one grave, another frivolous; one religious, another sceptical; and so forth. Machiavelli believed that 'all men are bad and ever ready to display their vicious nature partly because of the fact that human desires are insatiable'. The most powerful motive Machiavelli saw as the incentive for every human action is self-interest. Questions: (i) Who was Niccolo Machiavelli? (ii) Why was he famous for? (iii) What did Niccolo Machiavelli believe in?	(1+2+2=5)	Application and understanding
8	PART-E (Map Question) On the political map of Italy, mark and locate the following States: a) Venice, b) Padua, c) Genoa, d) Mantua e) Florence.	(5x1=5)	Identification




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



Subject: Political Science
Allotment Date: 15 January 2023

Assignment No. : 5

S. NO.	QUESTIONS	MARKS	NATURE
1	<p>Objective Type Questions:</p> <p>(i) Who defined the functions and responsibilities of the Supreme Court?</p> <p>(a) Law of the land (b) Supreme court (c) Supreme court tribunal (d) Constitution</p> <p>(ii) By convention who is appointed as the chief justice of India?</p> <p>(a) Senior-most judge of the High Court (b) Junior-most judge of the Supreme Court (c) Senior-most judge of the Supreme Court (d) Senior Member of Law Commission</p> <p>(iii) The salaries and allowances of the judges' are determined by</p> <p>(a) Parliament (b) Executive (c) Judiciary (d) President</p> <p>(iv) In Golaknath vs the State of Punjab case, the Supreme Court was led by Chief Justice</p> <p>(a) K. Suba Rao (b) R. S. Pathak (c) J. S. Verma (d) R. C. Lahoti</p> <p>(v) From which country we borrowed the power of Judicial Review.</p> <p>(vi) What is PIL?</p> <p>(vii) Whom does Supreme Court advise?</p> <p>(a) Cabinet (b) Prime Minister (c) President (d) Parliament</p> <p>(viii) When a person can move directly to the Supreme Court?</p> <p>(ix) The tenure of the members of the Rajya Sabha is:</p> <p>(a) 5 years (b) 4 years (c) 6 years (d) 3 years (x) Which is the apex Court in India?</p>	(10x1=10)	Information

2	What are the advisory powers to the Supreme Court?	2	Understanding
3	How are the judges of Supreme Court appointed?	4	HOT
4	Does independence of the Judiciary mean that the Judiciary is not accountable to anyone? Give arguments.	4	Critical and Analytical thinking
5	In what way can public interest litigation help the poor?	4	Evaluation
6	<p>Read the extract carefully and answer the questions that follow:</p> <p>Besides, as we saw in the section on jurisdiction of the Supreme Court, in the case of federal relations too, the Supreme Court can use the review powers if a law is inconsistent with the distribution of powers laid down by the Constitution. Suppose, the central government makes a law, which according to some States, concerns a subject from the State list. Then the States can go to the Supreme Court and if the court agrees with them, it would declare that the law is unconstitutional. In this sense, the review power of the Supreme Court includes power to review legislations on the ground that they violate fundamental rights or on the ground that they violate the federal distribution of powers. The review power extends to the laws passed by State legislatures also.</p> <p>Questions:</p> <ol style="list-style-type: none"> 1. What is judicial review by the Supreme Court? 2. What does judicial review consist of? 3. How does judicial review extend in the federal distribution of power? 	(1+2+2=5)	Analytical
7	<p>Study the cartoon carefully and answer the questions that follow:</p>  <p>Questions:</p> <ol style="list-style-type: none"> a) What is the cartoon about? b) What message is being conveyed through the cartoon? c) What are the instruments of Judicial Activism? 	(2+2+1=5)	Analytical
8	<p>How is judicial activism related to the protection of Fundamental Rights? Has it helped in expanding the scope of Fundamental Rights?</p> <p>Or</p> <p>Explain the composition and jurisdiction of the subordinate courts at the district level in India.</p>	6	Evaluation and HOT



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



Subject: Physical Education
Allotment Date: 15 January 2023

Assignment No. : 5

S.NO.	QUESTIONS	MARKS	NATURE
Part-A	<p>1) The principal of sports training is:</p> <p>I) Continuity II) Overload III) Cyclicity IV) All of theses</p> <p>2) According to principle of progression, load should be:</p> <p>I) Increased suddenly II) Increase gradually III) Decrease suddenly IV) Decrease gradually</p> <p>3) Which of the following is not a cycle under the principle of cyclicity?</p> <p>I) Macro II) Mini III) Meso IV) Micro</p> <p>4) Which of the following is the symptoms of overload?</p> <p>I) Depression II) Loss of weight III) Loss of sleep IV) All of these</p> <p>5) Rapid physical changes happen in:</p> <p>I) Infancy II) Childhood III) Adolescence IV) Adulthood</p> <p>6) Jumping Jack exercise consists of:</p> <p>I) Adduction II) Abduction III) Circumduction IV) Both (I) and (II)</p> <p>7) The study of human behavior is called:</p> <p>I) Psychology II) Home Science III) Social Science IV) Political Science</p>	1X8=8	Remembering

	8) Vocational guidance is helpful in: I) Infancy II) Childhood III) Adulthood IV) Adolescence		
Part-B	Following questions in 60 to 90 words:		
1.	What is team cohesion?	3	Understanding
2.	Briefly explain the meaning of sports training.	3	Application
3.	Define sports psychology.	3	Understanding
4.	Why warming up and cooling down is important in sports?	3	Understanding
Part-C	Answer the following question in 150 to 180 words		
1.	Describe any 5 management of adolescence problem.	5	Understanding
2.	Explain any 5 principles of sports training.	5	Knowledge
3.	Describe any 5 importance of sports psychology in physical education and sports.	5	Understanding
4.	Discuss the adaptation and recovery processes.	5	Knowledge



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



Subject: Painting

Assignment No. : 5

Allotment Date: 15 January 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	<p style="text-align: center;">Section : A</p> <p>A. Which of the following is the location of the figure of The Dancing Girl?</p> <ul style="list-style-type: none">a) Mohenjodarob) Lothalc) Kalibangand) Harrappa <p>B. Which of the following is the medium used for making the Bull Seal?</p> <ul style="list-style-type: none">a) Limestoneb) Terracottac) Bronzed) Steatite(white river stone) <p>C. What do the four hands of shivanatrajsymbolize ?</p> <ul style="list-style-type: none">a) Four vicesb) Four companionsc) Four cardinal directionsd) None of these <p>D. Which of the following is not found in the artistry of Indo Islamic architecture?</p> <ul style="list-style-type: none">a) Calligraphyb) Abstract geometric elementsc) Pietradura –inlay workd) Dancing figures <p>E. Under which Indian dynasty was the descent of the ganga made</p> <ul style="list-style-type: none">a) Chandelasb) Pallavasc) Cholasd) Rashtrakutas <p>F. What is the location of sculpture of Ravan shaking mount kailash given in your course of study.</p> <ul style="list-style-type: none">a) Kailashnath temple (cave no 16 at Ellora)b) Elephant near Bombay, Maharashtrac) Konark – orrisad) Vimlavashi temple <p>G. Kali bangan surrounding site is related to which state of our country?</p> <ul style="list-style-type: none">a) Gujratb) Uttar Pradeshc) Haryana	8 x 1=8	Information

	<p>d) Rajsthan</p> <p>H. What is the meaning of mural</p> <p>a) Painting</p> <p>b) Sculpture</p> <p>c) The art work painted directly on wall or ceiling</p> <p>d) Graphic art</p>		
2.	<p style="text-align: center;">Section : B</p> <p>General instructions answer to be written for each is about 100 words.</p> <ol style="list-style-type: none"> 1. Write a short note on "Roaring Animal" 2. Write a short note on "Dancing Girl" 3. Name the types of caves found in Ajanta? 4 . Elaborate the technique of Ajanta Paintings. 5. Describe the sculpture Mother and Child. <p style="text-align: center;">Section : C</p> <p>General instruction :- Answer to be written about 200 words.</p> <p>Q6 Write the characteristics of Ajanta Art?</p> <p>Q7 Write a brief note on Uma Parvati?</p>	2x5=10	HOT
3.		6x2=12	Analysing



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



Subject: Psychology

Assignment No. : 3

Allotment Date: 15 January 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	_____ starts from particular facts to succeed in a general conclusion. a. Means-end analysis b. Analogy c. Premise d. Induction	1	Understanding
2	People often solve problems by trying the identical solution that worked for an identical problem. this is often referred to as solving problems experimentally. a. Means-end analysis b. Analogy c. Premise d. Generalization	1	Remembering
3	_____ describe specific procedures needed to resolve a controversy. a. Concepts b. Symbols c. Algorithms d. Systematic search	1	Application
4	People usually think by the means of a. mental images b. knowledge c. cognition d. writing	1	Remembering
5	_____ independently from the individual who describes them. the world that can be assessed that interest _____ independently from the individual who describes them. Leaving early for work to avoid traffic is an example of what style of learning? a. Positive Reinforcement b. Negative Reinforcement c. Punishment d. conditioning	1	Application
6	Thinking is a. higher mental process b. goal directed c. mostly organized d. creativity	1	Remembering
7	Which is not the component of creativity? a. flexibility b. originality	1	Analysing

	c. elaboration d. functional		
8.	The ability that enables person to go into details and workout implications of new ideas is called a. fluency b. flexibility c. originality d. elaboration	1	Reasoning
9	The process of creative thinking begins with a. preparation b. incubation c. illumination d. verification	1	Remembering
10.	Which is the barrier to creative thinking? a. Habit b. Culture c. Social norms d. emotions	1	Understanding
11	What is thinking? What is a concept?	2	Analysing
12	What is linguistic relativity theory?	2	Remembering
13	Explain the nature of thinking.	2	Understanding
14	Give the processes of creative thinking.	2	Understanding
15	Identify obstacles that one may encounter in problem solving.	2	Application
16	Explain thought as a determinant of language.	3	Knowledge
17	What is reasoning ? What are its types?	3	Analysing
18	Are judgment and decision-making interrelated processes? Explain.	4	Application
19	How is language acquired in human beings? Or Does thinking take place without language? Discuss.	4	Knowledge
20	A cup can be used in different ways. Explain all the features of creative thinking using this example. Or How is language acquired in human beings	6	Application



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



Subject: NCC

Assignment No. : 3

Allotment Date: 15 January 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	In which city the national institute of Disaster Management is situated? a) Kolkata b) New Delhi c) Hyderabad d) Manipur	1	Information
2	Which wave of an earthquake is produced by a rolling effect along the earth's surface? a) L wave b) P wave c) S wave d) None of the above	1	Knowledge
3	How many steps are there in the disaster recovery process? a) 7 b) 4 c) 8 d) 5	1	Information
4	Select the correct full form of ISDR? a) International Sustainable Development Report b) International Strategy for Disaster Reduction c) International Significant Disaster Resources d) Intergovernmental Strategy for Developing Recreation	1	Knowledge
5	Who released the first Disaster Management Plan of India? a) H. D. Deve Gowda b) Atal Bihari Vajpayee c) Manmohan Singh d) Narendra Modi	1	Information
6	Communication helps officials to _____ the employees. a) Eliminate b) Motivate c) Threaten d) Apprise	1	Knowledge
7	The general categories of communications are- a) Speech, writing b) Printing c) Electronic communication	1	Critical Thinking

	d) All of the above		
8	Common kinds of narrative skills are - a) How to do something b) How something works c) Both a & b d) Arrange the information properly	1	Critical Thinking
9	The most crucial part of the _____ process is thinking of converting to _____ what one hears. a) reading; understanding b) speaking; meaning c) hearing; interpreting d) listening; meaning	1	Critical Thinking
10	International day of Natural Disaster Reduction is celebrated on? a) June 15 b) March 5 c) October 13 d) September 13	1	Information
11	What is the full form of SWOT?	2	Knowledge
12	What do you understand by communication?	2	Critical Thinking
13	Explain any two dimensions of a person's personality.	3	Analytical Thinking
14	Write three differences between landslide and earthquake.	3	Analyzing
15	What are the responsibilities of national executive committee (NEC)?	4	Information
16	Write about any five major effects of natural calamities.	4	Critical Thinking
17	Explain the responsibilities of NDMA? Write five points. 6	6	Information
18	What factors must determine the choice of leadership style?	6	Critical Thinking