



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

Subject: English

Assignment No. : 3

Allotment Date: 15 November 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	Orient Export House , Delhi needs a receptionist for their office. Draft a suitable advertisement to be published in the classified columns of the newspaper in not more than 50 words.	6	Information
2	Read the extract given below and answer the questions that follow. I am the poem of the Earth, said the voice of the Rain Eternal I rise impalpable out of the land and the bottom less sea, Upward to heaven , whence vaguely formed altogether changed , and yet the same i. Which poetic device has been used in “ I am the poem of the Earth” ? ii. Which words in the extract mean “ that can not be touched” ? iii. How is the rain altogether changed yet the same ? iv. Which poetic device has been used in “ bottomless sea” ?	4	Understanding
3	Nature echoed the unnatural happenings with king Tut’s body. Comment.	5	HOTS
4	Explain : “ I stopped , horrified, I was in a room I knew and did not know.”(With reference to “ Address”)	5	HOTS
5	Pick the instances that bring out the element of humour in the play Mother’s Day.	5	Analytical Skill
6	Prepare a speech in favour / against the motion “ Education should be privatized entirely”.	5	Critical Thinking and Problem Solving
7	From the given options, fill in the blanks by choosing the right word from the list given. (who, have taken, are living, ensure, who, belong, maintain, quite, lives) Even though we _____ in the 21st century, there are many people _____ still don’t have any homes. These people have no proper jobs and, as a result, find it difficult to _____ their livelihoods. The children who _____ to these families are often _____ and are deprived of the facility to go to school. There are _____ a few NGOs that are working hard to make the _____ of these people a bit simpler. Many educated youths _____ up the	1X10=10	Evaluation

	<p>responsibility to teach these children and even get them admitted to local schools run by the government. It is our responsibility to help these people and _____ that they can lead a good life too. After all, if we do not help our fellow beings, _____ will?</p>		
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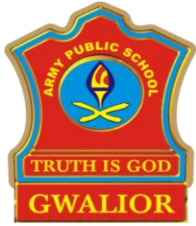
Subject: Hindi

Assignment No. : 3

Allotment Date: 15 November 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	<p>प्रश्न -1 निम्नलिखित काव्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए।</p> <p>मनमोहिनी प्रकृति कि गोद में बसा है सुख स्वर्ग - सा जहाँ है, वः देश कौन -सा है जिसके चरण निरंतर रत्नश धो रहा है जिसका मुकुट हिमालय, वह देश कौन - सा है नदियाँ जहाँ सुधा कि धरा बहा रही है सीचा हुआ सलोना, वह देश कौन सा है जिसके बड़े रसीले, फल कंद, नाज मेवे सब अंग में सजे हैं, वह देश कौन सा है जिसके सुगंध वाले, सुंदर प्रसून प्यारे दिन रात हँस रहे हैं वह देश कौन सा है मैदान, गिरि, वनों में हरियाली महकती आनन्दमय जहाँ है, वह देश कौन सा है</p> <p>क. मनमोहिनी प्रकृति कि गोद में कौन -सा देश बसा हुआ है ? 2 ख. भारत कि नदियों कि क्या विशेषता है? 2 भारत के फूलों का स्वरूप कैसा है ? 2 किसी एक विषय पर निबन्ध लिखिए। 5</p> <p>क अनेकता में एकता ख मनोरंजन के आधुनिक साधन ग विज्ञापन कला के लाभ</p> <p>ग.</p>	5	Information
2	<p>प्रश्न - 3 अपने नगर के महापौर को पत्र लिखकर नगर में नियमित एवं अपर्याप्त जल - वितरण से होने वाली असुविधाओं के प्रति उनका ध्यान आकृष्ट कीजिए।</p> <p style="text-align: center;">5</p>	5	Understanding

3	वर्तमान सामाजिक व्यवस्था” पर एक फीचर लिखिए।	5	HOT
4	<ol style="list-style-type: none"> 1. विशेषीकृत पत्रकारिता से आप क्या समझते हैं ? 2. हिंदी पत्रकारिता दिवस कब और किस उपलक्ष्य में मनाया जाता है? 3. सपादकीय में लेखक का नाम क्यों नहीं दिया जाता है ? 4. ‘वाँचडॉंग पत्रकारिता’ किस प्रकार लोकतंत्र का प्रहरी है ? 5. किन्ही चार हिंदी समाचार पत्रों के नाम लिखिए, जिनके इंटरनेट संस्करण भी उपलब्ध हैं। 	5	Interdisciplinary
5	‘आपके उपवन के पौधे ’ विषय पर आलेख लिखिए।	5	Analytical Skill
6	भारत सरकार ने केन्द्रीय हिंदी संस्थान,आगरा से चतुर्थ श्रेणी के कर्मचारियों के आँकड़े माँगे थे , इसकी जानकारी पर पत्र लिखिए।	5	Critical Thinking and Problem Solving
7	घरों में काम करने वालों के जीवन की जटिलताओं का पता चलता है।घरेलू नौकरों को और किन समस्याओं का सामना करना पड़ता है। इस पर विचार प्रकट कीजिए ?	5	Evaluation
8	दिनों – दिन गहराते पानी के संकट से निपटने के लिए क्या आज युवा वर्ग ‘राजस्थान की रजत बुँदे ’ कि इंद्र सेना की तर्ज पर कोई सामूहिक आन्दोलन प्रारम्भ कर सकता है? अपने विचार व्यक्त कीजिए?	5	Communication Skills



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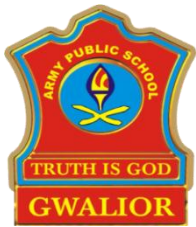
Subject: Mathematics

Assignment No. : 3

Allotment Date: 15 November 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	Evaluate i^{4n+3} where $n \in \mathbb{Z}$.	1	Understanding
2	Solve the given quadratic equation $2x^2 + x + 1 = 0$.	1	HOT
3	Write the multiplicative inverse of $z = a+ib$	1	HOT
4	Write the real and imaginary parts of the zero complex number.	1	Understanding
5	If $z = 1+i$, then find the value of z^2 .	1	Understanding
6	Express $i^{35} + \frac{1}{i^{65}}$ in the form of $a+ib$.	1	Understanding
7	If $z = 1+i$, then find the value of z^2 .	1	Understanding
8	Find the modulus and argument of the complex number $z=1-i$.	1	Information
9	Find the A.M. between 5 and 21.	1	Information
10	Find sum of first 100 natural numbers.	1	Understanding
11	Write the value of the tenth term of the sequence: $1(1) + 2(1+2) + 3(1+2+3) + \dots$	2	HOT
12	Write the first five terms of the sequence $a_n = \frac{n}{n+1}$.	2	HOT
13	If G.M. between two positive numbers is 16. If one numbers is 32, find the other number.	2	Analytical Skill
14	How many two-digit numbers are divisible by 8?	2	Understanding
15	Which term of the geometric progression 2, $2\sqrt{2}$, $4, \dots, 256$?	2	Interdisciplinary
16	If sum to n terms of the series $2^3 + 4^3 + 6^3 + \dots$ is 3528, then find n.	2	Understanding
17	If $x+iy = \frac{(1+i)^2}{2-i}$, then find the value of $x+y$.	2	Understanding
18	If $a+ib = \left(\frac{1-i}{1+i}\right)^{100}$, then find (a, b).	3	Critical Thinking and

			Problem Solving
19	If the sum of first p terms of an AP is equal to the sum of the first q terms, then find the sum of first (p+q) terms.	3	Critical Thinking and Problem Solving
20	If a, b, c are in G.P. and $a^{1/x} = b^{1/y} = c^{1/z}$, prove that x, y, z are in A.P.	5	Critical Thinking and Problem Solving
21	In an increasing G.P., the sum of first and last term is 66 and the product of the second and second last term is 128. If the sum of the series is 126, find the number of terms of the series.	5	Critical Thinking and Problem Solving



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Subject: Physics

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S. NO.	QUESTIONS	MARKS	NATURE
1	The radius of the earth is 6400 km and $g = 10 \text{ m/s}^2$. In order that a body of 5 kg weighs zero at the equator, the angular speed of the earth is	2	Information
2	A missile is launched with a velocity less than the escape velocity. The sum of its kinetic and potential energy is	2	Understanding
3	There is no atmosphere on the moon because	2	Understanding
4	The gravitational potential energy of a body at a distance r from the centre of earth is U . What is the weight of the body at that point?	2	HOT
5	A satellite revolving around earth loses height. How will its time period be changed?	2	Analytical Skill
6	Should the speed of two artificial satellites of the earth having different masses but the same orbital radius, be the same?	2	Hot
7	If a person goes to a height equal to radius of the earth from its surface. What would be his weight relative to that on the earth.	3	Understanding
8	a) The escape velocity for a body projected vertically upwards from the surface of the earth is 11 km/s. If the body is projected at an angle of 45° with the vertical, the escape velocity will be	3	Information
9	.If a person goes to a height equal to radius of the earth from its surface. What would be his weight relative to that on the earth.	3	Evaluation
10	Draw graphs showing the variation of acceleration due to gravity with (a)height above the earth's surface, (b)depth below the Earth's surface.	3	Critical thinking and Problem solving
11	a) What do you understand by 'Escape velocity'? Derive an expression for it in terms of parameters of given planet b) If a body of mass m is taken out from a point below the surface of earth equal to half the radius of earth, R , to a height R above the earths surface,	3	Interdisciplinary

	then work done on it will be		
12	What do you understand by gravitational field, Intensity of gravitational field . Prove that gravitational intensity at a point is equal to the acceleration due to gravity at that point.	3	Analytical Skill
13	A satellite is revolving around the earth, close to the surface of earth with a kinetic energy E. How much kinetic energy should be given to it so that it escapes from the surface of earth?	5	Critical thinking and Problem solving
14	A tennis ball and a cricket ball are to be projected out of gravitational field of the earth. Do we need different velocities to achieve so?	5	Interdisciplinary



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Subject: Chemistry

Assignment No. : 3

Allotment Date: 15 November 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	What do you mean by dynamic equilibrium?	2	Understanding
2	Give one example each of homogeneous and heterogeneous equilibrium	2	Understanding
3	What are redox reactions?	2	Information
4	State Le chatelier's principle. Explain the effect of concentration change on equilibrium.	2	Information
5	Specify effect of catalyst on equilibrium.	2	Information
6	Give one example of Homogenous and Heterogenous equilibria.	2	Understanding
7	1. Define acids and bases on the bases of following- (a) Arrhenius concept (b) Bronsted Lowry concept (c) Lewis concept.	3	Analytical skills
8	Derive the reaction $C_p - C_v = R$	3	Analytical skills
9	Differentiate between K_c and Q_c . Under what condition $K_c = Q_c$	3	Understanding
10	At a certain temperature and total pressure of 10^5 Pa, iodine contains 40% by volume of I atoms $I_2 \rightarrow 2I$ Calculate K_p for the reaction.	3	HOT
11	HCl is stronger acid than acetic acid. Support your answer .	3	Analytical skills
12	. Derive relation between K_a and K_b .	3	understanding
13	Describe the effect of a.addition of H_2 b.Addition of CH_3OH c.Removal of CO d.Removal of CH_3OH in the equilibrium reaction $2H_2 + CO \rightarrow CH_3OH$	5	Interdisciplinary
14	$CH_4 + H_2O \rightarrow CO + 3H_2$ is a equilibrium equation a.Write expression for K_p b.How value of K_p and composition of equilibrium mixture is affected by i.Increase in temperature ii.Increase in pressure iii.Using catalyst	5	Interdisciplinary

11	What are the important characteristics of growth? Describe in brief.	3	HOT
12	What are the different phases of growth? Explain with the help of well-labeled	3	Understanding
13	What do you understand by senescence? What are the various types of senescence observed in plants? Can growth regulators restart senescence?	5	Information
14	Mention any two causes of seed dormancy. Give its significance.	5	Evaluation



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Subject: Business Studies

Assignment No. : 3

Allotment Date: 15 November 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	ATM facility to withdraw money is an example of: a) C2C Commerce b) B2B Commerce c) Intra B Commerce d) B2C Commerce	1	Knowledge
2	Physical presence is required in case of : a) Traditional business b) E-Business c) Both a and b d) None of these	1	Knowledge
3	Which of the following is also known as contract of Assurance? a) Marine assurance b) Life insurance c) Health insurance d) Fire insurance	1	Knowledge
4interlinks the savings bank account with a fixed deposit account. a) Recurring deposit account b) Current account c) Multiple option deposit account d) None of these	1	Understanding
5	There is full guarantee by the issuing bank branch about its payment to the payee. So there is no risk ofgetting dishonoured. a) Bank draft b) Cheque c) Both a and b d) None of these	1	Understanding
6	It is in the long term self-interest of the business to fulfill its social responsibility towards: a) Workers b) Consumers c) Shareholders d) All of the above	1	Understanding
7management plays a crucial role in guiding the entire organisation towards ethical behaviour. a) Top b) Middle	1	Knowledge

	c) Lower d) None of these		
8	Which of these is a source of short term finance? a) Shares b) Trade credit c) Debentures d) All of these	1	Understanding
9	Retained earning is also known as : a) Internal financing b) Ploughing back of profits c) Self financing d) All of these	1	Knowledge
10	The liability of equity share holder is: a) Unlimited b) Limited c) Zero d) None of these	1	Knowledge
11	Classify e-business transactions on the basis of parties involved in electronic transactions.	3	Understanding and remembering
12	Differentiate between Marine insurance and Life Insurance. Or Briefly discuss the following postal saving scheme: (i) Recurring deposit account (ii) National Saving Account (iii) Public Provident Fund.	3	Reasoning , knowledge And understanding
13	Discuss 'Trade Credit' as a source of finance. Or Discuss 'Inter Corporate Deposits' as a source of finance.	4	Remembering
14	Differentiate between Equity Shares and Preference Shares on the basis of (i) rate of dividend; (ii) degree of risk; (iii) redemption; (iv) appeal to investor Or Explain GDRs and ADRs as source of finance.	4	Understanding and remembering
15	Explain the various elements of business ethics? Or Discuss the reasons, which justify the need for pollution control.	5	Remembering
16	These are the unsecured deposits invited by the companies from the public mainly to finance working capital needs. A company can use this source of finance for a period of six months to three years. Therefore , they are primarily a source of short term finance. However , they can be renewed from time to time. Renewal facility enables companies to use them as medium term finance. Amount raised from this source of finance cannot exceed 25% of its share capital and free reserves. Companies prefer this source of finance because they are cheaper than bank loans and investors prefer it because rate of interest on this source is higher than on bank deposits. a) Identify the source of finance highlighted in the given case. b) State any three features of source of finance highlighted in (a) above. c) The source of finance highlighted in (a) above is	5	Remembering

	regulated by (Reserve Bank of India / State Bank of India)		
17	<p>a) Harish took a fire insurance policy of Rs. 20 lacs for a factory at the annual premium of Rs.24,000. In order to avoid premium more than this amount he did not disclose that highly explosive Chemicals are being manufactured in his factory. Due to a fire his factory gets severely damaged. The insurance company refuse to make the payment for claim as it became aware about the highly explosive chemicals. Is Harish entitled to receive the claim? Explain the principle of insurance violated by Harish.</p> <p>b) Vaishali had taken a car insurance policy of Rs.3 lakh from Tata AIG insurance. Her car was stolen. After completing all the legal formalities Tata AIG Paid the full policy amount to her. However after 1 year the police recovered the stolen car. Now Vaishali wants to sale the car to realise money from it while Tata AIG claims to have a right over it. Identify and state the principle of insurance which is applicable in the given case. Also state who has the right over the car.</p> <p>c) Mr Srinivas has ensured his warehouse for Rs. 10 lakh against fire. The goods kept in the warehouse requires special kind of cooling environment for which Shrinivas has installed centralised air conditioning unit. However due to some reasons the goods were damaged by heat and smoke without ignition. Due to this he suffered a loss loss of stock work Rs 4 lakh. Can Srinivas recover his loss from the insurance company identify the principle involve in this case.</p>	6	Remembering , application and understanding



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Subject: Accountancy

Assignment No. : 3

Allotment Date: 15 November 2022

S. NO.	QUESTIONS	MARKS	NATURE
1.	Rohan has returned goods worth Rs.20,000 to Radheyshyam as he found it defective. Which document will be prepared by Radheyshyam? a) Invoice / bill b) Debit note c) Credit voucher d) Credit note	1	Application
2.	Purchase of goods from Raghu for cash will be credited to: a) Purchase account b) Raghu's account c) Cash account d) Goods account	1	Application
3.	Wages paid for the installation of a new machine will be debited to: a) Wages account b) Repairs account c) Machinery account d) Capital account	1	Computation
4.	The balance of Petty Cash Book is: a) Expenses b) Profit c) Assets d) Liability	1	Understanding
5.	Purchase of assets on credit is recorded in: a) Purchase book b) Purchase Return Book c) Cash Book d) Journal Proper	1	Knowledge
6.	Goods returned to X will be posted to: a) Credit of X's a/c b) Debit of purchase return a/c c) Credit of purchase return a/c d) Credit of sales return a/c	1	Understanding
7.	If bank reconciliation statement is prepared from the debit balance of pass book, we will get: a) Debit balance as per cash book b) Credit balance as per cash book c) Credit balance as per pass book	1	Understanding

	d) None of the above																																			
8.	Write the procedure of balancing the personal account.	1	Knowledge																																	
9.	What is meant by Debit Balance of Pass Book.	1	Reasoning																																	
10.	Why a Cash Book always shows a Debit Balance?	1	Reasoning																																	
11.	Is Cash Book a Journal or a Ledger?	1	Reasoning																																	
12.	Answer the following: a) What is a Pay in Slip? b) What is a Compound Voucher? c) Depreciation charged on machinery, which accounting voucher will be prepared for it?	3	Understanding																																	
13.	Journalize the following: a) Sold goods to y costing Rs.10,000 at 30% profit on cost less 10% trade discount. b) Purchased goods from Ashok & co. for Rs.50,000 at 20% trade discount. Half of the payment was made in cash. c) Allow Rs.5,000 as interest on capital and charge Rs.1,000 as interest on drawings. d) Out of the insurance paid this year, Rs.3,000 is related to next year.	4	Application and computation																																	
14.	Enumerate four advantages of Ledger. Why is Ledger called the book of final entry? What is J.F.?	4	Understanding																																	
15.	Write up Cash Book of Bhanu Partap with Cash and Bank Columns from the following transactions:-	6	Application and computation																																	
	<table border="1"> <thead> <tr> <th>2017</th> <th></th> <th>(Rs.)</th> </tr> </thead> <tbody> <tr> <td>March 1</td> <td>Cash-in-hand</td> <td>2,710</td> </tr> <tr> <td></td> <td>Cash at Bank</td> <td>27,500</td> </tr> <tr> <td>3</td> <td>Received from Subhash</td> <td>3,500</td> </tr> <tr> <td>4</td> <td>Sold goods for cash</td> <td>10,000</td> </tr> <tr> <td>7</td> <td>Paid Rent by Cheque</td> <td>800</td> </tr> <tr> <td>8</td> <td>Paid Sohan by cheque</td> <td>3,000</td> </tr> <tr> <td>10</td> <td>Bought goods for cash</td> <td>15,000</td> </tr> <tr> <td>12</td> <td>Paid cash for stationery</td> <td>200</td> </tr> <tr> <td></td> <td>Drew from Bank for office use</td> <td>8,000</td> </tr> <tr> <td>15</td> <td>Received cheque from Surendra and sent it to Bank</td> <td>6,600</td> </tr> </tbody> </table>	2017		(Rs.)	March 1	Cash-in-hand	2,710		Cash at Bank	27,500	3	Received from Subhash	3,500	4	Sold goods for cash	10,000	7	Paid Rent by Cheque	800	8	Paid Sohan by cheque	3,000	10	Bought goods for cash	15,000	12	Paid cash for stationery	200		Drew from Bank for office use	8,000	15	Received cheque from Surendra and sent it to Bank	6,600		
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	16	Paid for advertisement	750		
	18	Issued cheque in favour of Nath Brothers	4,300		
	19	Cash Sales	13,000		
		Paid into Bank	16,000		
	20	Received cheque from Vinod and sent it to Bank	2,400		
	22	Bought Scooter and paid for the same by cheque	18,000		
	25	Bank returned Surendra's cheque dishonoured			
	28	Paid salary by cheque	7,200		
		Paid Trade expenses	2,000		
	29	Cash sales	9,500		
	30	Paid into Bank	10,000		
16.	Verma Bros. Kolkata carry on business as wholesale cloth dealer. From the following, write up their Purchases Book for January, 2018:			6	Application and computation
	April 3	Purchased on credit from M/s. Birla Mills, Kolkata: 100 pieces long cloth @ Rs. 800 each 50 pieces shirting @ Rs. 500 each Trade discount @10%			
	April 8	Purchased for cash from M/s. Ambika Mills, Ahmedabad: 50 pieces muslin @ Rs. 1,000 each Trade discount @10%			
	April 15	Purchased on credit from M/s. Arvind Mills, Ahmedabad:			

		<p>20 pieces coating @ Rs. 2,000 each</p> <p>10 pieces shirting @ Rs. 500 each</p> <p>Trade discount @5%</p>		
	April 20	<p>Purchased on credit from M/s. Bharat Typewriter Ltd. Kolkata:</p> <p>5 typewriters @ Rs. 1,400 each</p>		
17.	<p>On 30th June, 2019, bank column of the Cash Book showed balance of Rs. 12,000 but the Pass Book showed a different balance due to the following reasons:</p> <p>(i) Cheques paid into the bank Rs. 8,000 but out of these only cheques of Rs. 6,500 credited by bankers.</p> <p>(ii) The receipts column of the Cash Book undercast by Rs. 200.</p> <p>(iii) On 29th June, a customer deposited Rs. 3,000 directly in the Bank Account but it was entered in the Pass Book only.</p> <p>(iv) Cheques of Rs. 9,200 were issued of which Rs. 2,200 were presented for payment on 15th July.</p> <p>(v) Pass Book shows a credit of Rs. 330 as interest and a debit of Rs. 60 as bank charges.</p> <p>Prepare Bank Reconciliation Statement as on 30th June, 2019.</p>		6	Knowledge, application and computation



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Subject: Economics

Assignment No. : 3

Allotment Date: 15 November 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	When TP increases at increasing rate, MP: (a) falls (b) rises (c) remains constant (d) all of these	1	Information
2	Production function refers to functional relationship between inputs and ____. (a) cost (b) output (c) revenue (d) profit	1	Understanding
3	Maximum point (value of TP is): (a) When $MP=AP$ (b) When $MP>AP$ (c) $MP=0$ (d) When $AP=0$	1	HOT
4	When there are diminishing returns to a factor, TP always decreases. (True/False)	1	Interdisciplinary
5	AP rises only when MP rises. (True/False)	1	Analytical Skill
6	How is AFC curve shaped? Use diagram	1	Critical Thinking and Problem Solving
7	Can AC and AVC curves touch each other?	1	Evaluation
8	Give two examples of variable costs.	1	Evaluation Skill
9	A producer borrows money to run a business but manages the business himself. Identify implicit cost.	1	Analytical Skill
10	An owner withdraws Rs. 10,000 from his personal bank account and purchases a machinery for the business. Identify the explicit cost and implicit cost.	1	Interdisciplinary
11	An economist claims that if cost is zero, production is also zero but if production is zero, the cost may not be zero. Defend or refute his claim.	3	Communication Skills

12	Till which point (phase) should a producer keep increasing the variable factor to get maximum profit?	3	Critical Thinking and Problem solving
13	(a)What is the relation between AP and MP? (b)What should be an ideal measure to determine wage rate of a labour in a competitive economy?	4	Interdisciplinary
14	Why does SMC curve cut the AC at its minimum? Use diagram	4	Understanding/Analyse
15	Why is short run MC curve 'U' shaped? Use diagram	4	HOT
16	What are the different phases in the Law of variable proportions in terms of MP? Give reason behind each phase. Use diagram.	6	Critical Thinking and Problem solving
17	Explain the relationship between AVC and MC with the help of a diagram.	6	Evaluation



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

Subject: History

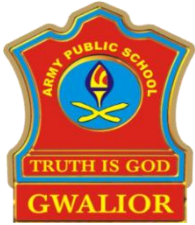
Assignment No. : 3

Allotment Date: 15 November 2022

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) The term Terra Nullius means: (a) Land belonging to nobody (b) Land belonging to natives (c) Land belonging to the state (d) Land of immigrants</p> <p>(ii) The Native American tribe, which was forcibly evicted by US President Andrew Jackson, was ____. (a) Hopis (b) Cherokees (c) Metis (d) Ottawas</p> <p>(iii) Europeans wanted to cut down native forests and replace them with (a) Sugarcane fields (b) Rice fields (c) Cornfields (d) Cotton fields</p> <p>(iv) The year in which Amerigo de Vespucci's Travels was published was (a) 1508 (b) 1507 (c) 1509 (d) 1510</p> <p>(v) Britain recognised the USA as an independent country in (a) 1781 (b) 1782 (c) 1783 (d) 1784</p> <p>(vi) In Canada, the Metis revolted against the colonization of their land between (a) 1869 and 1885 (b) 1870 and 1885 (c) 1871 and 1885 (d) 1872 and 1885</p> <p>(vii) The Constitution Act in America, which accepted the</p>	(10x1=10)	Information

	<p>existing aboriginal and treaty rights of the natives, was passed in the year</p> <p>(a) 1984 (b) 1986 (c) 1982 (d) 1988</p> <p>(viii) Workers who provided cheap labour in Australia were –</p> <p>(a) Chinese immigrants (b) African slaves (c) Australian aborigines (d) Indian labourers</p> <p>(ix) The ___ were the original inhabitants of one of the American state i.e., Georgia.</p> <p>(a) Cherokees (b) Georgians (c) Maya (d) Aztecs</p> <p>(x) The subject of Anthropology was introduced in North America from the ___</p> <p>(a) 1820s (b) 1830s (c) 1840s (d) 1850s</p>		
2	<p style="text-align: center;">Part- B</p> <p><i>Answer the following questions in short:</i> Why was the history of the Australian native peoples left out of the history books?</p>	3	Evaluation
3	How satisfactory is a museum gallery display in explaining the culture of a people? Give examples from your own experience of a museum.	3	HOT
4	How did the exchange of goods between the European traders and the natives of North- America prove beneficial for the Europeans?	3	Evaluation
5	Discuss the views of Washington Irving regarding the natives.	3	Evaluation
6	<p style="text-align: center;">Part- C</p> <p><i>Long questions answers:</i> What do you know about wind of change in the USA and Canada?</p> <p style="text-align: center;">Or</p> <p>Write a description about the winds of change in Australia.</p>	8	Understanding and Evaluation
7	<p style="text-align: center;">Part-D (Sources Based Questions)</p> <p>Read the following source carefully and answer the questions that follow: Thomas Jefferson, third President of the USA, and a</p>	(1+2+2=5)	Application and

	<p>contemporary of Wordsworth, spoke of the natives in words that would lead to a public outcry today: This unfortunate race which we have been taking so much pains to civilize... have justified extermination.</p> <p>Questions:</p> <p>(i) Who was Thomas Jefferson? (ii) Why was Thomas Jefferson known for? (iii) What were his views about the native Americans?</p>		understanding
8	<p style="text-align: center;">PART-E (Map Question)</p> <p>On the map of Australia mark and locate the following: (i) Perth (ii) Adelaide (iii) Darwin (iv) Melbourne (v) Canberra</p>	(5x1=5)	Identification




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WORKSHEET (SELF –ASSESSMENT)

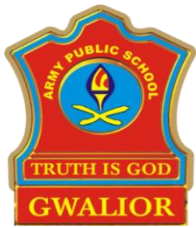
Subject: Political Science

Assignment No. : 3

Allotment Date: 15 November 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	Objective Type Questions: (a) Who presided over the joint session of the Parliament? (b) How many members are nominated by the President in Lok Sabha? (c) What is the tenure of the members of Rajya Sabha? (d) By whom is the budget introduced in Lok Sabha? (e) What is a bill? (f) In which book Plato gave his theory of Justice? (g) From which language the word 'Jus' is taken? (h) What is moral justice? (i) Who wrote the book 'Republic'? (j) Who was Immanuel Kant?	(10x1=10)	Information
2	What does Socrates state about justice?	2	Understanding
3	What do you mean by Social Justice? Do you agree that majority of the people are denied social justice in India? Discuss.	4	HOT
4	What are the main functions and powers of the Parliament?	4	Understanding
5	Explain the relationship between Lok Sabha and Rajya Sabha.	4	Evaluation
6	Read the extract carefully and answer the questions that follow: "Although there might be broad agreement in modern society about the equal importance of all people, it is not a simple matter to decide how to give each person his/her due. A number of different principles have been put forward in this regard. One of the principles is the principle of treating equals equally. It is consideration that all individuals share certain characteristics as human beings. Therefore they deserve equal rights and equal treatment. Some of the important rights which are granted liberal democracies today include civil rights such as the rights of life, liberty and property, political rights like the rights to vote, which enable people to participate in political processes, and certain social rights which would include the right to enjoy equal opportunities with other members of the society."	(1+2+2=5)	Analytical

	<p>Questions:</p> <p>a) Is it a simple matter to decide how to give each person his/her due? Suggest.</p> <p>b) What does the principle of equal importance of all people refer?</p> <p>c) Distinguish between civil and social rights.</p>		
<p>7</p>	<p>Study the cartoon carefully and answer the questions that follow:</p>  <p>Questions:</p> <p>a) What does the cartoon represent?</p> <p>b) Why do you think such situation occurs?</p> <p>c) Who takes the final decision on all such cases?</p>	<p>(2+2+1=5)</p>	<p>Analytical</p>
<p>8</p>	<p>Mention the various stages through which the bill passes before becoming an Act.</p> <p style="text-align: center;">Or</p> <p>'It is the notion of justice which binds liberty with equality'. Do you agree with this view? Why?</p>	<p>6</p>	<p>Evaluation and HOT</p>



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

Subject: Painting

Assignment No. : 3

Allotment Date: 15 November 2022

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 shivanatraj symbolize ?</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) Rashtra kutas <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 – orrisa	1x8=8	Thinking and Understanding

	<p>d) Vimlavashi temple</p> <p>G. Kali bangan surrounding site is related to which state of our country?</p> <p>a) Gujrat b) Uttar Pradesh c) Haryana d) Rajasthan</p> <p>a) Painting</p> <p>H. What is the meaning of mural</p> <p>b) Sculpture c) The art work painted directly on wall or ceiling 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. 	2x5=10	HOT
3.	<p style="text-align: center;">Section : C</p> <p>General instruction :- Answer to be written about 200 words.</p> <ol style="list-style-type: none"> 1. Write the characteristics of Ajanta Art? 2. Write a brief note on Mara Vijay. 	2x6=12	



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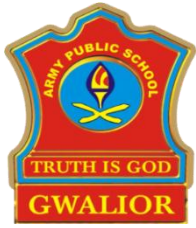
Subject: Physical Education

Assignment No. : 3

Allotment Date: 15 November 2022

S.NO.	QUESTIONS	MARKS	NATURE
Part-A	<p>1) According to Patanjali, the elements of yoga are: I) 6 II) 7 III) 8 IV) 9</p> <p>2) Who said 'Yogashchit Vriti Nirodhah'? I) Ved Vyas II) Lord Shrikrishna III) Arjuna IV) Patanjali</p> <p>3) The elements of Niyama are: I) 3 II) 4 III) 5 IV) 6</p> <p>4) The pre stage of meditation is: I) Dharna II) Dhyan III) Samadhi IV) Pranayama</p> <p>5) Who is the father of modern Olympic games? I) Pierre-de-coubertin II) Aristotle III) John Pele IV) None of these</p> <p>6) How many rings are there in the Olympics symbol? I) 4 II) 5 III) 6 IV) 7</p> <p>7) The Olympic ideal is: I) Faster II) Higher III) Stronger IV) All of the above</p>	1X8=8	Remembering

	8) The sports which is not included in Olympics is: I) Kabaddi II) Hockey III) Football IV) Athletics		
Part- B	Following questions in 60 to 90 words:		
1.	Define physical education.	3	Understanding
2.	Briefly explain Khelo India Scheme.	3	Application
3.	Write down the functions of IOC.	3	Understanding
4.	Explain 'Intellectual Continenence'.	3	Understanding
Part- C	Answer the following question in 150 to 180 words		
1.	Describe the formation and objectives of Indian Olympic Association.	5	Understanding
2.	Describe the various elements of yoga..	5	Knowledge
3.	Describe technology advancement in sports.	5	Understanding
4.	Write a detailed note on the kinds of Yogic Kriyas.	5	Knowledge



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

Subject: Psychology

Assignment No. : 1

Allotment Date: 15 November 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	In an experimental study of the extent to which mental alertness is inhibited by sleep deprivation, alertness would be the _____ variable a. Independent b. Dependent c. Extraneous d. Intervening	1	Application
2	The word “psychology” comes from: a. Latin b. Spanish c. Greek d. Italian	1	Remembering
3	_____ is to nature as _____ is to nurture. a. environment, genes b. conscious, unconscious c. inaccuracy, accuracy d. biology, experience	1	Knowledge
4	The school of psychology whose goal was to identify the basic elements of experience was called: a. experientialism b. dualism c. functionalism d. structuralism	1	Remembering
5	_____ assumes that there are facts about the world that can be observed and tested independently from the individual who describes them. _____ assumes that there are facts about the world that can be observed and tested independently from the individual who describes them. Professor Carter observes and records the behavior of grocery shoppers as they select items to purchase. Which type of research is Professor Carter using? a. survey research b. case study c. experimentation d. naturalistic observation	1	Understanding
6	The photosensitive chemical substance present in rods is _____. a) Rhodopsin b) Iodopsin	1	Remembering

	c) Chemotopsin d) None of the above		
7	Which one of the following is a feature of adolescence? a) Identity crises b) Centrism c) Animism d) Career crisis	1	Analysing
8.	Who did not give the theory of cognitive development? a) Jean Piaget b) Lawrence Kohlberg c) Erik Erikson d) All of the above	1	Reasoning
9	All of the experiences that a person has endured throughout their lifetime is called? a) Exosystem b) Chronosystem c) Mesosystem d) Macrosystem	1	Remembering
10.	The test measures what it is supposed to is called? a) Reliability b) Objectivity c) Subjectivity d) Validity	1	Understanding
11	Attachment bonds formed in childhood years have long-term effects. Explain taking examples from daily life	2	Analysing
12	Explain the concept of egocentrism.	2	Remembering
13	What is development? How is it different from growth and maturation? Or Difference between psychologist and psychiatrist	2	Understanding
14	How does motivation influence our attention and perception?	2	Application
15	What is behaviour? Give examples of overt and covert behaviour. Or What are the different types of test?	2	Application
16	Why do illusions occur?	3	Knowledge
17	How does perception of space takes place?	3	Analysing
18	Give a brief account of the evolution of psychology Or Define attention. Explain its properties.	4	Remembering
19	Give principles of perception given by gestalt psychologists. Or What is bottom up and Top down Processing? Give Examples.	4	Application
20	Adolescence is commonly defined as a stage of life that begins at onset of puberty when sexual maturity or	6	Understanding

	<p>ability to produce is attained. Problems or challenges that adolescents face are 1. Delinquency 2. Substance abuse 3. Eating disorder Psychological changes 1. Imaginary audience and personal fable 2. Formal operational stage 3. Major concerns</p> <p>Or</p> <p>The most appropriate enquiry for the following research problems are 1. Description and prediction 2. Application 3. Description , explanation and control (Detailed explanation is required)</p>		
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ARMY PUBLIC SCHOOL GWALIOR
CLASS - XI
ACADEMIC SESSION 2022-23
WORKSHEET (SELF –ASSESSMENT)

Subject: NCC

Assignment No. : 1

Allotment Date: 15 November 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	In which year was the national cadet corps established ? a) 1947 b) 1948 c) 1950 d) 1962	1	Knowledge
2	What is the principal of good firing? a) Good grip, good trigger clamp and good range b) Good range, good grip and good trigger clamp c) Good position, good weather d) Good grip, good grip and good trigger clamp	1	Knowledge
3	How is the firing of NCC cadets done? a) Grouping, snap shooting and wild fire b) Application, grouping and snap shooting c) Application, grouping and skate d) Skate, wildfire and grouping	1	Knowledge
4	What is the purpose of the drill? a) Losing weight b) Learning hindi c) Wearing smarts and correcting turnout d) Table learning	1	Knowledge
5	The length of the step in a fast speed in- a) 40 Inches b) 30 inches c) 35 inches d) None of these	1	Knowledge
6	Jallianwalabagh is located at- a) Jalandhar b) Bodh gaya c) amritsar d) chandigharh	1	Knowledge
7	Which of the following is a hindu scripture a) vedas b) purana c) guru granthshahib d) bible	1	Knowledge

8	Two or more people together achieve a common thing, it is called? a) Dialash b) Group c) Interaction d) Project	1	Knowledge
9	Where did the drill start? a) India b) Germany c) Africa d) Japan	1	Knowledge
10	Who is given the national salute? a) Major b) General c) President and governor of India d) Chief of army staff	1	Knowledge
11	What is the full form of WTLO?	2	Understanding
12	What role did religion play in ancient and medieval times?	2	Understanding
13	What is the importance of a well sized squad?	3	Analyzing
14	What is the elevation at different ranges?	3	Analyzing
15	What is the aim of youth exchange programme (YEP)?	4	Application
16	What is the present perspective of people about religion ?	4	Application
17	What safety precautions should be taken in the firing range?	6	Remembering
18	Why is national integration is a basic necessity ? explain any five reasons in detail.	6	Remembering