ARMY PUBLIC SCHOOL GWALIOR
CLASS - XI
ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)
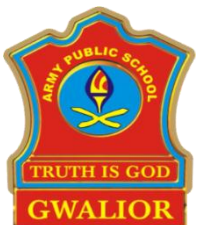
Subject: English   **Assignment No. : 3**
Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	Orient Export House , Delhi needs a Sales Manager 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	Explain the cyclic movement of rain in the poem " Voice of the Rain". Which poetic device is all pervasive in the poem ?	5	HOTS
4	Discuss the elements of nostalgia with reference to the poem "Childhood" by Markus Natten.	5	HOTS
5	Pick the instances that bring out the element of humour in the play Mother's Day. Quote them in your answer by giving a proper explanation to it.	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	1X10=10	Evaluation

_____ of these people a bit simpler. Many educated youths _____ up the 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?		

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

Subject: Hindi   **Assignment No. : 3**
Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	मनमोहिनी प्रकृति कि गोद में बसा है सुख स्वर्ग - सा जहाँ है, वः देश कौन -सा है जिसके चरण निरंतर रत्नेश 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 क. मनमोहिनी प्रकृति कि गोद में कौन -सा देश बसा हुआ है ? 2 ख. भारत कि नदियों कि क्या विशेषता है? 2 ग. भारत के फूलों का स्वरूप कैसा है ? 1	5	Information
2	"आपने पत्रकारिता का अध्धयन पूरा कर लिया है| किसी समाचार पत्र संवाददाता पड़ के लिए अपनी योग्यता का विवरण देते हुए आवेदन पत्र तैयार कीजिए| भारत में बाल मजदूरी की समस्या" विषय पर आलेख लिखिए		5	Understanding
3	4. चंपारण सत्याग्रह के बीच जो लोग गांधी जी के	5	HOT

संपर्क में आए वे आगे चलकर देश के निर्माताओं में गिने गए। चंपारण में गांधी जी न सिर्फ सत्य और अहिंसा का सार्वजनिक हितों में प्रयोग कर रहे थे बल्कि हलुवा बनाने से लेकर सिल पर मसाला पीसने और चक्की चलाकर गेहूँ का आटा बनाने की कला भी उन बड़े वकीलों को सिखा रहे थे, जिन्हें गरीबों की अगुवाई की जिम्मेदारी सौंपी जानी थी। अपने इन आध्यात्मिक प्रयोगों के माध्यम से वे देश की गरीब जनता की सेवा करने और उनकी तकदीर बदलने के साथ देश को आजाद कराने के लिए समर्पित व्यक्तियों की एक ऐसी जमात तैयार करना चाह रहे थे जो सत्याग्रह की भट्टी में उसी तरह तपकर निखरे, जिस तरह भट्टी में सोना तपकर निखरता और कीमती बनता है।

गांधी जी की मान्यता थी कि एक प्रतिष्ठित वकील और हज़ामत बनाने वाले हज़्ज़ाम में पेशे के लिहाज़ से कोई फ़र्क नहीं, दोनों की हैसियत एक ही हैं। उन्होंने पसीने की कमाई को सबसे अच्छी कमाई माना और शारीरिक श्रम को अहमियत देते हुए उसे उचित प्रतिष्ठा व सम्मान दिया था। कोई काम बड़ा नहीं, कोई काम छोटा नहीं, इस मान्यता को उन्होंने प्राथमिकता दी ताकि साधन शुद्धता की बुनियाद पर एक ठीक समाज खड़ा हो सके। आज़ाद हिंदुस्तान आत्मनिर्भर, स्वावलंबी और आत्म-सम्मानित देश के रूप में विश्व-बिरादरी के बीच अपनी एक खास पहचान बनाए और फिर उसे बरकरार भी रखे। (All India 2015)

प्रश्नः 1.
किसी काम या पेशे के बारे में गांधी जी की मान्यता क्याहै ?

प्रश्नः 2.
गांधी जी सबसे अच्छी कमाई किसे मानते थे?

प्रश्नः 3.
चंपारण सत्याग्रह के दौरान गांधी जी आध्यात्मिक

	प्रयोग क्यों कर रहे थे? प्रश्नः 4. गांधी जी लोगों को शारीरिक श्रम का महत्त्व किस तरह समझा रहे थे? प्रश्नः 5. शारीरिक श्रम को महत्त्व देने और हर काम को समान समझने के पीछे गांधी जी की दूरदर्शिता क्या थी?		
4	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 नही दिया जाता है ? 4. 'वॉचडॉग पत्रकारिता' किस प्रकार लोकतंत्र का प्रहरी है ? 5. किन्ही चार हिंदी समाचार पत्रों के नाम लिखिए, जिनके इंटरनेट संस्करण भी उपलब्ध है|	5	Interdisciplinary
5	'पर्यावरण है तो मानव है' विषय पर अनुच्छेद लिखिए|	5	Analytical Skill
6	'प्रश्न - 5 किसी एक विषय पर फीचर लिखिए	युवा पीढ़ी में घटते संस्कार , शहरों का डीएम घोटूं वातावरण	5	Critical Thinking and Problem Solving
7	क. नमक का दारोगा पाठ के आधार पर आज समाज में फैले भ्रष्टाचार का वर्णन कीजिए?	5	Evaluation
8	दिनों - दिन गहराते पानी के संकट से निपटने के लिए क्या आज युवा वर्ग कोई सामूहिक आन्दोलन प्रारम्भ क्र सकता है? अपने विचार व्यक्त कीजिए?	5	Communication Skills

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

Subject: Mathematics   **Assignment No. : 3**
Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	If $^{56}p_{r+6}$: $^{54}p_{r+3}$= 30800:1, then the value of r is: (a) 40 (b) 41 (c) 42 (d) none of these	1	Understanding
2	The number of chords that can be drawn through 16 points on circle is : (a) 100 (b) 90 (c) 120 (d) 130	1	HOT
3	The number of terms in the expansion of $(x^2+\frac{3}{x})^4$, $x \neq 0$ is: (a) 4 (b) 5 (c) 3 (d) none of these	1	HOT
4	Ten students are participating in a race. In how many can the first three prizes can be won?	1	Understanding
5	If $^nP_4 = {}^nP_5$, find n.	1	Understanding
6	In how many ways can five children stand in a queue?	1	Understanding
7	How many 3-digit numbers can be formed by using the digits 1 to 9 if no digit is repeated?	1	Understanding
8	In how many ways 6 books can be arranged in a shelf?	1	Information

9	**Assertion- Reason Type:**
	Direction: The following questions are Assertion-Reason type questions. Each of these questions contains two statements: Assertion (A) and Reason (R). Each of these questions also has four alternative choices, only one of which is the correct answer. You have to select the correct choice.
	    (a) Both A and R are true and R is the correct explanation of A.
	    (b) Both A and R are true and R is the not correct explanation of A.
	    (c) A is true but R is false.
	    (d) A is false but R is true.
	Assertion- Two real or two algebraic expressions related by the symbol$<, >, \leq, or \geq$ forms an inequality.
	Reason: The inequality ax+by < 0 is strict inequality.
		1	Information

10	Find sum of first 100 natural numbers.	2	Understanding
11	Write the value of the tenth term of the sequence: 1(1) +2(1+2) +3(1+2+3) +……….	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

S. NO.	QUESTIONS	MARKS	NATURE
15	Which term of the geometric progression 2, $2\sqrt{2}$,4…….256?	3	Interdisciplinary
16	If sum to n terms of the series $2^3+ 4^3+6^3+$……... is 3528, then find n.	3	Understanding
17	How many triangles can be formed with 20 points, out of which 7 are collinear?	3	Understanding
18	If $^nP_r = 336$, $^nc_r = 56$ find n and r and hence find $^{n-1}C_{r-1}$.	3	Critical Thinking and Problem Solving

19	Case Study:
	    In a Housing Society, a committee of 7 persons has to be formed from 9 men and 4 women. In how many ways can this be done when committee consists of:
	    (i) exactly 3 women?
	    (ii) at least 3 women?
	    (ii) atmost 3 women?
		4	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

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

Subject: Physics   **Assignment No. : 3**
Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE

1	What is the physical significance of moment of inertia?	2	Interdisciplinary
2	Define moment of inertia. Give its S.I unit.	2	Understanding
3	What will be the position vector of centre of mass of two particles of equal masses?	2	information
4	A wheel is rotating at a rate of 1200rpm and its kinetic energy is 10^6 J. Determine the M.I of the wheel about its axis of rotation.	2	Evaluation
5	Does the centre of mass of a body lie at point where there is absolutely no mass?	2	Analytical Skill
6	Where the centre of mass of two particle system lie if one particle is massive than the other particle?	2	Understanding
7	a) Does the moment of inertia of a body change with the speed of rotation? b) Why the angular velocity of earth around the sun increases when it comes closer to Sun?	3	Communication skill
8	a)Two boys of same weight sit at opposite ends of a diameter of a rotating circular table. What happens to the speed of rotation if they move nearer to the axis of rotation? b)The radius of a sphere is 5 cm.Calculate the radius of gyration about i) its diameter ii) about any tangent,	3	Evaluation

9	.a) A person is standing on a rotating turn table having metal spheres in his hand .If he withdraws his hand to his chest, what will be the effect on his angular velocity? b) Why spin angular velocity of a star greatly in enhanced when it collapses under gravitational pull and become the neutron star?	3	Information
10	Two identical particles move towards each other with velocity 2v and v respectively .What is the velocity of the centre of mass? .	3	Evaluation
11	Planets move around the sun in elliptical orbits. The gravitational force on the planet due to the sun is normal to the planet's velocity in general, but the work done by the gravitational force over every complete orbit of the planet is zero, why?	3	HOT
12	A carpet of mass M made of inextensible material is rolled along its length in the form of a cylinder of radius R and is kept on a rough floor. The carpet starts unrolling without sliding on the floor when a negligible small push is given to it .Calculate the horizontal velocity of the cylindrical part of the carpet well its radius is reduced to R/2.	3	HOT
13	A circular disc of moment of inertia I_t is rotating in a horizontal plane about its symmetry axis with a constant angular speed ω_i .Another disc of moment of inertia I_b is dropped coaxially on to the rotating disc.Intitially the second disc has zero angular speed. Eventually both the discs rotate with a constant angular speed ω_f. Calculate the energy lost by the initially rotating disc due to friction.	5	Critical thinking and Problem solving
14	Prove that for an earth satellite, the ratio of its velocity at apogee(when it is farthest from earth)to its velocity at perigee(when nearest to earth) is equal to the inverse ratio of the distance from apogee and perigee.	5	Analytical Skill

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

Subject: Chemistry   **Assignment No. : 3**
Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	What is resonsnce?	2	Information
2	Write down drawbacks of Octate rule.	2	Understanding
3	Distinguish between sigma and pie bond.	2	Information
4	Write the favourable factors for the formation of ionic bond.	2	Information
5	Which out of NH_3 and NF_3 has higher dipole moment? Why?	2	Information
6	What is significance of dipole moment?	2	Understanding
7	Although geometries of NH_3 and H_2O molecules are distorted tetrahedral ,bond angle in water is less than ammonia.Discuss	3	Understanding
8	Explain why BF_3 molecule has a zero dipole moment although B-F bond is polar.	3	HOT
9	Compare the relative stabilities of the following species and indicate their magnetic properties- O_2, O_2^+, O_2^-	3	HOT
10	Using MOT ,explain why Be_2 molecule does not exist.	3	Interdisciplinary
11	Draw diagrams showing formation of double and triple bond in C_2H_4 and C_2H_2.	3	Interdisciplinary
12	Draw shapes of i.PCl_5 ii.SF_6 iii.BCl_3	3	Interdisciplinary
13	What do you mean by Hybridisation? Describe shapes of sp, sp^2, sp^3 hybridised orbitals.	5	Information
14	Show hybridisation in PCl_5 and SF_6	5	HOT

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

Subject: Biology   **Assignment No. : 3**
Allotment Date: 25 August 2023

S.NO.	QUESTIONS	MARKS	NATURE
1.	**In which type of plants, the primary root is short- lived and is replaced by a large number of roots.**	2	Analytical Skills
2.	What are the functions of the root system?	2	Understanding
3.	What are the main functions of the shoot system?	2	Analytical Skills
4.	Describe the main parts of a leaf.	2	Interdisciplinary
5.	What do you mean by venation?	2	Understanding
6.	What is inflorescence? Name two types of inflorescences.	2	Information
7.	How is a cork formed in the plant? What is its commercial source?	3	Information
8.	What are the differences between lenticels and stomata?	3	HOT
9.	Why do plants die when water excessively?	3	Understanding
10.	Why are xylem and phloem are complex tissues?	3	HOT
11.	State the differences between guard cells and epidermal cells.	3	Interdisciplinary
12.	How are growth rings in a tree trunk formed?	3	Interdisciplinary
13.	Name the modifications of epidermal cells and the functions performed by them.	5	Understanding
14.	Draw a labelled diagram of the transverse section of a dicot and monocot root.	5	HOT

Subject: Accountancy   **Assignment No. : 3**
Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	Assertion: Accounting standards are written statements specifying uniform rules and practice for preparing financial statements. Reason: Accounting standards are formulated by companies Act 2013. Codes: a) Both (A) and (R) are correct b) (A) is correct (R) is incorrect c) Both (A) and (R) are correct, and R is the correct explanation of R d) Both (A) and (R) are correct, and R is not the correct explanation of R	1	Understanding
2	Income is measured on the basis of: a) Matching concept b) Consistency concept c) Cost concept d) None of the above	1	Knowledge
3	Under Companies Act, all companies are required to maintain their accounts according to a) Cash Basis b) Accrual Basis c) Either Cash or Accrual Basis d) None of the above	1	Analyzing
4	Main elements of accounting equations are: a) Capital, creditors and bills payable b) Assets, liabilities and capital c) Cash, stock and debtors d) Bank balance, investment and bills receivable	1	Reasoning
5	Assertion: Accounting equation states that total claim internal and external are always equal to total assets of the business. Reason: It is based on dual aspect concept i.e. every transaction has two aspects debit and credit. Codes: a) Both (A) and (R) are correct b) (A) is correct (R) is incorrect c) Both (A) and (R) are correct, and R is the correct explanation of R	1	Knowledge

	d) Both (A) and (R) are correct, and R is not the correct explanation of R		
6	When a trader sells goods on credit, he prepares ……. Which contains the name of the party to whom goods are sold, the rate, quantity and the total amount of sale. a) Cash memo b) Invoice c) Debit note d) Receipt	1	Knowledge
7	Rohan returned goods worth Rs.20,000 to Radhey Shyam as he found it defective. Which document will be prepared by Radheyshyam. a) Invoice b) Debit note c) Credit note d) Credit voucher	1	Knowledge
8	Which of these is not a Fundamental Accounting Assumption? a) Going concern b) Consistency c) Accrual d) Materiality	1	Knowledge
9	Providing depreciation on fixed assets is In accordance with which of the following concepts. (i) Going Concern (ii) Matching Concept (iii) Materiality a) (i) & (ii) b) (ii) & (iii) c) (i) & (iii) d) All the three	1	Reasoning
10	Credit purchase of furniture will be recorded through which voucher? a) Debit voucher b) Credit voucher c) Cash voucher d) Transfer voucher	1	Reasoning
11	R Ltd. Purchased 500 sq. meter land for Rs.1.5 crore to build a factory. At the end of year, the market value of land was Rs.1.35 crore. R ltd. Treated Rs.15 lakh as loss and recorded the land at 1.35 crore. Is it a correct treatment? Identify and explain the principle involved in this situation.	3	Knowledge
12	Open 'T' shape account for furniture and write the following on the proper side: i. Furniture purchased for Rs.20,000. ii. Furniture sold costing Rs.5,000. iii. Furniture again purchased for Rs.8,000. iv. Old furniture discarded for Rs.2,500.	3	Remembering and understanding

	v. Value of furniture was reduced by Rs.2,000.		
13	Mohan started business on 1st April, 2022 with capital of Rs.7,50,000 and a loan of Rs.2,00,000 taken from Punjab National Bank. On 31st March, 2023 his assets were Rs.15,00,000. Find out his capital on 31st March 2023 and profit made or losses incurred during the year 2022-23. If in the above situation, the proprietor had introduced additional capital of Rs.1,25,000 and had withdrawn Rs.40,000 for personal use, find out the profit.	4	Understanding
14	Classify the following accounts under Personal, Real and Nominal Accounts: (i) Commission Paid (ii) Prepaid salaries (iii) Leasehold property (iv) Carriage inward (v) Sales A/c (vi) Debtors (vii) Drawings (viii) Discount received	4	Knowledge
15	On 15 February 2023, Kohinoor Electricals Co. (Connaught Place, New Delhi) purchases 100 tube lights @150 each and 5 celling fans @Rs.8,000 each from Trupati Electricals Ltd. You are required to prepare suitable Accounting voucher for the above transaction.	4	Understanding
16	Prepare Accounting Equation from the following : i. Started business with cash Rs.50,000 and goods Rs.30,000. ii. Purchased goods for cash Rs.30,000 and on credit from Karan Rs.20,000. iii. Goods costing rs.40,000 were sold for Rs.55,000 for cash. iv. Withdrew cash for personal use Rs.10,000. v. Rent outstanding Rs.2,000.	6	Knowledge
17	Mr. Dushyant gives you the following information for the year ended 31st March, 2023: Cash sales Rs.8,00,000 Credit sales Rs.2,80,000 Cash purchases Rs.5,10,000 Credit purchases Rs.1,50,000 Salary paid Rs.80,000 Salary outstanding Rs.12,000 Rent paid for 11 months Rs.55,000 Insurance expenses paid	6	Knowledge and computation

	(including prepaid Rs.18,000) Rs.24,000 Income received in advance Rs.6,000 Income earned but not received Rs.2,000 Income received (excluding income received in advance) Rs.10,000 Determine profit and loss if he adopts (i) Cash Basis of Accounting and (ii) Accrual Basis of Accounting.		

Subject: Business Studies   **Assignment No. : 3**

Allotment Date: 25 August 2023

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

4	……………interlinks 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 of …………..getting dishonoured.
	   a) Bank draft
	   b) Cheque
	   c) Both a and b
	   d) None of these
		1	Understanding

6	Maximum degree of Autonomy is enjoyed by:
	   a) Government company
	   b) Statutory corporation
	   c) Departmental undertaking
	   None of these
		1	Understanding

7	Which of the following is merit of Departmental undertaking?
	   a) Operational flexibility
	   b) Freedom from interference
	   c) Autonomous
	   Answerable to Parliament
		1	Knowledge

8	Give two examples of Government companies.	1	Understanding

9	It is the prime responsibility of the insured to take reasonable steps to minimize loss/damage to the insured property. Name the principle of insurance.	1	Knowledge

10	There is no minimum transaction value:
	  a) NEFT
	  b) RTGS
	  c) Both (i) and (ii)
	  d) None of the above
		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	Answer the following questions:
	  i. Why does Public Ltd. Company appoint bankers, brokers and Underwriters?
	  ii. Discuss the effect of issue of 'Certificate of incorporation' on the company.
	  iii. What is statement in lieu of prospectus? When is it prepared?
		4	Remembering

14	What do you mean by Global Enterprises? Briefly discuss its various characteristics. Or What do you mean by Statutory Corporation? Briefly discuss its merits.	4	Understanding and remembering
15	Divya Garments Ltd. has a loan of Rs. 10,00,000 to pay. They are short of funds so they are trying to find means to arrange funds. Their manager suggested to claim from insurance company against stock lost due to fire in the ware house. He actually meant that they can put their warehouse on fire and claim from Insurance company against stock insured. They will use the claim money to pay loan. (a) Will the company receive claim if the surveyor from company comes to know the real cause of fire? (b) Which values did company ignore while planning to arrange money from false claim? (c) Explain three elements of fire insurance.	4	Remembering
16	Give the meaning of Memorandum of Association and briefly discuss its various clauses. Or Explain Capital Subscription stage of incorporation of a company.	6	Remembering
17	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	6	Remembering , application and understanding

		it became aware about the highly explosive chemicals. Is Harish entitled to receive the claim? Explain the principle of insurance violated by Harish.		
		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.		
		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.		

Subject: Economics   **Assignment No. : 3**
Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	Histogram is prepared in case of: (a) Individual series (b) Discrete series (c) Continuous series (d) None of these	1	Information
2	Mode is found graphically by: (a) Frequency Polygon (b) Ogive (c) Histogram (d) None of these	1	Understanding
3	Diagrammatic representation of the cumulative frequency distribution is: (a) Frequency Polygon (b) Ogive (c) Histogram (d) None of these	1	HOT
4	Ogives can be helpful in locating graphically the ___. (Mode/ Median)	1	Interdisciplinary
5	Bar diagram is a ___. (One-dimensional diagram/ Two-dimensional diagram)	1	Analytical Skill
6	Pie charts usually are not drawn with absolute values of a category. (True/False)	1	Critical Thinking and Problem Solving
7	Width of bars in a bar diagram need not be equal. (True/False)	1	Evaluation
8	What is meant by tabulation?	1	Evaluation Skill
9	What are the two principal parts of a table?	1	Analytical Skill
10	The collection and classification of data leads to the problem of analysis of data. (True/False)	1	Interdisciplinary
11	What is meant by a two-way table? Give an illustration.	3	Communication Skills
12	Explain Frequency Polygon with the help of diagram.	3	Critical Thinking and Problem solving
13	Describe the four general guidelines for the construction of a table.	4	Interdisciplinary
14	Differentiate between Histogram and Frequency Polygon.	4	Understanding/ Analyse

15	Draw 'less than' and 'more than' ogive curves from the following data:									4		HOT

Marks	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40
No. of students	7	10	20	13	12	19	14	9

16	What is statistical table? Explain briefly the main characteristics of a good statistical table.	6		Critical Thinking and Problem solving
17	Construct Histogram, Frequency Polygon and Frequency Curve from the following data:	6		Evaluation

Marks	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80
No. of students	10	16	20	20	22	15	8	3

Subject: History   **Assignment No. : 3**
Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	Part- A *Answer the following objective type questions:* (i). There was a growing uncertainty about the value and purpose of monasticism by the(a) thirteenth century. (b) fourteenth century. (c) fifteenth century. (d) sixteenth century (ii). A guild was an association of(a) monks. (b) farmers. (c) craft and industry. (d) lords (iii). The king who was declared the 'Holy Roman Emperor' was(a) Charlemagne (b) Louis I (c) Louis II (d) Louis (iv). One of the gradual changes that affected the social and economic ties between the lords and the vassals was (a) agricultural technology. (b) environment. (c) land use. (d) new towns (v). The famous book Feudal Society, which dealt with the French society, was written by: (a) James Cunnigham (b) Alexander Cunnigham (c) James Bloch (d) Marc Bloch (vi). Europe witnessed change in land use "switch from a two-field to a three-field system" during the (a) 10th century. (b) 11th century. (c) 12th century. (d) 13th century	(10x1=10)	Information

(vii). Fertile land was known as _____.
(a) Franks
(b) Gaul
(c) Manor
(d) Fief

(viii). Change in land use pattern was seen with form of
(a) Two field system
(b) Three field system.
(c) Jhoom system
(d) Transhumance system

(ix). Free peasants were
(a) peasant-cum-soldier
(b) tenants of the Lord.
(c) payer of labour-rent in Begar
(d) denied of political rights

(x). Construction of Cathedral town attributed to
(a) Higher yield in agricultural production
(b) Promotion of trade and industry
(c) Business promotion drive under the shade of religion
(d) The contribution and subscription by craftsmen, artisans, merchants and common people

2	Part- B *Answer the following questions in short:* Discuss the impact of environment on European agriculture.	3	Evaluation
3	Knights became a distinct group under medieval European society. Why?	3	HOT
4	How was European society divided under the feudal system? Explain. Write in brief the reasons of their development.	3	Evaluation
5	Agricultural technology was very primitive. Why?	3	HOT
6	Part- C *Long questions answers:* How did technological changes affect agriculture during 11th century? Or Discuss in detail about the emergence of cathedrals.	8	HOT and Evaluation
7	Part-D (Sources Based Questions) Read the following passages and answer the questions that follow: We also caused to be painted, by the exquisite hands of many masters from different regions, a splendid variety of new windows… Because these windows are very valuable on account of their wonderful execution and the profuse expenditure of painted glass and sapphire glass, we	(1+2+2=5)	Application and understanding

	appointed an official master craftsman for their protection, and also a goldsmith—who would receive their allowances, namely, coins from the altar and flour from the common storehouse of the brethren, and who would never neglect their duty to look after these Questions: 1. Who was appointed for the protection of windows? 2. Windows were precious. How? 3. Who would receive their allowances, namely coins?		
8	PART-E **(Map Question)** On the map of Western Europe mark and locate the following extent of feudalism: (i) St. Denis (ii) Bingen (iii) London (iv) Rome (v) Vienna	**(5x1=5)**	Identification

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

Subject: Political Science   **Assignment No. : 3**
Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	Objective Type Questions: (i). Who presided over the joint session of the Parliament? The bill that enjoys the sitting of both the Houses due to deadlock is (ii). Prevention of Terrorism Bill (b) Revenue Generation Bill (c) Entertainment Tax Bill on Gujarat State (d) Customs Tariff (Amendment) Bill (iii). Germany has a (a) Unicameral legislature (b) Bicameral legislature (c) Dictatorship form of government (d) Autocratic form of government (iv). By whom is the budget introduced in Lok Sabha? (e) What is a bill? (v). The members of parliament are free to raise any matter, which according to them is important, during (a) Adjournment motion (b) Question hour (c) No confidence motion (d) Zero hour (vii). "Hung House" means (a) No party gets majority of seats in the elections (b) House elected without the approval of its citizens (c) A house is hung between the two buildings (d) No party gets more than 50% votes (viii). The tenure of the Lok Sabha in normal time is: (a) 6 years (b) 5 years (c) 4 years (d) 3 years (ix). The number of members from Uttar Pradesh to Rajya Sabha is (a) 23 (b) 29	(10x1=10)	Information

(c) 31
(d) 33

(x). The circumstances for the extension of the term of Lok Sabha are mentioned in the
(a) Article 76
(b) Article 80
(c) Article 81
(d) Article 83(2)

2	What are the qualifications for a member in Lok Sabha?	2	Understanding
3	How is the speaker of the Lok Sabha elected? What are his main functions?	4	Evaluation
4	What are the main functions and powers of the Parliament?	4	Understanding
5	Explain the relationship between Lok Sabha and Rajya Sabha.	4	**HOT**
6	Read the passage (NCERT Textbook, page 102) given below carefully and answer the questions that follow: The term 'Parliament' refers to the national legislature. The legislature of the States is described as State legislature. The Parliament in India has two houses. When there are two houses of the legislature, it is called a bicameral legislature. The two Hotsses of the Indian Parliament are the Council of States or the Rajya Sabha and the House of the People or Lok Sabha. The Constitution has given the States the option of establishing either a unicameral or bicameral legislature. At present only five States have a bicameral legislature. Questions: 1. What does the term 'Parliament' refer to? 2. What is a bi-cameral legislature? 3. How many states have bicameral legislature in India?	(1+2+2=5)	Analytical
7	Study the cartoon carefully and answer the questions that follow: **Questions:** a) What does the cartoon represent?	(2+2+1=5)	Analytical

	b) Why do you think such situation occurs? c) Who takes the final decision on all such cases?			
8	Mention the various stages through which the bill passes before becoming an Act. Or Mention the powers of the Lok Sabha and the Rajya Sabha.	6		Evaluation and HOT

Subject: Physical Education   **Assignment No. : 3**
Allotment Date: 25 August 2023

S.NO.	QUESTIONS	MARKS	NATURE
Part-A	1) Which of the following is not a type of disability? I) Physical disability II) Intellectual disability III) Cognitive disability IV) Behaviour 2) Disability due to polio virus infection is: I) Cerebal Palsy II) Poliomyeletis III) Spina Bifida IV) Leprosy 3) Adaptive Physical Education is: I) Cognitive and motor development II) The opportunity for a person exclusively III) Specific programme IV) All of the above 4) A mental related child does not: I) Learn easily II) Express his feelings III) Respond quickly IV) All of these 5) Performing daily chores without any fatigue is: I) Mental wellness II) Dynamic ability III) Physical fitness IV) None of these 6) The strength to face the resistance is: I) Strength II) Speed III) Tolerance IV) Flexibility 7) Components of wellness are: I) Social welness II) Physical Wellness III) Emotional wellness IV) All of the above	1X8=8	Remembering

	8) The ability of covering the maximum distance in minimum time is: I) Endurance II) Speed III) Strength IV) Flexibility			
Part- B	**Following questions in 60 to 90 words:**			
1.	Describe any three objectives of adaptive physical education.	3	Understanding
2.	Briefly describe the disability and disorder.	3	Application
3.	Write the components of Wellness?	3	Understanding
4.	How do traditional games promote wellness?	3	Understanding
Part- C	**Answer the following question in 150 to 180 words**			
1.	Write a detailed note on physical disability.	5	Understanding
2.	Highlight the characteristic of Intellectual disability.	5	Knowledge
3.	Describe any 5 co-ordination abilities.	5	Understanding
4.	Explain the importance of physical fitness and wellness	5	Knowledge

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

Subject: Painting   **Assignment No. : 3**
Allotment Date: 25 August 2023

S. No.	QUESTIONS	MARKS	NATURE
	SECTION: A		
Q1.	Ashoka belongs to which golden age period- (i) Mauryan Period (ii) Shurga Period (iii) Kushan Period (iv) Gupta Period	**1×8=8**	
Q2.	When did Ashoka experience a change of heart after the dreadful battle of- (i) Panipat (ii) Kalinga (iii) Mahabharat (iv) Kannouj		
Q3.	The medium of Mother Goddess. (i)Terracotta (ii) White stone (iii) Backed clay (iv) Red Lime stone		
Q4.	In "Chauri Bearer from DidarGanj, the pleats are neatly held in place by a beautiful and delicate Jewel is called - (i) Matha patti (ii) Chauri (iii) Armlet (iv) Oddiyanam		Information
Q5.	What is the meaning of "Usnisha"? (i) The bulge of Abdomen (ii) The bulge on the hand (iii) The bulge on the head in the form of the Chignon (iv) The bulge on the Face		
Q6.	The Ajanta period is called- (i) The Silver period of Indian Art (ii) The Bronze period of Indian Art (iii) The Golden period of Indian Art (iv) The Brass period of Indian Art		

Q7.	It was discovered from Sarnath. It was built in the Commeration of the first sermon of the dharamachakra pravartan. This statement is matched with (I) chauri bearer (ii) seated Buddha katra mount (iii) seated Buddha sarnath (iv) Lion Capitol Sarnath		

Q8.	The Statue of Jain tirthankara is related to
	    (I) Mahavir Swami
	    (II) Adinath
	    (III) Parsvnath
	    (IV) None of these		

SECTION: B			
Q9.	Write a brief note on "Bodhisattva head from Takshila".		
Q10.	Describe the sculpture of Jain Tirthankara".		
Q11.	What are the differences between Gandhar style of Art and Mathura style of Art.	**2×5=10**	Evaluation HOT Understanding
Q12.	Explain the difference between Mathura Buddha and Sarnath Buddha		
Q13.	Describe the sculpture "Lion Capital".		
Q14.	**SECTION:C** What are the specifications of Mauryan Art. Explain any one of them.	**6x2=12**	Application
Q16.	Where is Ajanta located? How many caves are there?Give a brief description of them .		

Subject: NCC   **Assignment No. : 3**
Allotment Date: 25 August 2023

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 inchs 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? 1 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

Subject: Psychology   **Assignment No. : 3**
Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1.	The ultimate goal of the scientific enquiry is to bring out ___ within the lives of people [A]. Psychological changes [B]. Sociological changes [C]. Positive changes [D]. Negative changes	1	Information
2.	Matters where one interviewer interviews another person is named as [A]. Individual to group [B]. Group to individual [C]. Individual to other [D]. Individual to individual	1	Information
3.	Which of the subsequent may be a goal of psychological enquiry? [A]. Description [B]. Prediction [C]. Explanation [D]. None of those	1	Information
4.	If you and your friend measure the length of a table using the identical instrument, it's likely that both of you'd attain the identical conclusion about its length. this is often an example of [A]. Objectivity [B]. Variability [C]. Acceptability [D]. All of the above	1	Analytical Skill
5.	The steps of investigation during a research project include [A]. Conceptualisation of an issue [B]. Collection of information [C]. Drawing conclusions [D]. All of the above	1	Understanding
6.	In a very demographic information the knowledge includes [A]. Psychological information [B]. Personal information [C]. Ecological information [D]. Biological information	1	Information

7.	Interpretive method emphasizes [A]. Understanding over explanation [B]. Understanding over prediction [C]. Understanding over explanation and prediction [D]. None of those	1	Understanding
8.	Which of the subsequent information is collected as psychological information? [A]. Emotions [B]. Delusions [C]. Consciousness [D]. All of the above	1	Analytical Skill
9.	Two or more persons trying to check a happening independently comprehensive should reach to the identical conclusion is termed as to if. [A] Objectivity [B] Prediction [C] Hypothesis [D] None of the above	1	Interdiciplinary
10.	Once the matter is identified the researcher proceeds by developing a tentative answer of the matter and it's called as if. [A] observation [B] prediction [C] hypothesis [D] none of the above	1	Analytical Skill
11.	Explain Voluntary Participation as one of the ethical issues.	2	Information
12.	What do you understand by demographic information?	2	Information
13.	What is correlational method of psychology ?	2	Information
14.	Define case study .State any TWO characteristics of a case study.	3	Analytical Skill
15.	A researcher is studying the relationship between speed of cycling and the presence of people. Formulate a relevant hypothesis and identify the independent and dependent variables.	3	Understanding
16.	What is observation and steps in process of observation and explain various types of observation research?	4	Information
17.	How do experimental and control groups differ? Explain with the help of an example.	4	Analytical skill
18.	What are the goals of scientific enquiry?	6	Information
	In the classic study by Watson & Rayner (1928), a 9-month-old infant called Albert was exposed		

19.	to multiple stimuli like a white rabbit, a rat, cotton wool and various masks to see if he responded to them in any way. Since he did not show any signs of fear these were neutral stimuli. Separately, when the researchers made a loud noise by striking a steel bar with a hammer behind Albert's head, it scared him and made him cry. When Albert was 11 months old, the researchers brought him into the laboratory. The white rat was presented and within seconds the hammer was struck on the steel bar creating the loud noise. Albert burst into tears. This pairing of the presentation of the white rat and the loud noise was repeated across two sessions a week apart. Now, little Albert showed all the signs of fear (crying and avoidance behaviour) every time the rat was shown even when no sound was made. Using your understanding of the above case , please answer the following Questions i.A control group was not used in this study. True/False ii. Identify the dependent variable in the experiment.	2	Understanding
20.	Aruna and Madhav are psychology professors who are very interested in the role of the bystander in the prevalence of bullying in schools. In order to study this phenomenon, they decide to do a preliminary study with the help of their students. They plan to first create a list of interview questions based on the existing research on the topic. Then they and their students would go to all the schools in their neighbourhood to survey the opinions of students, teachers and principals. After class, a bunch of students were chatting about what they thought about the topic. Hamid believes that people are inherently good and that bystanders would usually choose to make the healthier choice and do the right thing. Roma felt that this was too simplistic and subjective. She believes that it is important to rigorously study the relationship between how the students act and their environment by measuring what can be observed. Both are excited to begin the research. On the basis of your understanding of the above case and the chapter, please answer the following questions: 1. The preliminary study is a type of applied research. True/False. 2. This topic would most likely fall under which branch of psychology: • Developmental Psychology • Educational Psychology • Cross-Cultural Psychology • D) Social Psychology	2	Analytical Skill

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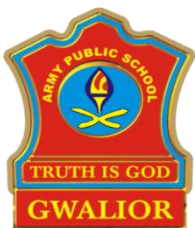## ACADEMIC SESSION 2023-24
WORKSHEET (SELF –ASSESSMENT)

Subject: Computer Science **Assignment No. : 3**
Allotment Date: 25 August 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	The physical components of computer system are known as _____ a) Software b) Hardware c) Human ware d) Drivers	1	Understanding
2	8 bits makes _____ a) 1 Byte b) 1 KB c) 1 MB d) 1 Nibble	1	Information
3	Which of the following is not a logical gate? a) AND b) OR c) NOT d) NONE	1	Information
4	When python was developed? a) 1990 b) 1991 c) 1992 d) 1993	1	Understanding
5	To run python program which of the following key is used? a) Ctrl + F5 b) Alt + F5 c) Ctrl + F9 d) F5	1	Understanding
6	What will be the output of the following code segment? a,b=5,6 b,a=a,b print(a,"+",b) a) 5 + 6 b) 6 + 5 c) 11 d) None	1	Understanding
7	Kriza wants to divide a number and store the result without decimal places into an integer variable. Suggest her an appropriate operator from the following: a) / b) % c) // d) Both a) & b)	1	Understanding

8	What will be the output of following code:
	 if True:
	 print("true")
	 else:
	 print("false")
	 a) True b) False c) true d) false
		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	1	Information

choice.
- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true and R is the not correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true.

Assertion: A variable declared inside a function in Python is accessible from outside the function.
Reasoning: In Python, variables declared inside a function have local scope and are not accessible from outside the function

10	Write the output of the following.
	a. >>> x = 5
	   >>> y = 7
	   >>> print(x + y)
	b. >>> print(2 **5)
		2	Understanding And information

11	Write one drawback of interactive mode..	2	HOT
12	Ananya purchased 5 pencils and 2 erasers at the cost of Rs 7 and Rs 5 respectively. Write the program to calculate & display the total amount paid by ananya.	2	HOT
13	What do you mean by comments in Python?	2	Analytical Skill
14	>>> (75 > 2 **5) >>> (25 != 5 *2)	2	Understanding
15	Write a program to find the second largest number of a list of numbers.	3	Interdisciplinary
16	Write a program to input values for Principle, rate and Time and calculate compound interest.	3	Understanding
17	What are following pseudocode keywords used for? (a) compute (b) while (c) if/else	3	Understanding
18	i.What is Algorithm? ii. Why do we need Algorithm?	3	Understanding
19	a.Write the advantages of Python b.Correct the following boolean statements: (1) X+1 = X (2) (A')' = A' (3) A+A' = 0 (4) (A+B)' = A.B	4	Critical Thinking and Problem Solving
20	Write an algorithm to calculate area and perimeter of a rectangle, using both pseudo code and flowchart.	5	Critical Thinking and Understanding

Subject: Health and Physical Education   **Assignment No. : 3**
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)	4×1=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		