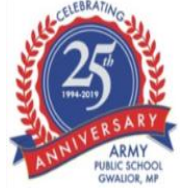




ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: English
Allotment Date: 30 August 2025

Assignment No:- 3
Marks: (20+20=40)

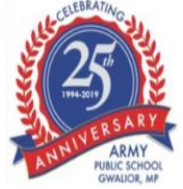
PART I
BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
Q1	There is an increase in the number of cyberbullying case in our schools. This has led to parents and students getting very anxious. As the school counsellor ,you are organising a talk during the morning assembly by Mr Kakkar ,Director ,Cybercrime Department inviting both students and parents. Draft a notice in about 50 words informing students of the same mentioned day,date,time and venue.	4	Application
Q2	On the threshold of being a world super power , India does have a large young workforce but unfortunately not many in this force are employable for want of necessary skills. Write an article for a newspaper on the topic 'Skill Development is the need of the hour.'	6	Understanding
Q3	Answer the following questions in 30-40 words: a)Why was Edla happy to see the gift left by the peddler? b)Which act of the crofter surprised the peddler? Why? c)How did the incident at the Y.M.C.A pool affect Douglas?	(2x3=6)	Evaluation
Q4	A good deed or an act of kindness can change a person's view of the world. What characteristics of Edla's conduct inspire the peddler to redden himself and change his ways?	4	Analytical Skill
	PART II STANDARD (COMPETENCY BASED QUESTIONS)		
Q1	The peddler's story speaks on a general level to society, urging for a different outlook towards those maligned individuals who can be redeemed by compassion and understanding. In the light of the story "The Rattrap", how do you think society can help individuals, especially juvenile delinquents, from falling prey to petty crimes and bad habits?	4	Analytical Skill
Q2	Read the extract given below and answer the following questions. A thing of beauty is a joy forever its loveliness increases, it will never pass into nothingness; but will keep A bower quiet for us, and a sleep Full of sweet dreams, and health and quiet and breathing. Therefore, on every morrow are we wreathing A flowery band to bind us to the earth; Spite of despondence, of the inhuman dearth Of noble natures, of the gloomy days, Of all the unhealthy and o'er darkened ways Made for our searching. i.)Keats defines beauty as	6	Competency

	a. Transient b. Eternal c. Illusionary d. Short lived ii)'Will keep a bower quiet for us' means all of the following, EXCEPT a. Create a peaceful, shady place b. Provide shelter c. Will decrease noise pollution d. Nature's canopy iii) On the basis of the extract, choose the correct option with reference to the two statements given below 1. Beautiful things uplift the soul 2. Beauty is everything Codes a. 1 can be inferred from the extract but 2 cannot. b. 2 can be inferred from the extract but 1 cannot. c. Both 1 and 2 cannot be inferred from the extract. d. Both 1 and 2 cannot be inferred from the extract. iv) The thing that cause unhappiness are 1. Lack of noble nature 2. Old tunes 3. Dull days 4. Calm mind 5. A flowery band 6. Strong relationship Choose the most appropriate option a. 1 and 2 b. 1 and 3 c. 4 and 5 d. 3 and 6 v) Complete the following analogy. Do not repeat from used example Flowery band: Metaphor :: : Noble nature vi) According to the poet , every morrow we are		
Q3	Rationalise why Keats uses the metaphor 'an endless fountain of immortal drink' in his poem, 'A Thing of Beauty'.	5	Critical thinking
Q4	Gandhi said "freedom from fear is more important than legal justice for the poor". How does it become clear from the lesson 'Indigo' that freedom from fear is an essential condition for justice .	5	HOTS



ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: Hindi
Allotment Date: 30 August 2025

Assignment No:- 3
Marks: (20+20=40)

PART I
BASIC (GENERAL BASED QUESTION)

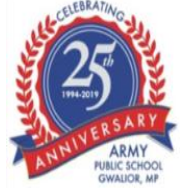
S. NO.	QUESTIONS	MARKS	NATURE
1	निम्नलिखित गद्यांश पर आधारित पूछे गए प्रश्नों के उत्तर दीजिए । चंपारण सत्याग्रह के बीच जो लोग गांधी जी के संपर्क में आए वे आगे चलकर देश के निर्माताओं में गिने गए। चंपारण में गांधी जी न सिर्फ सत्य और अहिंसा का सार्वजनिक हितों में प्रयोग कर रहे थे बल्कि हलुवा बनाने से लेकर 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 भट्ठी में उसी तरह तपकर निखरे, जिस तरह भट्ठी में सोना तपकर निखरता और कीमती बनता है। गांधी जी की मान्यता थी कि एक प्रतिष्ठित वकील और हज़ामत बनाने वाले हज़ाम 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। प्रश्न: 1. किसी काम या पेशे के बारे में गांधी जी की मान्यता क्या है ? प्रश्न: 2. गांधी जी सबसे अच्छी कमाई किसे मानते थे? प्रश्न: 3. चंपारण सत्याग्रह के दौरान गांधी जी आध्यात्मिक प्रयोग क्यों कर रहे थे? प्रश्न: 4. गांधी जी लोगों को शारीरिक श्रम का महत्व किस तरह समझा रहे थे? प्रश्न: 5. शारीरिक श्रम को महत्व देने और हर काम को समान समझने के पीछे गांधी जी की दूरदर्शिता क्या थी?	5	Understanding and Analytical Thinking
2	पर्यावरण है तो मानव है' विषय पर अनुच्छेद लिखिए।	5	Analytical skill

3	i. समाचार मुख्य रूप से कितने प्रकार के होते हैं? बताइए। ii. कहानी में संवाद का क्या महत्व है ? iii. भारत में हिंदी पत्रकारिता दिवस कब मनाया जाता है ?	3 2 1	Information
4	i. भक्ति नाम किसने और क्यों दिया? पाठ के आधार पर उत्तर दीजिए? ii. 'बाज़ार का जादू' किस प्रकार हमें आकर्षित करता है इसकी जकड़ से बचने का सीधा सा उपाय क्या है?	2 2	Evaluation
	PART II STANDARD (COMPETANCE BASED QUESTION)		
5	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 ? ख। भारत कि नदियों कि क्या विशेषता है? ग. भारत के फूलों का स्वरूप कैसा है ?	2 2 1	Understanding
6	“आपने पत्रकारिता का अध्ययन 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	Communication skill
7	प्रश्न – 5 किसी एक विषय पर फीचर लिखिए । युवा पीढ़ी में घटते संस्कार , शहरों का डीएम घोटू वातावरण	5	Critical Thinking
8	1. विशेषीकृत पत्रकारिता से आप क्या समझते हैं ? 2. हिंदी पत्रकारिता दिवस कब और किस उपलक्ष्य में मनाया जाता है?	1 1 1	Interdisciplinary

	3. सपादकीय में लेखक का नाम क्यों नहीं दिया जाता है ? 4. 'वॉचडॉग पत्रकारिता' किस प्रकार लोकतंत्र का प्रहरी है ? 5 किन्हीं चार हिंदी समाचार पत्रों के नाम लिखिए, जिनके इंटरनेट संस्करण भी उपलब्ध हैं।	1 1	



ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: Mathematics
Allotment Date: 30 August 2025

Assignment No:- 3
Marks: (20+20=40)

PART I
BASIC (GENERAL QUESTION)

S. NO.	QUESTIONS	MARKS	NATURE
1	The rate of change of area of a circle with respect to its radius R at R=6 cm is: (a) 8π (b) 10π (c) 11π (d) 12π	1	Understanding
2	The function $f(x) = x^3 + 3x$ is increasing on: (a) $(-\infty, 0)$ (b) $(0, \infty)$ (c) R (d) $(0, 1)$	1	Understanding
3	The smallest value of the polynomial $x^3 - 18x^2 + 96x$ in $[0, 9]$ (a) 126 (b) zero (c) 135 (d) 160	1	HOT
4	If x is real, then the minimum value of $x^2 - 8x + 17$ is : (a) zero (b) - 1 (c) 1 (d) 2	1	Understanding
5	Find the maximum value of $\sin x + \cos x$	2	HOT
6	The side of an equilateral triangle is increasing at the rate of 2 cm/s. Find the rate of increase of the parameter.	2	Understanding
7	Find the point on the curve $y^2 = 2x$ which is at a minimum distance from the point (1,4).	2	Understanding
8	Find an angle θ , $0 < \theta < \pi/2$, which increases twice as fast as its sine.	2	HOT
9	The side of a square sheet is increasing at the rate of 4 cm/min. At what rate is the area increasing when the side is 5 cm long.	2	Information
10	Show that $f(x) = \sin x$ is neither increasing nor decreasing on $(0, \pi)$.	3	Understanding
11	Show that the function given by $f(x) = (\frac{1}{x})^x$, $x > 0$ has the maximum value $e^{1/e}$ at $x = 1/e$.	3	HOT

PART II
STANDARD (COMPETENCY BASED QUESTIONS)

12	The surface area of a sphere when its volume is increasing at the same rate as its radius, is (a) 1 (b) $1/2\sqrt{\pi}$ (c) 4π (d) $4\pi/3$	1	Analytical Skill
13	The rate of change of volume of a sphere with respect to its surface area, when the radius of 12 cm, is (a) $4 \text{ cm}^3/\text{cm}^2$ (b) $6 \text{ cm}^3/\text{cm}^2$ (c) $8 \text{ cm}^3/\text{cm}^2$ (d) $3 \text{ cm}^3/\text{cm}^2$	1	Understanding

14	The value of a so that the sum of the squares of the roots of the equation $x^2 - (a-2)x - a + 1 = 0$ assume the least value is: (a) 2 (b) 0 (c) 3 (d) 1	1	Interdisciplinary
15	The function $f(x) = x - \sin x$ decreases for: (a) all x (b) $x < \pi/2$ (c) $0 < x < \pi/4$ (d) no value of x	1	
16	Assertion- Reason Type: Direction: The following questions are Assertion-Reason type questions. Each of these questions contains two statements: Assertion (A) and Reason (R). Each of these questions also has four alternative choices, only one of which is the correct answer. You have to select the correct choice. (a) Both A and R are true and R is the correct explanation of A. (b) Both A and R are true and R is the not correct explanation of A. (c) A is true but R is false. (d) A is false but R is true. Assertion (A): The minimum value of the expression $x^2 + 2bx + c$ is $c - b^2$. Reason (R): The first order derivative of the expression at $x = -b$ is zero.	1	HOT
17	Show that the function $f(x) = x^3 - 3x^2 + 6x - 100$ is increasing on R.	3	HOT
18	Find the rate of change of volume of a sphere with respect to its surface area, when the radius is 2 cm.	3	Critical Thinking and Problem Solving
19	Case Study: (i) An advertisement firm is supplied with decorative wire pieces of 34 m each and is asked to cut the wire into two pieces. From one piece a circular sign board is to be made and from other a square one and the idea is to keep the sum of the areas enclosed by a circle and square to be minimum for writing slogans. The wire is cut at x m from one end and made a circle. Keeping the above under consideration answer the following: (i) Find the area enclosed by the circular ring. (ii) Find the area enclosed by the square frame. (iii) For what value of x, combined area is minimum?	4	Critical Thinking and Problem Solving
20	If the length of three sides of a trapezium other than base is 10 cm each, then find the area of the trapezium when it is maximum.	5	Critical Thinking and Problem Solving



ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: Physics
Allotment Date: 30 August 2025

Assignment No:- 3
Marks: (20+20=40)

PART I
BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1	What is the unit of magnetic field in SI system.?	1	Remembering
2	What is the magnetic dipole moment right its SI unit also.?	1	Understanding
3	What is the pole strength of a bar magnet.?	1	Information
4	What is the diamagnetic substances	1	Evaluation Skill
5	Explain the examples of paramagnetic substances	1	Remembering
6	Explain the torque experience by bar magnet in a magnetic field	1	Interdisciplinary
7	What represent area of the hysteresis curve ?	1	Understanding
8	Explain the retentivity and coercivity of the magnetic substances with the appropriate example.	3	Communication Skills
9	If a bar magnet have magnetic moment 54 j/T and located in a magnetic field of point 02 Tesla then calculate the magnetic torque experienced by it?	4	Understanding/Analyse
10	Explain the angle of dip and angle of declination on the earth	6	Problem Solving

PART II
STANDARD (COMPETENCY BASED QUESTIONS)

1	Which is permanent magnet A) soft iron B) Steel C) Cobalt D) brass	1	HOT
2	Example of paramagnetic substance is A) Mg B) Fe C) Cu D) Bi	1	Interdisciplinary

3	In the following question a statement of Assertion (A) is followed by a statement of Reason (R). Choose the correct alternative among those given below: Alternatives: I. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A) II. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A) III. Assertion (A) is true but Reason (R) is false. D both are wrong Q assertion Diamagnetic found on those substances which have pairs number of electrons in their outermost share Reason The diamagnetic temperature independent	1	Critical Thinking and Problem Solving
4	Read the following statements carefully: Statement 1 the ferromagnetic substances changes into para on heating Statement 2 the ferromagnetic substances obey the Curie Weiss law In the light of the given statements, choose the correct alternative from the following: (a) Statement 1 is false and statement 2 is true (b) Statement 1 is true and statement 2 is false (c) Both statements 1 and 2 are false (d) Both statements 1 and 2 are true	1	Evaluation
5	Soft iron and steel have some of its hysteresis curve area. Which have more coercivity and retentivity and having greater loss of energy during the magnetization and demagnetization explain?	1	Analytical Thinking
6	Bar magnet has magnetic moment and its magnetic field. Calculate the expression for the torque experienced by it	1	Logical Reasoning
7	Explain the origin and characteristics of the diamagnetic substances	1	Reasoning
8	Obtain the expression for the magnetic field at the axial position of the bar magnet	3	Critical Thinking and Problem solving
9	Write down the expression for the magnetic dipole moment of revolving electron around the nucleus?	4	Interdisciplinary
10	Explain the magnetic energy stored in the bar magnet in a uniform magnetic field and explain the bar magnet equivalent to a solenoid?.	6	Evaluation Skill/Problem Solving



ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: Chemistry
Allotment Date: 30 August 2025

Assignment No:- 3
Marks: (20+20=40)

PART I
BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1	Give an example of linkage isomerism.	2	Knowledge
2	What is the IUPAC name of the complex $[\text{Ni}(\text{NH}_3)_6]\text{Cl}_2$?	2	Understanding
3	Write down the formula of : Tetraamineaquachloridocobalt(III) chloride.	2	Understanding
4	Give two examples of ligands which form coordination compounds useful in analytical chemistry. Draw structures also.	3	Knowledge
5	What is meant by chelate effect? Draw any one chelate compound.	3	Understanding
6	Why are low spin tetrahedral complexes not formed?	3	Knowledge
7	Describe the shape and magnetic behaviour of following complexes : (i) $[\text{Co}(\text{NH}_3)_6]^{3+}$ (ii) $[\text{Ni}(\text{CN})_4]^{2-}$ (At. No. Co = 27, Ni = 28)	5	Understanding
	PART II STANDARD (COMPETENCY BASED QUESTIONS)		
1	1. Fac-mer isomerism is associated with which one of the following complexes? (a) $[\text{M}(\text{AA})_2]$ (b) $[\text{MA}_3\text{B}_3]$ (c) $[\text{M}(\text{AA})_3]$ (d) $[\text{MA}_4\text{B}_2]$ 2. The complex ions $[\text{Co}(\text{NH}_3)_5(\text{NO}_2)]^{2+}$ and $[\text{Co}(\text{NH}_3)_5(\text{ONO})]^{2+}$ are called (a) Ionization isomers (b) Linkage isomers (c) Co-ordination isomers (d) Geometrical isomers 3. Which type of isomerism is shown by the complex compounds $[\text{Co}(\text{NH}_3)_5\text{Br}]\text{SO}_4$ and	1X5=5	Understanding

	$[\text{Co}(\text{NH}_3)_5\text{SO}_4]\text{Br}$ (a) Ionisation (b) Optical (c) Linkage (d) Coordination 4. The diamagnetic species is Advertisement (a) $[\text{Ni}(\text{CN})_4]^{2-}$ (b) $[\text{NiCl}_4]^{2-}$ (c) $[\text{CuCl}_4]^{2-}$ (d) $[\text{CoF}_6]^{3-}$ 5. Primary and secondary valence of Pt in $[\text{Pt}(\text{en})_2\text{Cl}_2]$ are (a) 4, 4 (b) 4, 6 (c) 6, 4 (d) 2, 6		
2	Indicate the types of isomerisms exhibited by the complex $[\text{Co}(\text{NH}_3)_5(\text{NO}_2)](\text{NO}_3)_2$. (At. no. Co = 27)	2	HOT
3	Which complex ion is formed when undecomposed AgBr is washed with hypo solution in photography?	2	Analytical Skills
4	Write the hybridization, shape and magnetic character of $[\text{Fe}(\text{CN})_6]^{4-}$.	3	Interdisciplinary
5	For the complex ion $[\text{Fe}(\text{en})_2\text{Cl}_2]^+$ write the hybridization type and magnetic behaviour. Draw one of the geometrical isomer of the complex ion which is optically active. [Atomic No.: Fe = 26]	3	Interdisciplinary
6	For the complex $[\text{Fe}(\text{en})_2\text{Cl}_2]$, Cl, (en = ethylene diamine), identify (i) the oxidation number of iron, (ii) the hybrid orbitals and the shape of the complex, (iii) the magnetic behaviour of the complex, (iv) the number of geometrical isomers, (v) whether there is an optical isomer also, and (vi) name of the complex. (At. no. of Fe = 26)	5	HOT



ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: Biology
Allotment Date: 30 August 2025

Assignment No:- 3
Marks: (20+20=40)

PART I
BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1	MCQ BASED QUESTIONS AIDS is caused by HIV. Among the following, which one is not a mode of transmission of HIV? (a) Transfusion of contaminated blood. (b) Sharing the infected needles. (c) Shaking hands with infected persons. (d) Sexual contact with infected persons.	1	Information
2	'Smack' is a drug obtained from the (a) latex of Papaver somniferum (b) leaves of Cannabis saliva (c) flowers of Datura (d) fruits of Erythroxylem coca.	1	Information
3	VERY SHORT ANSWER QUESTIONS State the functions of mast cells in allergy response.	2	Understanding
4	How do monocytes act as a cellular barrier in humans to provide innate immunity?	2	Information
5	SHORT ANSWER QUESTIONS How do cytokine barriers provide immunity in humans?	3	Remembering
6	Why is secondary immune response more intense than the primary immune response in humans?	3	Interdisciplinary
7	What is an autoimmune disease? Give an example	3	Understanding
8	What causes adolescents to start using drugs? How can the use of drugs be avoided?	5	Critical thinking
	PART II STANDARD (COMPETENCY BASED QUESTIONS)		

9	ASSERTION REASON BASED QUESTION Assertion: Streptococcus pneumoniae and Haemophilus influenzae are responsible for causing infectious diseases in human beings. Reason: A healthy person acquires the infection by inhaling the droplets/aerosols released by an infected person.	1	Understanding based question
10	Assertion : Plasmodium vivax is responsible for malaria. Reason : Malaria is caused by polluted water.	1	Real life application based on CBQ
11	Assertion : Tapeworm, roundworm and pinworm are endoparasites of human intestine. Reason : Improperly cooked food is the source of all intestinal infections.	1	Information based question
12	What is the full form of MRI and CT? Where are they used? State the difference between them.	2	Application based CBQ
13	Why is the use of cannabinoids prohibited in games and sports?	2	Real life relevance based CBQ
14	Which plant yields cannabinoids? List any two cannabinoids. Name the part of the body that is affected by its consumption.	2	Understanding based CBQ
15	What causes asthma/allergy in metropolitan cities of India? List some of its symptoms.	3	Critical thinking based question
16	State the principle of vaccination. How can vaccines be used to prevent microbial infections? Write the name of the entity from which the hepatitis B vaccine is synthesized.	3	Evaluation based CBQ
17	How to detect cancer? What are a few approaches to treat cancer?	5	Analytical skill based CBQ



ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: Accountancy
Allotment Date: 30 August 2025

Assignment No:- 3
Marks: (20+20=40)

PART I
BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
	Read the following information carefully and answer the questions that follow: X and Y are partners in 3:2. Their capital balances as on 1st April 2020 amounting to Rs.2,00,000 each. On 1st February, 2021, X contributed an additional capital of Rs.1,00,000. Following are the terms of deed: a) Interest on capital @ 6% per annum b) Interest on drawings @ 8% per annum c) Salary to X Rs.1500 per month d) Commission to Y @10% on net profit after charging interest on capital, salary and his commission. Drawings of the partners were Rs.20,000 and Rs.30,000 respectively during the year. Net profit earned by the firm was Rs.2,08,000		
1	What is the amount of Interest on capitals of X and Y: a) Rs.12,000 each b) Rs.12,000 to X and Rs. Rs.13,000 to Y c) Rs.13,000 to X and Rs.12,000 to Y d) None of the above	1	Computation and concept knowledge
2	What is the amount of interest on drawings of X and Y: a) Rs. 1200 and Rs. 1800 respectively b) Rs. 800 and Rs. 1200 respectively c) Rs. 1200 and Rs. 800 respectively d) Rs. 1600 Rs. 2400 respectively	1	Computation and concept knowledge
3	What is the amount of commission payable to Y? a) Rs. 15000 b) Rs. 16500 c) Rs. 20800 d) None of these	1	Computation and concept knowledge
4	What is X's share in the net divisible profit? a) Rs. 124400 b) Rs. 83600 c) Rs. 91200 d) Rs. 60800	1	Analytical Computation
5	What will be the closing capital of X after all adjustments? a) Rs. 422200 b) Rs. 401400 c) Rs. 300000 d) Rs. 423000	1	Analytical Computation
6	Ritesh and Hitesh are childhood friends. Ritesh is a consultant whereas Hitesh is an architect. They contributed equal amounts and purchased a	1	Reasoning

	building for Rs. 2 crores. After a year, they sold it for Rs. 3 crores and shared the profits equally. Are they doing the business in partnership ? Give reason in support of your answer.		
7	A Partnership Firm has four partners. How many additional partners can be admitted into the business as per the provision of the Companies Act, 2013? a) 50 b) 46 c) 100 d) 96	1	Factual knowledge
8	Ram, Mohan and Sohan were partners sharing profits in the ratio of 2 : 1 : 1. Ram withdrew Rs. 3,000 every month and Mohan withdrew Rs. 4,000 every month. Interest on drawings @ 6% p.a. was charged, whereas the partnership deed was silent about interest on drawings. Showing your working clearly, pass the necessary adjustment entry to rectify the error.	3	Indepth knowledge
9	Amay, Anmol and Rohan entered into partnership on 1st July, 2021 to share profits and losses in the ratio of 3:2:1. Amay guaranteed that Rohan's share of profit after charging interest on capital @ 6% p.a would not be less than Rs. 36,000 p.a. Their fixed capital balances are: Rs. 2,00,000, Rs. 1,00,000 and Rs. 1,00,000 respectively. Profit for the year ended 31st March, 2022 was Rs.1,38,000. Prepare Profit and Loss Appropriation A/c.	4	Understanding and analysis
10	Doremon, Shinchuan and Nobita are partners sharing profits and losses in the ratio of 3:2:1. With effect from 1st April, 2022 they agree to share profits equally. For this purpose, goodwill is to be valued at two year's purchase of the average profit of last four years which were as follows: Year ending on 31st March,2019 Rs. 50,000 (Profit) Year ending on 31st March,2020 Rs. 1,20,000 (Profit) Year ending on 31st March,2021 Rs. 1,80,000 (Profit) Year ending on 31st March,2022 Rs. 70,000 (Loss) On 1st April, 2021 a Motor Bike costing Rs. 50,000 was purchased and debited to travelling expenses account, on which depreciation is to be charged @ 20% p.a by Straight Line Method. The firm also paid an annual insurance premium of Rs. 20,000 which had already been charged to Profit and Loss Account for all the years. Journalise the transaction along with the working notes.	6	Understanding and analysis
	PART II STANDARD (COMPETENCY BASED QUESTIONS)		
1	Hina and Neena are partners in a firm. Neena withdrew Rs. 10,000 per month at the beginning of each month during the year ended 31st March, 2022. Interest on drawings was to be charged @ 6% per annum. 31 st March, 2022 will be : (a) Rs. 3,900 (b) Rs. 325 (c) Rs. 3,600 (d) Rs. 3,300	1	Concept knowledge and computation
2	A and B were partners in a firm sharing profits and losses in the ratio of 7 : 1A withdrew a fixed amount of Rs.12,000 at the beginning of each	1	In depth knowledge

	quarter. Interest on drawings is charged @ 6% p.a. The journal entry for charging interest on drawings at the end of the year will be: (a) Interest on drawings A/c Dr. ₹ 1,800 To A's Capital A/c ₹ 1,800 (b) Interest on drawings A/c Dr. ₹ 1,800 To A's Current A/c ₹ 1,800 (c) A's Capital A/c Dr. ₹ 1,800 To Interest on drawings A/c ₹ 1,800 (d) Profit and Loss Appropriation A/c Dr. ₹ 1,800 To Interest on drawings A/c ₹ 1,800		
3	Hina and Neena are partners in a firm. Neena withdrew Rs. 10,000 per month at the beginning of each month during the year ended 31st March, 2022. Interest on drawings was to be charged @ 6% per annum. Interest on Neena's drawings for the year ended 31st March, 2022 will be : (a) Rs. 3,900 (b) Rs. 325 (c) Rs. 3,600 (d) Rs. 3,300	1	Concept knowledge and computation
4	Assertion (A): Rent payable to partner is credited to Partner's Capital account. Reason: Rent is payable to partner for letting the firm use his personal property for business. a) Both (A) and R are true and R is the correct explanation of (A) b) Both (A) and R are true and R is not the correct explanation of (A) c) (A) is true, but R is false d) (A) is false, but R is true	1	Understanding and Analysis
5	Assertion (A): Goodwill is valued at the time of firm's reconstitution because gaining partners have to compensate the partners for gaining profit share. Reason: Goodwill is an Intangible assets which is recognized in the books of accounts if amount is paid for it. a) Both (A) and R are true and R is the correct explanation of (A) b) Both (A) and R are true and R is not the correct explanation of (A) c) (A) is true, but R is false d) (A) is false, but R is true	1	Understanding and Analysis
6	Sun and Star were partners in a firm sharing profits in the ratio of 2 : 1. Moon was admitted as a new partner in the firm. New profit sharing ratio was 3 : 3 : 2. Moon brought the following assets towards his share of goodwill and his capital : Rs. Machinery 2,00,000	1	Critical thinking and problem solving

	Furniture 1,20,000 Stock 80,000 Cash 50,000 If his capital is considered as Rs. 3,80,000, the goodwill of the firm will be : (A) Rs. 70,000 (B) Rs. 2,80,000 I Rs. 4,50,000 (D) Rs. 1,40,000		
7	Vihaan and Mann are partners sharing profits and losses in the ratio of 3:2. The firm maintains fluctuating capital accounts and the balance of the same as on 31st March 2022 is Rs. 4,00,000 and Rs. 4,65,000 for Vihaan and Mann respectively. Drawings during the year were Rs. 65,000 each. As per the partnership Deed, Interest on capital @ 10% p.a. on Opening Capital has been allowed to them. Calculate the opening capital of Vihaan given that the divisible profits during the year 2021-22 was Rs. 2,25,000. A) Rs. 3,30,000 b) Rs. 4,40,000 c) Rs. 4,00,000 d) Rs. 3,00,000	1	Problem solving strategies
8	Ajay, Manish and Sachin were partners sharing profits in the ratio 5:3:2. Their Capitals were Rs. 6,00,000; Rs. 8,00,000 and Rs. 11,00,000 as on April 01, 2021. As per Partnership deed, Interest on Capitals were to be provided @ 10% p.a. For the year ended March 31, 2022, Profits of Rs. 2,00,000 were distributed without providing for Interest on Capitals. Pass an adjustment entry and show the workings clearly.	3	Abstract thinking and computation
9	Jay, Vijay and Karan were partners of an architect firm sharing profits in the ratio of 2 : 2 : 1. Their partnership deed provided the following : (iv) A monthly salary of Rs. 15,000 each to Jay and Vijay. (ii) Karan was guaranteed a profit of Rs. 5,00,000 and Jay guaranteed that he will earn an annual fee of Rs. 2,00,000. Any deficiency arising because of guarantee to Karan will be borne by Jay and Vijay in the ratio of 3 : 2. During the year ended 31st March, 2018 Jay earned fee of Rs. 1,75,000 and the profits of the firm amounted to Rs. 15,00,000. Showing your workings clearly prepare Profit and Loss Appropriation Account and the Capital Account of Jay, Vijay and Karan for the year ended 31st March, 2018.	4	Attention to detail and computation
10	Moli, Bhola and Raj were partners in a firm sharing profits and losses in the ratio of 3 : 3 : 4. Their partnership deed provided for the following : (iv) Interest on capital @ 5% p.a. (ii) Interest on drawing @ 12% p.a. (iii) Interest on partners' loan @ 6% p.a. (iv) Moli was allowed an annual salary of Rs. 4,000; Bhola was allowed a commission of 10% of net profit as shown by Profit and Loss Account and Raj was guaranteed a profit of Rs. 1,50,000 after making all the adjustments as provided in the partnership agreement. Their fixed capitals were Moli : Rs. 5,00,000; Bhola : Rs. 8,00,000 and Raj : Rs. 4,00,000. On 1st April, 2016 Bhola extended a loan of Rs. 1,00,000 to the firm. The net profit of the firm for the year ended 31st March, 2017 before interest on Bhola's loan was Rs. 3,06,000. Prepare Profit and Loss Appropriation Account of Moli, Bhola and Raj for the year ended 31st March, 2017 and their Current Accounts	6	Attention to detail and computation

	assuming that Bhola withdrew Rs. 5,000 at the end of each month, Moli withdrew Rs. 10,000 at the end of each quarter and Raj withdrew Rs. 40,000 at the end of each half year.		
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ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: Business Studies
Allotment Date: 30 August 2025

Assignment No:- 3
Marks: (20+20=40)

PART I
BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1.	Which of the following is not a step in the process of 'Controlling' function of management? a) Setting performance standards b) Assignment of duties c) Taking corrective actions d) Comparing actual performance with standards	1	Identifying
2.	Which of the following function of management measures the progress of objectives and guides the organization to keep it on the right track so that organizational goals might be achieved? (a) Planning (b) Staffing (c) Directing (d) Controlling	1	Remembering
3.	Spiceworks, a company providing financial services to its clients is keeping a close check on the employee's activities by using biometric and retina scanning as modes of accessing the office premises, in order to ensure greater security of information in the organization. Choose the correct point of significance of controlling highlighted above: A. controlling helps in achievement of organizational goals B. controlling helps in ensuring order and discipline C. controlling helps in improving employee's motivation D. controlling enables optimum utilization of resources	1	Understanding
4.	Read the following statements: Assertion (A) and Reason (R). Choose the correct alternative from those given below: Assertion (A): Controlling can prevent deviations. Reason (R): Controlling helps in minimizing deviations by taking actions and decisions that reduce their recurrence. A. Both Assertion (A) and Reason (R) are true and Reason is the correct explanation of Assertion. B. Both Assertion(A) and Reason (R) are true and Reason is not the correct explanation of Assertion. C. Assertion (A) is true, Reason (R) is false. D. Assertion(A) is false, Reason(R) is true.	1	Critical thinking
5.	Assertion: Controlling is considered a backward-looking function.	1	Critical thinking

	Reason: Controlling measures and compares actual performance with standards fixed in the past. A) Both Assertion and Reason are true, and Reason is the correct explanation of Assertion. B) Both Assertion and Reason are true, but Reason is not the correct explanation of Assertion. C) Assertion is true, but Reason is false. D) Assertion is false, but Reason is true.		
6	Identify the decision which is not taken under financial management. A. Dividend Decision B. Capital Budgeting Decision C. Pricing Decision D. Both B. and C	1	Identifying
7	Which of the following is an evaluative process that checks whether planned decisions have been translated into desired action? a) Planning b) Organising c) Controlling d) Directing	1	Analysis
8	a) State any three points that highlight the importance of financial planning. OR (b) State how the following factors affect the working capital requirements of a company: (i) Seasonal Factors (ii) Production Cycle (iii) Operating Efficiency	3	Remembering and understanding
9.	Dhaval Acharya, after acquiring a bachelor's degree in Hotel Management joined his father's chain of vegetarian restaurants in Ahmednagar. Being young and enterprising, he suggested his father to add a new section of vegetarian bakery items which required an investment of ₹ 5 crores. His father Mr. Aariketh Acharya suggested him to take the decision with caution and understood everything comprehensively as bad decision may damage the financial fortune of business. Identify the decision suggested by Mr. Aariketh Acharya. State by giving any three reasons as to why he must have advised his son to take decision with caution.	4	Attention to detail
10	Describe relationship between Planning and Controlling.	6	Remembering
	PART II STANDARD (COMPETENCY BASED QUESTIONS)		
1.	The use of debt increases the financial risk of a business.' The factor determining the choice of an appropriate capital structure of a company highlighted in the above statement is: (a) Debt Service Coverage Ratio (b) Risk consideration	1	In depth knowledge

	(c) Cost of debt (d) Flexibility		
2.	Identify the incorrect statement with respect to 'Investment decision': A. Net working capital refers to excess of current assets over current liabilities B. Current assets are those assets which get converted into cash within one year C. Capital budgeting decisions are irreversible. D. Size of the assets, Profitability and competitiveness are not affected by capital budgeting decisions.	1	Attention to detail
3.	Read the following statements: Assertion (A) and Reason (R). Choose the correct alternative from those given below: Assertion(A): Financial Planning aims at enabling the company to tackle the uncertainty in respect of the availability and timing of the funds. Reason(R): Capital structure refers to the mix between owners' and borrowed funds Alternatives: A. Both Assertion (A) is false and Reason (R) are true. B. Both Assertion (A) and Reason (R) are false. C. Both Assertion (A) and Reason (R) are true, but Reason (R) is not the correct explanation of the Assertion. D. Both Assertion (A) and Reason (R) are true, and Reason (R) is the correct explanation of the Assertion.	1	Analytical reasoning
4.	What are the factors that affect financing decisions? (a) Cash flow position of the company (b) Stability of earnings (c) Degree of financial risk (d) Contractual constraints (e) State of capital market (f) Level of competition Choose the correct alternative from the following: A. (b), (c) and (f) B. (d), (e) and (f) C. (a), (c) and (d) D. (a), (c) and (e)	1	Attention to detail
5.	Assertion (A): Controlling is only backward-looking as it evaluates performance against past standards. Reason (R): Controlling also aims to improve future performance based on past experiences. a) Both A and R are true, and R is the correct explanation of A. b) Both A and R are true, but R is not the correct explanation of A. c) A is false but R is true. d) Both A and R are false.	1	Logical reasoning
6.	Assertion (A): A company with high growth opportunities is likely to pay lower dividends. Reason (R): Companies with high growth opportunities often require more retained earnings to fund expansion and	1	Logical reasoning

	investment projects, thus reducing the amount available for dividend payments. Which of the following options is correct? a) Both A and R are true, and R is the correct explanation of A. b) Both A and R are true, but R is not the correct explanation of A. c) A is true, but R is false. d) A is false, but R is true.		
7.	Which of the following is involved in the decision to invest in a particular project when using capital budgeting techniques? A) Amount of investment only B) Interest rate and cash flows only C) Amount of investment, interest rate, cash flows, and rate of return D) Rate of return only	1	Critical thinking
8.	From the following information regarding Aditya Ltd. which is in the business of manufacturing green tea, calculate the Return on Investment and Interest Coverage Ratio of the company: (Show working) Earnings before interest and tax ₹ 15,00,000 10% debentures ₹ 12,00,000 Equity Share Capital (₹10 each) ₹ 18,00,000 Tax Rate 40%	3	Problem solving
9.	Saksham Ltd. a firm manufacturing textile, wished to diversify their business. They were considering two options, either to diversify into manufacturing tooth-paste or switches. They wanted to invest in the purchase of land, to set up a manufacturing unit in the backward areas of Gujarat, which would also lead to the generation of employment opportunities in the area, but only after fulfilling all legal requirements and taking appropriate steps to ensure that the environment was not polluted. The finance manager of the company, Mr. Ramakant was asked by the management to prepare a report on the factors which should be considered while making the above investment decision. A. State any two factors that Mr. Ramakant would give in his report. B. Also state any one reason which makes it important for the above decision to be made carefully.	4	In depth knowledge
10.	Textile manufacturer Super textiles reported 43% fall in its profits in the fourth quarter ended 31 March 2017, which is beyond the acceptable range 25% decided by the company. This was due to higher fuel cost and lower yield on account of demonetization. The company aims to implement cost saving measures by restructuring contracts and its business processes to meet its targets in the future. A. Name the function of management discussed above. B. Also identify and explain the steps of the function of management discussed above.	6	In depth knowledge



ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: Economics
Allotment Date: 30 August 2025

Assignment No:- 3
Marks: (20+20=40)

PART I
BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1	What is 'on-job-training'?	1	Remembering
2	What is Right to education?	1	Understanding
3	What is brain drain?	1	Information
4	Outsourcing has intensified in present times because of growth of ____ sector. (a) Agriculture (b) Information Technology (c) Manufacturing (d) None of these	1	Evaluation Skill
5	Which of the following organisations is engaged in designing text material up to the senior secondary level? (a) UGC (b) AICTE (c) ICMR (d) NCERT	1	Remembering
6	GATT was established in ____ with ____ countries. (a) 1950,26 (b) 1948,27 (c) 1989,22 (d) 1948,23	1	Interdisciplinary
7	The WTO was founded as the successor organisation to: (a) IMF (b) NABARD (c) GATT (d) IBRD	1	Understanding
8	Why is it necessary to become a member of WTO?	3	Communication Skills
9	What do you understand by economic reforms? What are the main components of the new economic policy?	4	Understanding/Analyse
10	What are the six main problems of human capital formation in India?	6	Problem Solving

	PART II STANDARD (COMPETENCY BASED QUESTIONS)		
1	Human capital formation leads to: (a) efficient utilisation of inputs (b) innovations in physical capital (c) increase in GDP growth (d) all of these	1	HOT
2	Education is still a challenging proposition in the country on account of which of the following? (a) large number of illiterates (b) inadequate vocationalisation of education (c) Gender bias (d) All of these	1	Interdisciplinary
3	In the following question a statement of Assertion (A) is followed by a statement of Reason (R). Choose the correct alternative among those given below: Assertion (A): Expenditure on health increases the physical and mental ability of human beings. Reason (R): Expenditure on health makes long-term impacts and these can be easily reversed. Alternatives: (a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A) (b) Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A) (c) Assertion (A) is true but Reason (R) is false.	1	Critical Thinking and Problem Solving
4	Read the following statements carefully: Statement 1: On-the-job-training helps workers in sharpening their skills. Statement 2: The efficiency of a worker can never be changed. In the light of the given statements, choose the correct alternative from the following: (a) Statement 1 is false and statement 2 is true (b) Statement 1 is true and statement 2 is false (c) Both statements 1 and 2 are false (d) Both statements 1 and 2 are true	1	Evaluation
5	In order to mark the end of the 'license raj' ____ measure(s) was/were taken by the government of India. (i) Liberalisation (ii) Privatisation (iii) Globalisation Alternatives: (a) Only (i) (b) Only (ii) (c) Both (i) and (iii) (d) (i), (ii) and (iii)	1	Analytical Thinking

6	Tax reforms are concerned with the reforms in government revenue and government expenditure policies which are collectively known as: (a) Financial statements (b) Fiscal policy (c) Finance policy (d) None of the above	1	Logical Reasoning
7	Goods and services tax was implemented with the objective of: (a) Converting the country into a unified market (b) To improve the ease of doing business (c) Both (a) and (b) (d) Neither (a) nor (b)	1	Reasoning
8	"There is a downward trend in inequality world-wide with a rise in the average education levels". Comment	3	Critical Thinking and Problem solving
9	It is said, new economic policy is liberal. Do you agree? Give arguments in support of your answer.	4	Interdisciplinary
10	"Some economists believe that the economic reforms have adversely affected the agriculture sector in India'. Do you agree with the given statement? Justify your answer with valid reason.	6	Evaluation Skill/Problem Solving



ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: History
Allotment Date: 30 August 2025

Assignment No:- 3
Marks: (20+20=40)

PART I
BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1.	PART-A (i). From which country the traveller Al-Biruni came to India in the 11th century? a) France b) Uzbekistan c) Morocco d) England (ii). Whose book did Al-Biruni translate into Sanskrit? a) Megasthenes's Indica b) Kautilya's Arthashastra c) Patanjali's work Euclid's books of Mathematics (iii). Who was Andal? a) A devotee of Shiva b) A devotee of Vishnu c) A devotee of Allah d) A devotee of Jesus Christ (iv). What do you mean by 'Hagiographies'? a) Biographies of leaders b) Biographies of saints c) Biographies of artists d) Biographies of scientists (v). What are 'Maktubat'? a) Variant of Urdu language b) Charitable trust c) Modes of worship d) Letters written by sufi saints (vi). 'Tavaram' is the a) Collection of poems in Tamil b) Biographical accounts of saints c) Wedding songs d) Worship of the form of Goddess. a) for divine happiness	1x6=6	Remembering
2.	PART-B Answer in short: Write a note on the Kitab- Ul- Hind.	3	Understanding

3.	PART-C Answer in detail: Explain the teachings of Kabir and Guru Nanak.	8	Applying
	PART-D Map Question: On an outline map of the world mark and name any 3 countries visited by Ibn Battuta.	3	Identifying
	PART II STANDARD (COMPETENCY BASED QUESTIONS)		
1.	PART-A Objective Type Questions: (i) Assertion (A): Bernier's account cannot be considered fully accurate about Indian urban centres. Reason (R): Nearly 15% of India's population lived in towns, which was higher than the proportion of urban population in Europe during the same period. (a) Both A and R are true, and R is the correct explanation of A. (b) Both A and R are true, but R is not the correct explanation of A. (c) A is true, but R is false. (d) A is false, but R is true. (ii) Ibn Battuta believed that travel would prove to be a greater source of knowledge than reading books. What does this reflect about his approach as a traveller? (a) He valued practical observation over theoretical learning. (b) He considered religious texts as the only source of true knowledge. (c) He believed that knowledge could only be gained through teachers and scholars. (d) He rejected the idea of learning from cultural encounters. (iii) Ibn Battuta's description of Indian cities highlights crowded streets, colorful markets, and spaces for public performances. What does this suggest about urban life in India during his time? (a) Urban life was monotonous and centered only on religious activities. (b) Cities were hubs of both economic prosperity and cultural vibrancy.	1x4=4	Applying Knowledge

	(c) Markets functioned solely for trade without any social significance. (d) The population of cities was declining due to lack of resources. (iv) SArrange the following in chronological order. (i) Francois Bernier (ii) Marco Polo (iii) Ibn Battuta (iv) Al-Biruni Codes (a) (i), (ii), (iii), (iv) (b) (ii), (i), (iii), (iv) (c) (iv), (ii), (iii), (i) (d) (iv), (i), (iii), (ii)		
	PART-B Answer in short: Al-Biruni observed the caste system as rigid and exclusionary. Compare his interpretation with the present-day challenges of social stratification in India. How relevant are his views today?	3	Creating
	Many Sufi practices focus on tolerance, meditation, and harmony. In today's world of increasing conflicts, how could Sufi beliefs be applied to promote peace and interfaith dialogue?	3	Analysing
	PART-C Answer in detail: Imagine you are a Sufi or Bhakti poet in today's time. Which language or medium (songs, social media, regional dialects, etc.) would you adopt to spread your message of love and devotion? Justify with reasons. OR Bernier considered the treatment of women a key difference between Eastern and Western societies. Apply this idea to analyze whether women's position in society today can still be seen as a marker of cultural difference across regions.	8	(HOT) Analytically Evaluating & Synthesizing
	PART-D Sources Based Question: Read the following extract carefully and answer the questions that follow: <u>The One Lord</u> Here is a composition attributed to Kabir: Tell me, brother, how can there be No one lord of the world but two? Who led you so astray? God is called by many names: Names like Allah, Ram, Karim,	2x1=2	Application and understanding Based

	Keshav, Hari, and Hazrat. Gold may be shaped into rings and bangles. Isn't it gold all the same? Distinctions are only words we invent ... Kabir says they are both mistaken. Neither can find the only Ram. One kills the goat, the other cows. They waste their lives in disputation. Question:- (i) Evaluate the effectiveness of Kabir's metaphor of gold and its ornaments in conveying the idea of a single divine reality. How might this metaphor be used to address religious intolerance today?		



ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: Political Science
Allotment Date: 30 August 2025

Assignment No:- 3
Marks: (20+20=40)

PART I
BASIC (GENERAL BASED QUESTION)

S. NO.	QUESTIONS	MARKS	NATURE
1	MCQ BASED QUESTION: (i) Who accompanied the Tibetan spiritual leader Dalai Lama during the official Chinese visit to India in 1956? (a) Mao Zedong (b) Zhao Enpai (c) Zhou Enlai (d) Li Peng (ii) Apartheid is the practice of (a) religious discrimination. (b) racial discrimination. (c) linguistic differences. (d) humanbehaviour. (iii) India convened the Asian Relations Conference in March 1947 under the leadership of (a) Dr B.R. Ambedkar (b) Dr. Radha Krishnan. (c) Rajendra Prasad (d) Jawaharlal Nehru (iv) When China annexed Tibet? (a) 1950 (b) 1949 (c) 1951 (d) 1960 (v) Trygre Lie was the first Secretary General from (a) Germany. (b) Norway. (c) France. (d) Italy. (vi) The original member nations that signed the charter of the United Nations back in 1945 were (a) 58. (b) 49. (c) 50. (d) 51.	(6x1=6)	Information

2	VERY SHORT ANSWER QUESTION Which is the most important international organization? What is its image in the eyes of the people? OR What is Afro Asian Unity?	2	Understanding
3	SHORT ANSWER QUESTION Describe the non-traditional notions of security mentioned in the text. Read the extract carefully and answer the questions that follow: After gaining independence, India faced the challenge of deciding its position in global politics. With the world divided into two blocs – one led by the United States and the other by the Soviet Union – India chose a different approach. Under Jawaharlal Nehru's leadership, India adopted the policy of non-alignment, which aimed at maintaining independence in foreign affairs without joining any military alliances. India played a significant role in the Non-Aligned Movement (NAM), working alongside leaders from Ghana, Egypt, Indonesia, and Yugoslavia to promote peace and cooperation among newly independent nations. Questions: (i) What was India's foreign policy approach after independence? (a) Joining the US-led bloc (b) Aligning with the Soviet Union (c) Following a policy of non-alignment (d) Isolating itself from global politics (ii) What were the key objectives of India's policy of non-alignment? (iii) Why was non-alignment important for India?	4 (1+1+2=4)	HOTS Interdisciplinary & Analytical thinking
4	LONG ANSWER QUESTION What is meant by Security? Mention all the components of Indian security strategy.	6	Critical Thinking
	PART II STANDARD (COMPETANCE BASED QUESTION)		
5	ASSERTION REASON BASED QUESTION: Directions (Q. Nos. 1 & 2) In the questions given below, there are two statements marked as Assertion (A) and Reason (R). Read the statements and choose the correct option. (a) Both A and R are true and R is the correct explanation of A (b) Both A and R are true, but R is not the correct explanation of A (c) A is true, but R is false (d) A is false, but R is true (i) Assertion (A): The UN can serve as a platform for discussions between the US and other countries in a unipolar world.	(1X2=2)	CBQ Information Real life application Based on CBQ Understanding Based CBQ

	Reason (R): The US is the largest contributor to the UN and holds considerable influence. (ii) Assertion (A): The Shimla Agreement in 1972 resolved all the issues between India and Pakistan permanently. Reason (R): The Shimla Agreement led to peaceful coexistence and normalized relations between the two countries.		
6	VERY SHORT ANSWER QUESTION Highlight the contributions made by Pt. Jawaharlal Nehru to the foreign policy of India. State any two Objectives of United Nations? OR Can terrorism be divided into Good or Bad? Give your perspective regarding this perspective.	2 2	Application based CBQ Real life relevance based CBQ Understanding based CBQ
7	SHORT ANSWER QUESTION Mention Directive Principles of State Policy for the promotion of international peace and security. OR Explain India's Policy of Non-Alignment during the Cold War era. "The UN is an indispensable organisation." Justify the statement with any two suitable arguments. Study the cartoon carefully and answer the questions that follow:  Questions: (i) What does this cartoon represent? (ii) What type of crisis is depicted in the cartoon? (iii) What message is conveyed by the cartoon?	4 4 (1+1+2=4)	Critical thinking based Question Evaluation based CBQ Critical and Analytical thinking
8	LONG ANSWER QUESTION Describe the security challenges faced by the newly independent countries of Asia and Africa after the Second World War.	6	Analytical Skill based CBQ



ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: Physical Education
Allotment Date: 30 August 2025

Assignment No:- 3
Marks: (20+20=40)

PART I
BASIC (GENERAL QUESTIONS)

S. No.	QUESTIONS	MARKS	NATURE
1.	State two short-term effects of exercise on the respiratory system.	3	Remembering
2.	Define sprain and strain.	3	Application
3.	List two long-term effects of exercise on the circulatory system.	3	Remembering
4.	Write any two types of fractures.	3	Understanding
5.	Discuss the effects of regular exercise on the muscular system.	3	Understanding
6.	Explain the SAI Khelo India Fitness Test for the age group of 5–8 years.	5	Knowledge

PART II
STANDARD (COMPETENCY BASED QUESTIONS)

S. No.	QUESTIONS	MARKS	NATURE
1.	A student of Class 2 has a BMI of 22.2. Interpret whether it falls in the healthy, underweight, or overweight range.	3	Analytical
2.	How would you explain to a student of age 10 the purpose of the 50m speed test?	3	Application-based
3.	If a Class 7 student performs 25 curl-ups in one minute, what aspect of fitness is being measured and how should it be improved?	3	Problem-solving

4.	A student exercised for 240 seconds and recorded a pulse count of 90 between 1–1.5 minutes post-exercise. Calculate the Harvard Step Test score.	3	Numerical Application
5.	An elderly person manages 8 chair stands in 30 seconds. What does this result indicate about lower body strength?	3	Analytical
6.	During the test, a student struggles to perform a jumping full turn but completes other activities successfully. What does this reveal about motor learning ability?	5	Interpretative



ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: Painting

Allotment Date: 30 August 2025

Assignment No:- 3

Marks: 30

S. NO.	QUESTIONS	MARKS	NATURE
1	A. In which medium the Rajasthani miniature paintings are made? - Pastel colours - Water colours - Acrylic colours - Oil colours B. Kangra painting is a part of: - Pahari school - Mughal school - Rajasthani school - Deccan School C. Mention the title of painting done by painter Nihal Chand of the Rajasthani School? - Radha - Krishna lifting mountain - Krishna with Gopies - Maru Ragini D. On which mythological book, the famous miniature painting Bharat Meets Rama at Chitrakuta is based? - Ramayana - Guruvani - Rasikpriya - Geet Govinda E. In which its sub school the famous miniature painting of the Deccan school 'Chand Bibi playing Polo' is made: - Bijapur Sub School - Gol Konda Sub School - Ahmadnagar Sub school - Hyderabad Sub school F. Mention the title of the miniature painting done by the Miskin Painter of the Mughal school: - Ragini Pat-hansika - Chaghan Players - Krishna Lifting the Mount Govardhana - Marriage Procession of Dara Shiroh	1*6=6	Information
2	Evaluate the compositional arrangement of any three of the following in short:(30 words)	2*3=6	Evaluation

	I. Evaluate the aesthetic grandeur of the Deccan school paintings. II. Hazarat Nizamuddin Auliya and Amir Khusro		
3	a. Identify any relevant painting of the Bengal school included in your course of study comprising of the following features and explain them in that painting accordingly. The delineation of attenuated human figures with extra elongated limb and tapering fingers, which reflect the experience of the Rajasthan Pahari and Mughal miniatures. Hence emphasis on European realism is terminated. b. Which of the contemporary Indian Graphical painter you like the most? Write about the style, characteristics, and materials etc. of his/her works.	3*2=6	HOT
4	Write short note on any two of the following: i. Hyderabad school of painting ii. Guler painting iii. Nainsukh iv. Anupam Sud	6*1=6	Understanding
5	a. Write an essay on any one of the following and describe about their characteristics techniques: i. Mughal school ii. Appreciate contemporary Indian paintings included in your course of study.	6*1=6	Application



ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: Psychology
Allotment Date: 30 August 2025

Assignment No:- 3
Marks: (20+20=40)

PART I
BASIC(GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1	What is GAS?	1	Remembering
2	What is stress?	1	Understanding
3	What is resilience?	1	Information
4	Which type of validity refers to the extent to which a measure accurately assesses what it is supposed to measure? a) Face validity b) Construct validity c) Content validity d) Criterion validity	1	Evaluation Skill
5	Which of the following is a key factor in developing resilience? a) Positive relationships b) Negative thinking c) Avoidance coping d) Substance abuse	1	Remembering
6	How does the concept of stress in psychology relate to the physiological responses studied in biology?	1	Interdisciplinary
7	What is the primary focus of psychology? a) Studying human behavior and mental processes b) Understanding physical processes in the body c) Exploring historical events d) Analyzing economic systems	1	Understanding
8	How do psychological factors, such as stress and coping, influence an individual's overall well-being and quality of life?	3	Communication Skills
9	How can understanding the root cause of a problem help in finding an effective solution?	4	Understanding/Analyse
10	How can breaking down complex problems into smaller, manageable parts aid in finding solutions?	6	Problem Solving

	PART II STANDARD (COMPETENCY BASED QUESTIONS)		
1	5. What is the importance of random sampling in research? a) To ensure the sample is representative of the population b) To reduce bias in the sample c) To increase the sample size d) All of the above	1	HOT
2	How can the study of psychology inform our understanding of the impact of lifestyle factors, such as diet and exercise, on mental health?	1	Interdisciplinary
3	In the following question a statement of Assertion (A) is followed by a statement of Reason (R). Choose the correct alternative among those given below: 1. Assertion: Stress can have a significant impact on physical health. Reason: Stress can lead to increased blood pressure, heart rate, and cortisol levels.. Alternatives: (d) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A) (e) Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A) (f) Assertion (A) is true but Reason (R) is false.	1	Critical Thinking and Problem Solving
4	Read the following statements carefully: Statement 1 Problem-focused coping is more effective than emotion-focused coping. Statement 2 Problem-focused coping involves directly addressing the problem, which can lead to more effective solutions .In the light of the given statements, choose the correct alternative from the following: (c) Statement 1 is false and statement 2 is true (d) Statement 1 is true and statement 2 is false (c) Both statements 1 and 2 are false (d) Both statements 1 and 2 are true	1	Evaluation
5	Match the coping strategy with its definition: 1. Problem-focused coping 2. Emotion-focused coping 3. Avoidance coping 4. Social support seeking Definitions: A) Directly addressing the problem to find a solution B) Managing emotions to reduce stress	1	Analytical Thinking

	C) Avoiding the problem or situation D) Seeking help and support from others		
6	5. If a person is using emotion-focused coping to manage stress, which of the following is most likely to happen? a) The person will directly address the problem b) The person will manage their emotions to reduce stress c) The person will seek social support d) The person will experience increased stress	1	Logical Reasoning
7	18. Which coping strategy involves avoiding the problem? a) Avoidance coping b) Problem-focused coping c) Emotion-focused coping d) Social support seeking	1	Reasoning
8	Evaluate the impact of social support on stress management. How can individuals build and maintain strong social support networks?	3	Critical Thinking and Problem solving
9	How can the study of psychology inform our understanding of the impact of lifestyle factors, such as diet and exercise, on mental health?	4	Interdisciplinary
10	A group of friends is experiencing conflict and stress due to differing opinions. How can they work together to resolve their issues and maintain a positive relationship?	6	Evaluation Skill/Problem Solving



ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: NCC

Allotment Date: 30 August 2025

Assignment No:- 3

Marks: (20+20=40)

PART I
BASIC (GENERAL QUESTIONS)

S. NO.	QUESTIONS	MARKS	NATURE
1	Which instrument is used to measure direction on a map? a) Ruler b) Compass c) Barometer d) Clinometer	1	Remembering
2	A contour line represents: a) Population b) Altitude c) Road network d) Water level	1	Understanding
3	The color red on a topographical map indicates: a) Forest b) Roads and settlements c) Water bodies d) Agricultural land	1	Information
4	During floods, the most important immediate action is: a) Evacuation and rescue of people b) Constructing new houses c) Waiting for water to recede d) Starting road construction	1	Evaluation Skill
5	Community development in NCC is promoted by: a) Social service activities b) Blood donation c) Tree plantation and cleanliness drives d) All of the above	1	Remembering
6	Which of the following is a standard infantry rifle of the Indian Army? a) INSAS rifle b) AK-47 c) LMG d) Revolver	1	Interdisciplinary
7	The main purpose of field signals is: a) To decorate uniforms b) Silent communication in battle c) For NCC parades only d) To confuse the enemy	1	Understanding
8	Describe the importance of judging distance and how it is done in field craft.	3	Communication Skills
9	Explain any four tactical hand signals used in battle craft.	4	Understanding/Analyse

10	What is the difference between cover and concealment?	6	Problem Solving
	PART II STANDARD (COMPETENCY BASED QUESTIONS)		
1	What is the contour interval of a 1:50,000 scale map? a) 10 m b) 20 m c) 50 m d) 100 m	1	HOT
2	What does a 6-figure grid reference provide? a) Approximate area b) Exact point location c) Map scale d) Magnetic variation	1	Interdisciplinary
3	Which formation is best for patrolling in dense jungle? a) Line formation b) Column formation c) File formation d) Extended line	1	Critical Thinking and Problem Solving
4	Camouflage is used to: a) Stay visible b) Impress others c) Avoid detection d) Walk faster	1	Evaluation
5	Which of the following is NOT a part of field craft? a) Judging distance b) Map reading c) Cover from fire d) Weapon cleaning	1	Analytical Thinking
6	Ground which gives cover from enemy fire is called: a) Concealment ground b) Dead ground c) Observation post d) Defensive line	1	Logical Reasoning
7	The term dead ground refers to: a) Ground under water b) Ground not visible to enemy c) Ground with no vegetation d) Frozen land	1	Reasoning
8	Explain three safety precautions while using a compass during field exercises.	3	Critical Thinking and Problem solving
9	Explain the various methods of finding own position.	4	Interdisciplinary
10	Define Contour. What are the main characteristic of contour ?	6	Evaluation Skill/Problem Solving



ARMY PUBLIC SCHOOL GWALIOR
CLASS XII
ACADEMIC SESSION 2025-26
WORKSHEET (SELF-ASSESSMENT)



Subject: Computer Science
Allotment Date: 30 August 2025

Assignment No:- 3
Marks: (20+20=40)

PART I
BASIC (GENERAL QUESTIONS)

Q No.	Questions Section-A (20Marks)	Marks	Nature
1	What will be the output of the following Python code ? <pre>a = [10,23,56,[78, 10]] b = list(a) a[3][0] += 17 print(b)</pre> a) [10, 23, 71, [95, 10]] b) [10, 23, 56, [78, 25]] c) [10, 23, 56, [95, 10]] d) [10, 34, 71, [78, 10]]	1	Understanding
2	What will be the output of the following Python code ? <pre>lst1 = "hello" lst2 = list((x.upper(), len(x)) for x in lst1) print(lst2)</pre> a) [('H', 1), ('E', 1), ('L', 1), ('L', 1), ('O', 1)] b) [('HELLO', 5)] c) [('H', 5), ('E', 5), ('L', 5), ('L', 5), ('O', 5)] d) Syntax error	1	Understanding

3	What will be the output of the following Python code ? <pre>lst = [3, 4, 6, 1, 2] lst[1:2] = [7,8] print(lst)</pre> a) [3, 7, 8, 6, 1, 2] b) Syntax error c) [3, [7, 8], 6, 1, 2] d) [3, 4, 6, 7, 8]	1	Understanding
4	What will be the output of the following Python code snippet ? <pre>k = [print(i) for i in my_string if i not in "aeiou"]</pre> a) prints all the vowels in my_string b) prints all the consonants in my_string c) prints all characters of my_string that aren't vowels d) prints only on executing print(k)	1	Understanding
5	Which of the following is the correct expansion of list_1 = [expr(i) for i in list_0 if func(i)] ? (a) <pre>list_1 = [] for i in list_0: if func(i): list_1.append(i)</pre> (b) <pre>for i in list_0: if func(i): list_1.append(expr(i))</pre> (c) list_1 = [] <pre>for i in list_0: if func(i): list_1.append(expr(i))</pre> (d) none of these		Remembering

6	A Python function <code>`is_palindrome(word)`</code> uses a stack to check if a word is a palindrome. Which of the following best describes the logic of this function? A. It reverses the word using a stack and then checks if the reversed word is a palindrome. B. It pushes characters from the first half and pops them to compare with the second half of the word. C. It uses a stack to store all characters and then counts how many match the original word. D. It pushes the word's characters onto a stack and then compares the original word with the pop sequence.	1	Evaluation
7	Consider a stack <code>`S`</code> containing elements <code>`[10, 20, 30]`</code> where <code>`30`</code> is at the top. What will be the state of the stack after the following sequence of operations? 1. Push(40) 2. Pop() 3. Push(50) A. [10, 20, 30] B. [10, 20, 50] C. [10, 20, 30, 40, 50] D.	1	Evaluation

	[50, 40, 30, 20, 10]		
8	A programmer wants to check if a stack, represented by a Python list `my_stack`, is empty before attempting to perform a `pop` operation. Which of the following code snippets correctly checks for an empty stack? A. <pre>if my_stack:</pre> B. <pre>if len(my_stack) > 0:</pre> C. <pre>if my_stack.is_empty():</pre> D. <pre>if my_stack == []:</pre>	1	Understanding/Analyse
9	To implement a stack using a MySQL database table, which column would be essential to ensure the LIFO (Last-In, First-Out) behavior is maintained when retrieving data? A. A boolean column to mark the top of the stack B. An auto-incrementing integer column (e.g., `id`) C. A VARCHAR column for the data itself D. A timestamp column	1	Problem Solving

10	Is data structure related to a data type ? Explain.	2	Remembering
11	What do you understand by linear and non-linear data structures ?	3	Understanding
12	Name some linear data structures. Is linked list a linear data structure ?	3	Remembering
13	What is the working principle of data structures stack and queues ?	3	Understanding
PART II STANDARD (COMPETENCY BASED QUESTIONS) (20Marks)			
	Q 14 and 15 are ASSERTION AND REASONING based questions. Mark the correct choice as (a) Both A and R are true and R is the correct explanation for A (b) Both A and R are true and R is not the correct explanation for A (c) A is True but R is False (d) A is false but R is True		
14	Assertion. A linear list refers to a named list of finite number of similar data elements. Reason. Similar type of elements grouped under one name make a linear list.	1	HOT
15	Assertion. A list having one or more lists as its elements is called a nested list. Reason. Two or more lists as part of another data structure such as dictionaries or tuples, create nested lists.	1	HOT
16	Which SQL command and clause would you use to perform a 'pop' operation on a stack implemented in a MySQL table, assuming the stack elements are identified by an auto-incrementing 'id' column? A. SELECT * FROM stack_table ORDER BY id DESC LIMIT 1 B. DELETE FROM stack_table ORDER BY id ASC LIMIT 1 C. DELETE FROM stack_table WHERE id = (SELECT MAX(id) FROM stack_table) D.	1	Critical Thinking and Problem Solving

	UPDATE stack_table SET data = NULL WHERE id = (SELECT MAX(id) FROM stack_table)		
17	Which of the following scenarios is an ideal application for a stack data structure? A. Scheduling tasks for a printer queue B. Managing an 'undo' history in a text editor C. Storing data for quick retrieval by an index D. Processing a waiting list for a movie ticket	1	Analytical Thinking
18	Ravi is learning about different types of data structures. His teacher asked him to explain what a linear list data structure is and also list some common operations that can be performed on it. If you were Ravi, how would you answer the teacher's question?	3	Analytical Thinking
19	Browser History Management: Imagine you're developing a web browser. The "back" button functionality allows a user to navigate to the previously visited web pages. Explain how you would use a stack data structure to store the history of visited URLs. Write a Python program that simulates the visit_page() and go_back() operations using a list to represent the stack.	3	Logical Reasoning
20	<i>Job Scheduling with Priority</i> A large organization uses a database to manage a queue of high-priority tasks. The rule is that the most recently added task must be executed before any of the older ones. Design a MySQL database table to represent this task list. Write the SQL queries to add a new task (a push operation) and select the next task to be executed (a peek operation). Explain how your table and queries ensure the correct LIFO order.	3	Logical Reasoning
21	In Python programming, list comprehensions are often preferred over traditional loops. Enlist some advantages of using list comprehensions with suitable reasoning.	2	Critical Thinking and Problem solving
22	Stack as a Data Store: Consider a scenario where you need to implement a "back" button for an online shopping cart. As a user adds or removes items, you need to store the previous state of the cart. How could you use a stack data structure in conjunction with a MySQL database to efficiently manage the history of the cart's state, allowing the user to undo their last action? Describe the required SQL commands for this implementation.	5	Critical Thinking and Problem solving

