



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
WORKSHEET (SELF –ASSESSMENT)

Subject: English

Assignment No. : 7

Allotment Date: 31 December 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	Your school is organising the Annual Day Function next month in the prestigious auditorium of Glorious India. Draft an invitation giving all the essential details.(50-60 words)	3	Information
2	Read the extract given below and answer the questions that follow. "Therefore , on every morrow ,are wreathing A flowery band to bind us to the Earth, Spirit of despondence ,of the inhuman dearth Of noble natures , of the gloomy days, Of all the unhealthy and over-darkened ways Made for our searching." (i)Identify the poem and the poet. (ii)The message in the above lines is _____ (iii)What is meant by ' spite' ? (iv)Name the figure of speech in ' noble natures'	3	Understanding
3	Comment on Jack's art of storytelling in 'Should Wizard Hit Mommy.'	5	HOT
4	You were a witness of a daring daylight robbery .When you had gone to your bank for some personal work. Write a report on the incident in about 150-200 words.	5	Interdisciplinary
5	How does a thing of beauty provide us shelter and comfort ?Who is responsible for spreading the pall of despondency over our dark spirits ?	5	Analytical Skill
6	Bal Vidya Public School,Bhilai urgently requires a	5	Critical

	post-graduate teacher to teach political science for which they have placed an advertisement in The Bhilai Express .You are Sanjay/Sanjana Sharma from 21,Vasant Marg,Bhilai .Draft a letter including a CV ,applying for the advertised post.(120 words)		Thinking and Problem Solving
7	<p>Answer the following questions in 30-40 words each.</p> <p>(i)What made the village people ask for city money? ?</p> <p>(ii) Who is Mr Lamb ? How does Derry get into garden ?</p> <p>(iii) Why has Aunt Jennifer made 'prancing ,proud and unafraid tigers?</p> <p>(iv) "The battle of Champaran is won." When and why did Gandhiji exclaim this?</p> <p>(v) What made the Lieutenant Governor drop the case against Gandhiji?</p> <p>(vi) Why did Gandhiji agree to 25% compensation?</p> <p>(vii)Why didn't the stranger tell the ironmaster that he was not Nils Olof?</p>	7x2=14	Evaluation



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
WORKSHEET (SELF -ASSESSMENT)

Subject: Hindi

Assignment No. : 7

Allotment Date: 31 December 2024

S.NO.	QUESTIONS	MARKS	NATURE
1	<p style="text-align: center;">धरती के आँचल में सजी सँवरी हैं स्वर्ण रश्मियाँ, खेतों में आज बिखरा है सोना जिसे देख कर महका कृषक मन का कोना-कोना। किया धरती का सोलह-सिंगार चमचमाते नयन बार-बार, धानी चुनर में मोती सजे हैं ढोल, ताशे और बाजे बजे हैं दिल की वीणा के झंकृत हैं तार झूमें-गाएँ सबके मन बार-बार। हूएँ आँखों में सब सपने साकार फिर से जागी हैं उम्मीदें हजार।</p> <p>1. खेतों में क्या बिखरा हुआ है? 2. किसान के नयन क्यों चमचमाते हैं? 3. सबके मन क्यों झूम और गा रहे हैं? 4. इस बार बेमौसम की बरसात ने फसलों का बहुत नुकसान किया है, आप इस बारे में क्या सोचते हैं? क्या हम इसके लिए कुछ कर सकते हैं?</p>	5	Information
2	“बेरोजगारी की समस्या ” विषय पर आलेख लिखिए ।	5	Understanding
3	वर्तमान सामाजिक व्यवस्था” पर एक फीचर लिखिए।	5	HOT
4	<p>1. विशेषीकृत पत्रकारिता से आप क्या समझते हैं ? 2. हिंदी पत्रकारिता दिवस कब और किस उपलक्ष्य में मनाया जाता है? 3. सपादकीय में लेखक का नाम क्यों नहीं दिया जाता है ? 4. ‘वाँचडॉंग पत्रकारिता’ किस प्रकार लोकतंत्र का प्रहरी है ?</p>	5	Interdisciplinary

	5. किन्ही चार हिंदी समाचार पत्रों के नाम लिखिए, जिनके इंटरनेट संस्करण भी उपलब्ध है।		
5	'आपके उपवन के पौधे ' विषय पर अनुच्छेद लिखिए।	5	Analytical Skill
6	भारत सरकार ने केन्द्रीय हिंदी संस्थान,आगरा से चतुर्थ श्रेणी के कर्मचारियों के आँकड़े माँगे थे , इसकी जानकारी पर पत्र लिखिए।	5	Critical Thinking and Problem Solving
7	घरों में काम करने वालों के जीवन की जटिलताओं का पता चलता है।घरेलू नौकरों को और किन समस्याओं का सामना करना पड़ता है। इस पर विचार प्रकट कीजिए ?	5	Evaluation
8	दिनों - दिन गहराते पानी के संकट से निपटने के लिए क्या आज युवा वर्ग 'काले मेघा पानी दे' कि इंद्र सेना की तर्ज पर कोई सामूहिक आन्दोलन प्रारम्भ कर सकता है? अपने विचार व्यक्त कीजिए?	5	Communication Skills



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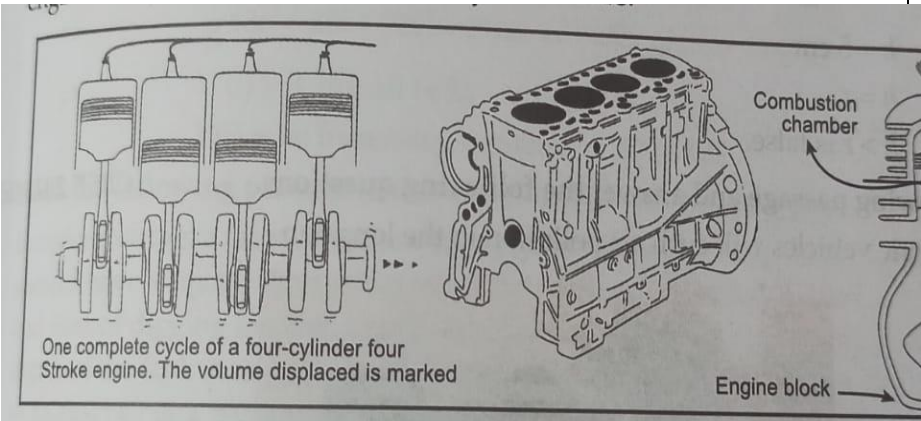
Subject: Mathematics

Assignment No. : 7

Allotment Date: 31 December 2024

S.N	QUESTIONS	MAR	NATURE
O.		KS	
1	If A and B are square matrix of order 3 such that $ A = 5$ and $AB = -5I$, then the value of $ B $ is (a) -5 (b) -25 (c) 25 (d) none of these	1	Understand ing
2	If $f(x) = \begin{cases} 5x - 4, & 0 < x \leq 1 \\ 4x^2 + 3ax, & 1 < x < 2 \end{cases}$ is continuous for all $x \in (0,2)$, then the value of a is: (a) 1 (b) 0 (c) -1 (d) 1/3	1	HOT
3	The integrating factor of the differential equation $x \frac{dy}{dx} + 2y = x^2$ is (a) x (b) x^2 (c) 3x (d) xy	1	HOT
4	If $\vec{a} = 3\hat{i} + 2\hat{j} + 5\hat{k}$ and $\vec{b} = 6\hat{i} - \hat{j} - 5\hat{k}$, then find $(\vec{a} + \vec{b}) \cdot (\vec{a} - \vec{b})$ (a) 24 (b) -24 (c) 18 (d) 10	1	Understand ing
5	$\int_{-\pi/4}^{\pi/4} \sec^2 x \, dx$ is equal to: (a) -1 (b) 0 (c) 1 (d) 2	1	Understand ing
6	The value of p for which the vectors $2\hat{i} + p\hat{j} + \hat{k}$ and $-4\hat{i} - 6\hat{j} + 26\hat{k}$ are perpendicular to each other is:	1	Understand ing

	(a) 3 (b) - 3 (c) -17/3 (d) 17/3		
7	A card is picked at random from a pack of 52 playing cards. Given that the picked card is queen, the probability of this card to be a card of spade is: (a) 1/13 (b) 4/13 (c) 1/4 (d) 1/2	1	Understanding
8	If $u = \sin^{-1}\left(\frac{2x}{1+x^2}\right)$ and $v = \tan^{-1}\left(\frac{2x}{1-x^2}\right)$ then du/dv is: (a) 1/2 (b) 2x (c) $\frac{1-x^2}{1+x^2}$ (d) 1	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 (A): The relation $f: \{1,2,3,4\} \rightarrow \{x,y,z,p\}$ defined by $f = \{(1,x), (2,y), (3,z)\}$ is a bijective function. Reason (R): The function $f: \{1,2,3\} \rightarrow \{x,y,z,p\}$ defined by $f = \{(1,x), (2,y), (3,z)\}$ is one-one.	1	Information
10	Find the value of $\sin^{-1}(\cos(33\pi/5))$.	2	Understanding
11	Find the interval in which the function f given by $f(x) = 7 - 4x - x^2$ is strictly increasing.	2	HOT
12	Find the maximum profit that a company can make, if the profit function is given by $P(x) = 72 + 42x - x^2$, where x is the number of units and P is the profit in rupees.	2	HOT

13	The volume of a cube is increasing at the rate of $9\text{cm}^3/\text{sec}$. How fast is its surface area increasing when the length of an edge is 10 cm?	2	Analytical Skill
14	Evaluate: $\int_0^1 \frac{\tan^{-1}x}{1+x^2} dx$.	2	Understanding
15	Evaluate: $\int \frac{\cos x}{(1-\sin x)(2-\sin x)} dx$	3	Interdisciplinary
16	Evaluate: $\int_0^{\pi/4} \log(1 + \tan x) dx$	3	Understanding
17	Solve : $x \sin\left(\frac{y}{x}\right) \frac{dy}{dx} + x - y \sin\left(\frac{y}{x}\right) = 0, y = \frac{\pi}{2}$ when $x = 1$.	3	Understanding
18	If $x = a(\theta - \sin\theta)$, and $y = a(1 - \cos\theta)$, then find $\frac{d^2y}{dx^2}$ at $\theta = \pi/3$.	3	Critical Thinking and Problem Solving
19	<p>Case Study:</p> <p>Engine displacement is the measure of the cylinder volume swept by all the pistons of a piston engine. The piston moves inside the cylinder bore. The cylinder bore in the form of circular cylinder open at the top is to be made from a metal sheet of area $75\pi\text{ cm}^2$.</p>  <p>One complete cycle of a four-cylinder four Stroke engine. The volume displaced is marked</p>	4	Critical Thinking and Problem Solving

Based on the above information, answer the following questions:

- If the radius of cylinder is r cm and height is h cm, then write the volume V of cylinder in terms of radius r .
- Find dV/dr .
- (a) Find the radius of cylinder when its volume is maximum.

OR

	(b) For maximum volume, $h > r$. State true or false and justify.		
20	Find the vector and cartesian equations of the line which is perpendicular to the lines with equations $\frac{x+2}{1} = \frac{y-3}{2} = \frac{z+1}{4}$ and $\frac{x-1}{2} = \frac{y-2}{3} = \frac{z-3}{4}$ and passes through the point (1,1,1). Also, find the angle between the given lines.	5	Critical Thinking Problem Solving

	<p>becomes zero twice in a cycle</p> <p>2. ASSERTION: IN series LCR- circuit, the resonance occurs at one frequency only.</p> <p>REASON: At resonance, the inductive reactance is equal and opposite to the capacitive reactance.</p>	1	
3	<p>Multiple choice questions</p> <p>a) Force acting on a stationary point charge q in an electric field E is</p> <p>a) E/q b) qE c) q^2E d) E/q^2</p> <p>b) At 1000°C, resistance of a wire is found to be four times its resistance at 0°C. The temperature coefficient of resistance of the material of the wire will be:</p> <p>a) 0.001°C^{-1} b) 0.002°C^{-1} c) 0.003°C^{-1} d) 0.004°C^{-1}</p>	1	Interdisciplinary
4	<p>Multiple choice questions</p> <p>a) An electric bulb marked 40 watt - 200 volt is used in a circuit of supply voltage 100 V. Now its power is</p> <p>a) 10 W b) 20 W c) 40 W d) 100 W</p> <p>b) When three identical bulbs of 60 watt, 200 V rating are connected in series to a 200 volt supply, the power drawn by them will be:</p> <p>a) 60 W b) 180 W c) 10 W d) 20 W</p>	1	Understanding
5	<p>Assertion-Reason</p> <p>In the following questions, a statement of assertion is followed by a corresponding statement of reason. Of the following statements, choose the correct one.</p> <p>a. Both assertion and reason are correct statements and reason is the correct explanation of the assertion. b. Both assertion and reason are correct, but reason is not the correct explanation of the assertion. c. Assertion is correct, but the reason is incorrect</p>	1	HOT

	<p>statement. Assertion is incorrect but reason is correct statement</p> <p>a) ASSERTION: Two capacitors of same capacity are firstly connected in parallel and then in series .The ratio of equivalent capacitance in two cases is 2 : 1</p> <p>REASON: In series capacitance decreases</p> <p>b) ASSERTION: Electric line of force never cross each other.</p> <p>REASON: They are imaginary lines ,so as per the supposition they cannot cross each other.</p>		
6	<p>a)What is the expression for the impedance of LCR circuit?</p> <p>b) What is the path followed by a charged particle when it moves at an angle 0° ,90° or 180° and (other than 0° ,90° or 180°) to the magnetic field?</p>	2	Evaluation
7	<p>Two equal balls having equal positive charge q coulombs are suspended by two insulating strings of equal length. What would be the effect on the force when a plastic sheet is inserted between the two?</p> <p>.</p>	3	Communication skill
8	<p>In the Rutherford scattering experiment, the distance of closest approach for an α-particle is d_0. If α-particle is replaced by a proton, then how much kinetic energy in comparison to α-particle will be required to have the same distance of closest approach d_0?</p>	3	Evaluation
9	<p>a)Show that Lenz's law is direct consequence of the law of conservation of energy.</p> <p>b) Two spherical bobs, one metallic and the other of glass, of the same size are allowed to fall freely from the same height above the ground. Which of the two would reach earlier and why?</p>	3	Information

10	How is the mutual inductance of a pair of coils affected when i) Separation between the coils is increased ii) The number of turns of each coil is increased iii) A thin iron sheet is placed between the two coils, other factors remaining the same. Explain your answer in each case.	3	Understanding
11	Using Biot Savart's law, Derive an expression for magnetic field due to infinitely long straight wire.	3	HOT
12	How does one demonstrate, using a suitable diagram, that polarised light when passed through a polaroid gets polarised?	3	HOT
13	What is meant by mutual induction ? Define coefficient of mutual induction and also give its SI unit . Derive an expression for the coefficient of mutual induction between two long solenoids.	5	Critical thinking and Problem solving
14	a) Derive an expression for the force per unit length between two long straight parallel conductors carrying current in the same direction and hence define the unit of current. b) Name The device used to change the speed of an electric fan .	5	Analytical Skill



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Subject: Chemistry

Assignment No. : 7

Allotment Date: 31 December 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	Multiple choice questions 1. According to IUPAC nomenclature, sodium nitroprusside is named as a. Sodium pentacyanonitrosyl ferrate (II) b. Sodium pentacyanonitrosyl ferrate (III) c. Sodium nitroferricyanide d. Sodium nitroferrocyanide 2. The cell constant of a conductivity cell a. Changes with change of electrolyte b. Changes with change of concentration of electrolyte c. Changes with temperature of electrolyte d. Remains constant for a cell	2	Analytical Skills
2	State Kohlrausch law of independent migration of ions. Also calculate limiting molar conductivity if NaCl	2	Understanding
3	Convert the following: (a) Nitrobenzene to benzoic acid (b) Aniline to benzyl alcohol	2	HOT
4	Define the following terms (a) Shielding effect (b) Chelating legands	2	Interdisciplinary
5	i. The decomposition of dimethyle ether leads to the formation of CH ₄ , H ₂ and CO and the reaction rate is given by rate = K[CH ₃ OCH ₃] ^{3/2} . The rate of reaction is followed by increase in pressure in a closed vessel, so the rate can also be expressed in terms of partial	2	HOT

	pressure of dimethyl ether, i.e. rate = $k[p_{\text{CH}_3\text{OCH}_3}]^{3/2}$. If the pressure is measured in bar and time in minutes, then what are the units of rate and rate constant? (ii) can a reaction have negative activation energy?		
6	.What do you mean by unidentate, didentate and ambidentate ligands?	2	Information
7	Write down limitations of Valence Bond Theory.	3	Understanding
8	On the bases of VBT predict Geometry and Magnetic nature of $[\text{Co}(\text{NH}_3)_6]^{3+}$	3	Interdisciplinary

S. NO.	QUESTIONS	MARKS	NATURE
9	How will you distinguish between a. Ethanal and Acetone b. Aniline and ethanoic Acid c. Primary amine and secondary amine	3	Information
10	Distinguish between a. Reducing sugars and non reducing sugars b. Double salt and coordinate compound c. t_2g and e_g orbitals	3	HOT
11	What is lanthanoid contraction? What is the reason of lanthanoid contraction?	3	HOT
12	Write all the isomers of (i) $[\text{Co}(\text{NH}_3)_6][\text{Cr}(\text{C}_2\text{O}_4)_3]$ (ii) $[\text{Co}(\text{NH}_3)_5\text{SO}_4]\text{Br}$	3	Understanding
13	A ketone $\text{A}(\text{C}_2\text{H}_8\text{O})$ which undergoes a haloform reaction gives compound B on reduction, heating with sulphuric acid gives a compound C which forms mono-ozonide D. D on hydrolysis with zinc dust gives only E. Identify A, B, C, D and E write the reactions involved. How	5	HOT

	does compound A gives iodoform reaction?		
14	(i) Mention the factors that affect the rate of a chemical reaction. (ii) A reaction is of second order with respect to a reactant. How is the rate of reaction affected, if the concentration of the reactant is (a) doubled? (b) Reduced to half? (iii) What is the effect of temperature on the rate constant of a reaction?	5	Evaluation



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Subject: Biology

Assignment No. : 7

Allotment Date: 31 December 2024

S.NO.	QUESTIONS	MARKS	NATURE
1.	What is the difference between endemic and exotic species?	2	Analytical Skills
2.	How does kangaroo rats live in the absence of water in North American desert?	2	Understanding
3.	How forests help in maintenance of climate?	2	Analytical Skills
4.	What are critical habitats?	2	Interdisciplinary
5.	What are the effects of biodiversity loss?	2	Understanding
6.	Define cryopreservation.	2	Information
7.	What is genetic diversity? Give its significance.	3	Information
8.	Differentiate between National parks and Sanctuaries.	3	HOT
9.	Describe ecological role of biodiversity.	3	Understanding
10.	Define wildlife. Describe its significance in the maintenance of the environment.	3	HOT
11.	How is diversity at all levels is generally conserved?	3	Interdisciplinary
12.	What are threatened species? Name their three types in order of the danger of extinction they face.	3	Interdisciplinary
13.	How is biodiversity distributed along major environmental gradients?	5	Understanding
14.	Write an essay on the strategies for conservation of the wildlife.	5	HOT



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WORKSHEET (SELF –ASSESSMENT)



Subject: Accountancy

Assignment No. : 7

Allotment Date: 31 December 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	<p>Shanu and Ranu share profits in the ratio of 3:2. Their capitals are ₹ 40,000 and ₹ 30,000 respectively. Chabuis admitted for 1/5th share in profits. What is the amount of capital which Chabu should bring? (a) ₹ 17,500 (b) ₹ 16,000 (c) ₹ 1,00,000 (d) ₹ 64,000</p> <p>Or</p> <p>There are two statements marked as Assertion (A) and Reason (R.). Read the statement and choose the appropriate option from the options given below: Assertion (A): Loan from spouse of a partner is considered as external liability. Reason (R): It is shown on the debit side of Realisation.</p> <p>(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.</p>	1	Understanding
2	<p>Haya Ltd. forfeited 7000 equity shares of ₹ 100 each issued at a premium of 10%, for nonpayment of first and final call of ₹ 40 per share. The maximum amount of discount at which these shares can be reissued will be: (a) ₹ 2,80,000 (b) ₹ 3,50,000 (c) ₹ 4,90,000 (d) None of these</p> <p>OR</p> <p>When debentures are issued at a discount but are redeemable at a par, which of the following account will be debited at the time of issue. (a) Discount on issue of Debentures A/c (b) Loss on issue of Debentures A/c (c) Premium on redemption of deb. A/c (d) Securities Premium A/c</p>	1	Knowledge
3	<p>Calculate the value of goodwill at 3 years purchase when normal rate of return is 10%. Capital employed ₹ 2, 50,000 and Average Profit ₹ 30,000. (a) ₹ 3,000 (b) ₹ 25,000 (c) ₹ 30,000 (d) ₹ 15,000</p> <p>OR</p> <p>In case of Workmen Compensation Reserve, if the amount claimed is more than the amount lying in Workmen Compensation Reserve, then the shortfall will be recorded in : (a) Revaluation Account (b) Partners' Capital Account (c) Balance Sheet (d) None of these</p>	1	knowledge
4	<p>A, B and C are partners in the ratio of 5:3:2. Before B's salary of ₹ 34,000 firm's profit is ₹ 1, 84,000. How much in total B will receive from the firm? (a) ₹ 55,200 (b) ₹ 79,000 (c) ₹ 89,200 (d) ₹</p>	1	Knowledge and understanding

	<p>45,000 Or Alfa Ltd took over the assets of ₹ 7, 60,000 and liabilities of ₹ 80,000 of Y limited for purchase consideration of Rs 5, 85,000 payable by the issue of 12% debentures of ₹ 100 each at a discount of 10%. The number of debentures to be issued is: (a) ₹ 6,600 (b) ₹ 6,500 (c) ₹ 4,500 (d) ₹ 5,400 OR Securities Premium received on issue of debentures may be utilised for writing off: a) Premium allowed on redemption of debentures b) Writing off preliminary expenses c) Writing off discount allowed on issue of debentures d) All of the above.</p>		
5	<p>Assertion: Issued capital is that part of the authorized capital which is actually issued to the public only. Reason: Issued capital also includes the shares allotted to vendors and the signatories to the company's memorandum. a) Both Assertion and reason are true and reason is correct explanation of assertion. b) Assertion and reason both are true but reason is not the correct explanation of assertion. c) Assertion is true, reason is false. d) Assertion is false, reason is true. Or Virus and Anil are partners in a firm sharing profits and losses in the ratio 2:1. Their Capital balances were ₹ 10, 00,000 and ₹ 8, 00,000 respectively. The firm made a profit during the year amounted to ₹ 3,45,000. Both partners are allowed a salary of ₹ 2,500 per month. Interest on capital is allowed @ 5% on capital balance. What will be the Capital balance of Anil. (a) ₹ 9,35,000 (b) ₹ 9,10,000 (c) ₹ 9,85,000 (d) None of these</p>	1	Knowledge
6	<p>Read the following hypothetical situation, Answer the following Questions: Pooja and Shagun are partners in a firm. Pooja is entitled to a salary of ₹ 20,000 p.a. and commission of 10% of Net profit before charging the commission. Shagun is entitled to a salary of ₹ 50,000 p.a. with commission of 10% of Net Profit after charging all commission. Profit after charging salary but before charging any commission for the year was ₹ 5, 50,000.</p> <ul style="list-style-type: none"> • Pooja's Commission will be: (a) ₹ 50,000 (b) ₹ 52,000 (c) ₹ 84,000 (d) ₹ 60,000 • Shagun's commission will be: (a) ₹ 40,000 (b) ₹ 42,364 (c) ₹ 42,500 (d) ₹ 47,500 	1	Knowledge
7	<p>A B and C were partners in a firm sharing profits in the ratio of 3:2:1. B was guaranteed profit of ₹ 2, 00,000. During the year the firm earned a profit of ₹ 84,000. Calculate the net amount of Profit or Loss transferred to the Capital Account of C. (a) ₹ 87,000 (b) ₹ 29,000 (c) ₹ 25,000 (d) ₹ 75,000 Or Assertion: When a company is purchasing a running business of other company and payment is made via issue of shares, in such a case if purchase consideration is less than the net assets, the difference is credited in Capital Reserve. Reason: Goodwill is recorded in the books when some money is paid for it. (a) Both Assertion and reason are true and reason is correct explanation of assertion. (b) Assertion and reason both are true but reason is not the correct explanation of assertion. (c) Assertion is true, reason is false. (d) Assertion is false, reason is true.</p>	1	Knowledge
8	<p>Chaya, Kaya and Maya are equal partners. At the time of Nannu's retirement. Workmen compensation Reserve (WCR) appears in</p>	1	Knowledge and computation

	<p>the books at ₹ 70,000 and the claim of ₹ 25,000 was against it. The amount of WCR credited to Nannu's Capital account will be:- (a) ₹ 33,300 (b) ₹ 15,000 (c) ₹ 45,000 (d) ₹ 95,000</p> <p>OR</p> <p>Kamal and Beena are partners in a firm with capital of ₹ 18,000 and ₹ 20,000. Naveen brings ₹ 10,000 for his share of goodwill and he is required to bring proportionate capital for 1/3rd share in profits. The capital contribution of Naveen will be: (a) ₹ 24,000. (b) ₹ 19,000. (c) ₹ 12,667. (d) ₹ 14,000.</p>																											
9	<p>Given below are two statements, one labelled as Assertion (A) & the other labelled as Reason (R) Assertion (A): Profitability ratios are calculated to analysis the earning capacity of the business. Reason (R): Profitability ratios are calculated to determine the ability of the business to service its debt in the long run. In the context of the above two statements, which of the following is correct: 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 but Reason (R) is not the correct explanation of Assertion (A). c) Assertion (A) is true but Reason (R) is false. d) Assertion (A) is false but Reason (R) is true.</p> <p>OR</p> <p>Which of the following ratio establishes the relationship between 'Credit revenue from operations' and Trade receivables"? (a) Inventory turnover ratio (b) Interest coverage ratio (c) Trade payables turnover ratio (d) Trade receivables turnover ratio</p> <p>Or</p> <p>_____ is not a limitation of financial statement analysis. (a) To measure the financial strength (b) Affected by window dressing (c) Do not reflect changes in price level (d) Lack of qualitative analysis</p>	1	Knowledge and computation																									
10	<p>Which of the following transactions will result into 'Flow of Cash'? (a) Deposited 10,000 into bank. (b) Withdrew cash from bank 14,500. (c) Sale of Machinery of the book value of 74,000 at a loss of 9,000. (d) Converted 2,00,0000 9% Debentures into equity shares.</p> <p>OR</p> <p>What will be the effect of issue of Bonus shares on Cash Flow Statement?</p> <table border="1" style="width: 100%;"> <tr> <td>(a) No effect</td> <td>(b) Inflow in Financing Activity</td> </tr> <tr> <td>(c) Inflow in Operating activity</td> <td>(d) Inflow in Investing Activity</td> </tr> </table>	(a) No effect	(b) Inflow in Financing Activity	(c) Inflow in Operating activity	(d) Inflow in Investing Activity	1	Understanding and knowledge																					
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11	<p>M, N and O were partners in a firm running a successful business of car accessories. They had agreed to share profits and losses in the ratio of 1/2: 1/3: 1/6 respectively. After running business successfully and without any disputes for 10 years, N decided to retire due to old age. M and O decided to share future profits and losses in the ratio of 3:2. The accountant passed the following journal entry for N share of goodwill and missed some information. Fill in the missing figures in the following Journal entry and calculate the gaining ratio.</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>Date</th> <th>Particulars</th> <th>L.F</th> <th>Dr</th> <th>Cr</th> </tr> </thead> <tbody> <tr> <td></td> <td>M's Capital A/c Dr.</td> <td></td> <td>-----</td> <td></td> </tr> <tr> <td></td> <td>O's Capital A/c Dr.</td> <td></td> <td>21,000</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">To N's Capital A/c</td> <td></td> <td></td> <td>-----</td> </tr> <tr> <td></td> <td colspan="4">(N's share of Goodwill debited to the amounts of continuing partners in their gaining ratio)</td> </tr> </tbody> </table> <p>Or</p> <p>P, Q and R were partners in a firm sharing profits and losses in the ratio of 2:3:1. With effect from 1st April, 2018 they decided to</p>	Date	Particulars	L.F	Dr	Cr		M's Capital A/c Dr.		-----			O's Capital A/c Dr.		21,000			To N's Capital A/c			-----		(N's share of Goodwill debited to the amounts of continuing partners in their gaining ratio)				3	Knowledge
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	<p>share future profits and losses in the ratio of 3:2:1. On that date, their balance sheet showed a debit balance of ₹ 24,000 in Profit and Loss A/c and a balance of ₹ 1,44,000 in General Reserve. It was also agreed that: 1)The goodwill of the firm be valued at ₹ 180,000. 2)The land (having book value of ₹ 3,00,000) will be valued at ₹ 4,80,000. Pass the necessary journal entries for the above changes.</p> <p>OR</p> <p>Sandip and Arora were partners in a firm sharing profits in the ratio of 5:3. Their fixed capitals on 1.4.2019 were: Sandip ₹ 60,000 and Arora ₹ 80,000. They agreed to allow interest on capital @ 12% p.a. and to charge on drawings @15% p.a. The profit of the firm for the year ended 31st March, 2020 before all above adjustments was ₹ 12,600. The drawings made by Sandip were ₹ 2,000 and by Arora ₹ 4,000 during the year. Prepare Profit and Loss Appropriation A/c of Sandip and Arora. Show your calculations clearly. The interest on capital will be allowed even if the firm incurs loss.</p> <p>Or</p> <p>X, Y and Z are partners in a firm of sharing profits in the ratio of 2:2:1. X retires an after all adjustments the capitals A/c of X and Y showed balance of ₹ 70,000 and ₹ 50,000 respectively. They decided to adjust their capitals in new profit sharing ratio by withdrawing or bringing in cash. Give necessary journal entries.</p>																																																		
12	<p>Ashish and Kanav were partners in a firm sharing profits and losses in the ratio of 3:2. On 31st March, 2018 their balance sheet was as follows:</p> <p>Balance Sheet of Ashish and Kanav as at 31st March, 2018</p> <table border="1" data-bbox="240 1043 1106 1352"> <thead> <tr> <th>Liabilities</th> <th>Amt (₹)</th> <th>Assets</th> <th>Amt (₹)</th> </tr> </thead> <tbody> <tr> <td>Trade Creditors</td> <td>42,000</td> <td>Bank</td> <td>35,000</td> </tr> <tr> <td>Employees Provident Fund</td> <td>60,000</td> <td>Stock</td> <td>24,000</td> </tr> <tr> <td>Mrs. Ashish's Loan</td> <td>9,000</td> <td>Debtors</td> <td>19,000</td> </tr> <tr> <td>Kanav's Loan</td> <td>35,000</td> <td>Furniture</td> <td>40,000</td> </tr> <tr> <td>Workmen's Compensation Fund</td> <td>20,000</td> <td>Plant</td> <td>2,10,000</td> </tr> <tr> <td>Investment Fluctuation Reserve</td> <td>4,000</td> <td>Investments</td> <td>32,000</td> </tr> <tr> <td></td> <td></td> <td>Profit & Loss Account</td> <td>10,000</td> </tr> <tr> <td>Capital's:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Manav - 1,20,000</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Kanav - 80,000</td> <td>2,00,000</td> <td></td> <td></td> </tr> <tr> <td></td> <td>3,70,000</td> <td></td> <td>3,70,000</td> </tr> </tbody> </table> <p>On the above date, they decided to dissolve the firm. (a) Ashish agreed to take over furniture at ₹ 38,000 and pay off Mrs. Ashish's loan. (b) Debtors realized ₹ 18,500 and plant realized 10% more. (c) Kanav took over 40% of the stock at 20% less than the book value. Remaining stock was sold at a gain of 10%. (d) Trade creditors took over investments in full settlement. (e) Kanav agreed to take over the responsibility of completing dissolution at an agreed remuneration of ₹ 12,000 and to bear realization expenses. Actual expenses of realization amounted to ₹ 8,000. Prepare Realization Account.</p> <p>Or</p> <p>Dipali Ltd. company was registered with an authorized capital of ₹ 20,00,000 divided into 2,00,000 Equity Shares of ₹ 10 each, payable ₹ 3 on application, ₹ 6 on allotment (including ₹ 1 premium) and balance on call. The company offered 80,000 shares for public subscription. All the money has been duly called and received except allotment and call money on 5,000 shares held by Manish and call money on 4,000 shares held by Alok. Manish's shares were forfeited and out of these 3,000 shares were re-issued ₹ 9 per share as fully paid up. Show share capital in the</p>	Liabilities	Amt (₹)	Assets	Amt (₹)	Trade Creditors	42,000	Bank	35,000	Employees Provident Fund	60,000	Stock	24,000	Mrs. Ashish's Loan	9,000	Debtors	19,000	Kanav's Loan	35,000	Furniture	40,000	Workmen's Compensation Fund	20,000	Plant	2,10,000	Investment Fluctuation Reserve	4,000	Investments	32,000			Profit & Loss Account	10,000	Capital's:				Manav - 1,20,000				Kanav - 80,000	2,00,000				3,70,000		3,70,000	3	Understanding and applications
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	books of the company. Also prepare notes to accounts.																																																		
13	<p>I) From the following calculate Trade Receivables Turnover Ratio': Total revenue from operation for the year ₹ 8,40,000 Cash revenue from operations 40% of credit revenue from operations Closing trade receivable ₹ 2,00,000 Excess of closing trade receivables over opening trade receivables ₹ 80,000</p> <p>II) From the following information calculate 'Interest Coverage Ratio': Profit after Interest and Tax ₹ 4,97,000; Rate of Income Tax 30% 12% Debentures ₹ 6,00,000.</p> <p>Or</p> <p>From the information extracted from the statement of Profit & Loss of Guru Ltd for the year ended 31st March 2022 and 31st March 2023, prepare a common size statement of profit & loss:</p> <table border="1"> <thead> <tr> <th>Particulars</th> <th>Note No.</th> <th>2022-23 (₹)</th> <th>2021-22 (₹)</th> </tr> </thead> <tbody> <tr> <td>Revenue from operations</td> <td></td> <td>8,00,000</td> <td>10,00,000</td> </tr> <tr> <td>Gross Profit</td> <td></td> <td>60%</td> <td>70%</td> </tr> <tr> <td>Other Expenses</td> <td></td> <td>2,20,000</td> <td>2,60,000</td> </tr> <tr> <td>Tax Rate</td> <td></td> <td>50%</td> <td>50%</td> </tr> </tbody> </table> <p>OR</p> <p>From the following information, prepare comparative statement of Profit & Loss:</p> <table border="1"> <thead> <tr> <th>Particulars</th> <th>Note No.</th> <th>2022-23(₹)</th> <th>2021-22(₹)</th> </tr> </thead> <tbody> <tr> <td>Revenue from operations</td> <td></td> <td>10,00,000</td> <td>8,00,000</td> </tr> <tr> <td>Other Income</td> <td></td> <td>2,20,000</td> <td>1,50,000</td> </tr> <tr> <td>Cost of materials consumed</td> <td></td> <td>4,00,000</td> <td>3,00,000</td> </tr> <tr> <td>Change in inventories of finished goods & work in progress</td> <td></td> <td>2,00,000</td> <td>1,00,000</td> </tr> <tr> <td>Other Expenses(% of cost of Revenue from Operations)</td> <td></td> <td>15%</td> <td>10%</td> </tr> <tr> <td>Tax Rate</td> <td></td> <td>30%</td> <td>30%</td> </tr> </tbody> </table> <p>Or</p> <p>Classify the following items under Major heads and Sub heads (If any) in the balance sheet of a Company as per schedule III of the Companies Act 2013. (i) Loose Tools (iii) Provision for Retirement benefits (v) Capital advances (ii) Loan repayable on demand (iv) Pre-paid Insurance (vi) Shares in Listed Companies</p>	Particulars	Note No.	2022-23 (₹)	2021-22 (₹)	Revenue from operations		8,00,000	10,00,000	Gross Profit		60%	70%	Other Expenses		2,20,000	2,60,000	Tax Rate		50%	50%	Particulars	Note No.	2022-23(₹)	2021-22(₹)	Revenue from operations		10,00,000	8,00,000	Other Income		2,20,000	1,50,000	Cost of materials consumed		4,00,000	3,00,000	Change in inventories of finished goods & work in progress		2,00,000	1,00,000	Other Expenses(% of cost of Revenue from Operations)		15%	10%	Tax Rate		30%	30%	4	Understanding
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14	<p>Gaurav, Maheep and Deep were partners in a firm sharing profits in the ratio of 2: 2: 1. The firm closes its books on 31st March every year. On 30th June, 2020 Maheep died. The partnership deed provided that on the death of a partner his executors will be entitled to the following: (a) Balance in his capital account which amounted to ₹ 1,15,000 and interest on capital till date of death which amounted to ₹ 5,000. (b) His share in the profits of the firm till the date of his death amounted to ₹ 20,000. (c) His share in the goodwill of the firm. The goodwill of the firm on Maheep's death was valued at ₹ 1,50,000. (d) Loan to Maheep amounted to ₹ 20,000. It was agreed that the amount will be paid to his executor in three equal yearly instalments with interest @ 10% p.a. The first instalment was to be paid on 30.06.2021. Calculate the amount to be transferred to Maheep's executors Account and prepare the executor's account till it is finally settled.</p> <p>Or</p> <p>A) Chandra India Ltd. purchased machinery from Bindu India Ltd. Payment to Bindu India Ltd. was made as follows : i) By issuing 10,000 equity shares of ₹ 10 each at a premium of 20%. ii) By issuing 1000, 9% debentures of ₹ 100 each at a discount of 5%. iii) Balance by giving a bank draft of ₹ 37,000. Pass necessary journal entries in the books of Chandra India Ltd. for the purchase of machinery and payment to Bindu India Ltd. (B) On April 1, 2019</p>	4	Knowledge																																																

	Z Ltd. issued, 10,000, 8% Debentures of ₹ 100 each at premium of 5%, to be redeemable at a premium of 10%, after 5 years. The entire amount was payable on application. The issue was oversubscribed to the extent of 10,000 debentures and the allotment was made proportionately to all the applicants. The securities premium amount as not been utilized for any other purpose during the year. Give journal entries for the issue of debenture.																																										
15	<p>Application for 100,000 shares were received. Application for 10,000 shares were rejected and Application money was refunded. Shares were allotted on pro-rata basis to the remaining applicants. Excess application money received from applicants to whom shares were allotted on pro-rata basis was adjusted towards sums due on first and final call. All calls were made and were duly received except the first and final call money from Kumar who had applied for 1,800 shares. His shares were forfeited. The forfeited shares were re- issued at ₹ 9 per share fully paid-up. Pass necessary journal entries for the above transactions in the books of Guru Limited</p> <p>Or</p> <p>EF Ltd. invited applications for issuing 80,000 equity shares of ₹ 50 each at a premium of 20%. The amount was payable as follows: On Application : ₹ 20 per share (including premium ₹ 5) On Allotment: ₹ 15 per share (including premium ₹ 5) On First Call ₹ 15 per share On Second and Final Call Balance amount Applications for 120,000 shares were received. Applications for 20,000 shares were rejected and pro-rata allotment was made to the remaining applicants. Seema holding 4,000 shares failed to pay the allotment money. Afterwards the first call was made. Seema paid allotment money along with the first call. Sahaj, who had applied for 2,500 shares failed to pay the first call money Sahaj's shares were forfeited and subsequently reissued to Geeta for ₹ 60 per share, ₹ 50 per share paid up. Final call was not made. Pass necessary journal entries for the above transactions in the books of EF Ltd. by opening calls-in-arrear.</p>	4	Application and computation																																								
16	<p>Kavya and Aman were partners in a firm and were sharing profits in 1 ratio, On 31.3.2119, their balance sheet:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Liabilities</th> <th style="width: 15%;">Amt (₹)</th> <th style="width: 30%;">Assets</th> <th style="width: 15%;">Amt (₹)</th> </tr> </thead> <tbody> <tr> <td>Provision for Bad Debts</td> <td style="text-align: right;">7,000</td> <td>Bank</td> <td style="text-align: right;">24,000</td> </tr> <tr> <td>Outstanding Expenses</td> <td style="text-align: right;">18,000</td> <td>Sundry Debtors</td> <td style="text-align: right;">80,000</td> </tr> <tr> <td>Bills Payable</td> <td style="text-align: right;">47,000</td> <td>Stock</td> <td style="text-align: right;">95,000</td> </tr> <tr> <td>Sundry Creditors</td> <td style="text-align: right;">1,02,000</td> <td>Furniture</td> <td style="text-align: right;">14,000</td> </tr> <tr> <td>Workmen Compensation Reserve</td> <td style="text-align: right;">55,000</td> <td>Machinery</td> <td style="text-align: right;">70,000</td> </tr> <tr> <td>Capital's</td> <td></td> <td>Land & Building</td> <td style="text-align: right;">2,00,000</td> </tr> <tr> <td> Kavya - 3,00,000</td> <td></td> <td>Motor Car</td> <td style="text-align: right;">1,96,000</td> </tr> <tr> <td> Aman - 1,50,000</td> <td style="text-align: right;">4,50,000</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;">6,79,000</td> <td></td> <td style="text-align: right;">6,79,000</td> </tr> </tbody> </table> <p>On the above date, Raman was admitted as a new partner for 1/5th share in the profits on the following conditions. (i) Raman will bring ₹ 2,00,000 as her capital and necessary amount for his share of goodwill premium The goodwill of the firm on Raman's admission was valued at ₹ 1,00,000 (ii) Outstanding expenses will be paid off. ₹ 5,000 will be written off as bad debts and a provision of 5% for bad debts on debtors was to be maintained. (iii) The liability towards workmen compensation was estimated at ₹ 60,000. (iv) Machinery was to be depreciated by ₹ 18,000 and Land and Building was to be depreciated by ₹ 54,000. Pass necessary journal entries for the above transactions in the books</p>	Liabilities	Amt (₹)	Assets	Amt (₹)	Provision for Bad Debts	7,000	Bank	24,000	Outstanding Expenses	18,000	Sundry Debtors	80,000	Bills Payable	47,000	Stock	95,000	Sundry Creditors	1,02,000	Furniture	14,000	Workmen Compensation Reserve	55,000	Machinery	70,000	Capital's		Land & Building	2,00,000	Kavya - 3,00,000		Motor Car	1,96,000	Aman - 1,50,000	4,50,000				6,79,000		6,79,000	6	Knowledge and application
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of the firm.

Or

A, B and C were partners in a firm. Their balance sheet as at 31 March, 2023 was as follows: Balance Sheet of A, B and C as at 31st March, 2023

Liabilities	Amt (₹)	Assets	Amt (₹)
General Reserve	30,000	Bank	20,000
Bill payable	20,000	Furniture	28,000
Creditors	40,000	Stock	20,000
Workman Compensation Reserve	6,000	Debtors	45,000
Capitals:		Less: Prov. for DD (5,000)	40,000
A - 60,000		Land and Building	1,20,000
B - 40,000			
C - 32,000	1,32,000		
	2,28,000		2,28,000

B retired on 1st April, 2023. A and C decided to share profits in the ratio of 2:1. The following terms were agreed upon:

- Goodwill of the firm was valued at ₹ 30,000.
- Bad-debts ₹ 4,000 were written off. The provision for doubtful debts was to be maintained 10% on debtors .
- Land and building was to be increased to ₹ 1, 32,000.
- Furniture was sold for ₹ 20,000 and the payment was received by Cheque.
- Liability towards Workmen Compensation was estimated at ₹ 1,500. f) B was to be paid ₹ 20,000 through a cheque and the balance was transferred to his loan account.

Prepare Revaluation Account, Partner's Capital Account and Bank Account.

17

Prepare a Cash Flow Statement from the following Balance Sheets of Arya Ltd.:

Particulars	Note	31.3.2023 (₹)	31.3.2022 (₹)
I. Equity and Liabilities:			
(1) Shareholders' Funds:			
a) Share Capital		10,00,000	8,00,000
b) Reserves and Surplus	1	6,40,000	5,40,000
(2) Non-Current Liabilities:			
Long-term Borrowings	2	1,50,000	1,00,000
(3) Current Liabilities:			
a) Trade Payables		30,000	12,000
b) Short-term Provisions	3	30,000	28,000
Total		18,50,000	14,80,000
II. Assets:			
(1) Non-Current Assets:			
a) Property, Plant and equipment and intangible assets	4	7,75,000	4,90,000
b) Non-current Investments		90,000	50,000
(2) Current Assets			
a) Inventory		6,20,000	4,13,000
b) Trade receivables		3,20,000	4,94,000
c) Cash & Cash Equivalents		45,000	33,000
Total		18,50,000	14,80,000

Notes to Accounts:

Particulars	31.3.2023 (₹)	31.3.2022 (₹)
1. Reserves & Surplus:		
General Reserve	5,00,000	4,30,000
Capital Reserve	60,000	50,000
Surplus i.e. balance in statement of Profit & Loss	80,000	60,000
	6,40,000	5,40,000
2. Long-term Borrowings:		
10% Debentures	1,50,000	1,00,000
3. Short-term Provisions:		
Provision for tax	30,000	28,000
4. Tangible Assets:		
Plant and Machinery	7,75,000	4,90,000

6

Knowledge and computation

	<p>Additional Information:</p> <p>a) Tax provided during the year is ₹ 17,000.</p> <p>b) Depreciation charged on plant and Machinery during the year amounted to ₹ 1, 20,000.</p> <p>c) Non-current Investments costing ₹ 30,000 were sold for ₹ 40,000 during the year. Gain on sale of Investments was credited to Capital Reserve.</p> <p>d) Additional Debentures were issued on 31.03.2023</p>		
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ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
WORKSHEET (SELF –ASSESSMENT)

Subject: Business Studies

Assignment No. : 7

Allotment Date: 31 December 2024

S. NO.	QUESTIONS	MARKS	NATURE
1.	<p>Assertion (A): Coordination is the essence of management. Reason (R): Coordination is required at all levels and through all functions of management. Choose one of the correct Options given below: (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 correct explanation of Assertion (A). (c) Assertion (A) is true but Reason (R) is false. (d) Assertion (A) is false but Reason (R) is true.</p> <p>Or</p> <p>Which of the following is a feature of demonetization? (a) Tax administration measure (b) Channelizing savings into the formal financial system (c) Development of less-cash economy (d) All of the above</p>	1	Understanding
2.	<p>Identify the dimension of business environment given in the picture below:</p>  <p>(a) Social Dimension (b) Economic Dimension (c) Technological Dimension (d) Legal Dimension</p>	1	Knowledge
3.	<p>The forces in Business Environment that affect all the business houses are known as (a) General (b) Specific (c) Particular (d) Influential</p> <p>Or</p> <p>Identify the environment factor which requires that advertisement of baby food must inform the potential buyers that mother's milk is best (a) Social Environment (b) Technological Environment (c) Legal Environment (d) Economic Environment</p>	1	understanding
4.	<p>A consumer durable company presently employing 8,000 people, desirous to diversify its business in furniture segment. To achieve its objective, it has started shifting from a centralised to a decentralized management system. Identify the management function being performed by the company to become a decentralized company. (a)</p>	1	Application

	<p>Planning (b) Organising (c) Staffing (d) Directing</p> <p>Or</p> <p>Ram was given a task by his superior to prepare a plan in 15 days. He asked two of his subordinates to work upon two aspects of his task. One of the subordinate met with an accident and could not complete his work. Who is answerable for this task? (a) Ram is accountable (b) Ram's subordinate is responsible (c) Ram's superior is responsible (d) None of them is responsible.</p>		
5.	<p>Which one of the following is not a step of controlling process (a) Measurement of actual performance (b) Analyzing deviations (c) Evaluating alternative course of action (d) Taking corrective action</p>	1	Knowledge
6.	<p>Assertion (A): A long term investment decision is very crucial for any business. Reason (R): long term investment decisions affect earning capacity of the business in the long run. Choose one of the correct alternatives given below: (a) Both Assertion (A) and Reason (R) are true, but Reason(R) is not the correct explanation of Assertion (A). (b) Both Assertion (A) and Reason (R) are true, and Reason(R) is the correct explanation of Assertion (A). (c) Assertion (A) is true, but Reason (R) is false. (d) Assertion (A) is false, but Reason (R) is true.</p> <p>Or</p> <p>Statement I: Money market deals in assets with maturity period upto 12 months. Statement II: money market is a secondary market. Choose the correct option from the following: (a) Statement I is true and II is false (b) Statement II is true and I is false (c) Both the statements are true (d) Both the statements are false</p>	1	Knowledge
7.	<p>The process of holding shares in electronic form is known as (a) Demutualization (b) Dematerialization (c) Speculation (d) None of the above</p> <p>Or</p> <p>Identify the correct sequence of steps to be followed in the trading procedure at Stock Exchange: (a) Opening a trading account and Demat account, Placing an order, Settlement of order, Execution of order (b) Settlement of order, Opening a trading account and Demat account, Placing an order, Execution of order (c) Opening a trading account and Demat account, Placing an order, Execution of order, Settlement of order (d) Placing an order, Opening a trading account and Demat account, Execution of order, Settlement of order</p>	1	Analyzing
8.	<p>Assertion (A): Fee to a doctor for his medical advice represents the price. Reason (R): Price may be defined as the amount of money paid by a buyer in consideration of the purchase of a product or a service. Choose one of the correct alternatives given below: (a) Both Assertion (A) and Reason (R) are true, but Reason(R) is not the correct explanation of Assertion (A). (b) Both Assertion (A) and Reason (R) are true, and Reason(R) is the correct explanation of Assertion (A). (c) Assertion (A) is true, but Reason (R) is false. (d) Assertion (A) is false, but Reason (R) is true.</p>	1	Knowledge
9.	<p>Identify the element of promotion mix in the following statement: "Paid form of non-personal presentation and promotion of ideas, goods or services by an identified sponsor." (a) Personal selling (b) Sales promotion (c) Public relation (d) Advertising</p> <p>Or</p> <p>In order to get feedback about its recently launched immunity boosting ayurvedic medicine, Amrit limited conducted an online survey using a questionnaire, to gather customer views and opinions. Identify the marketing function being used by Amrit Limited: (a) Standardization (b) Product Designing (c) Customer</p>	1	Understanding

	support service (d) Gathering and analyzing market information										
10.	<p>Match the following elements of marketing –mix along with the function performed by it.</p> <table border="1"> <tr> <td>a. Price Mix</td> <td>1.Safety and attraction</td> </tr> <tr> <td>b. Promotion Mix</td> <td>2. Availability</td> </tr> <tr> <td>c. Place Mix</td> <td>3.Information</td> </tr> <tr> <td>d. Product mix</td> <td>4.Affordability</td> </tr> </table> <p>(i) a-2 b-4 c-1 d-3 (ii) a-3 b-1 c-4 d-2 (iii) a-4 b-3 c-2 d-1 (iv) a-1 b-2 c-4 d-3</p>	a. Price Mix	1.Safety and attraction	b. Promotion Mix	2. Availability	c. Place Mix	3.Information	d. Product mix	4.Affordability	1	Knowledge
a. Price Mix	1.Safety and attraction										
b. Promotion Mix	2. Availability										
c. Place Mix	3.Information										
d. Product mix	4.Affordability										
11.	<p>PQR Ltd. is engaged in manufacturing machine components. The target production is 200 units per day. The company had been successfully attaining this target until two months ago. Over the last two months, it has been observed that daily production varies between 150-170 units. Identify the management function to rectify the above situation. Briefly state the procedure to be followed so that the actual production may come up to the target production.</p> <p>Or</p> <p>Name the methods of recruitment in the following cases: 1) A company gets applications on and off even without declaring any vacancy. However, as and when the vacancy arises, the company makes use of such applications. 2) Casual vacancies of unskilled or semi-skilled jobs when there is a rush of order or when some permanent workers are absent. 3) Recruitment by which most of the senior positions of the industry as well as commerce are filled.</p>	3	Understanding and analyzing								
12.	<p>Distinguish between Primary market and secondary Market on the following basis:- (a) Issued by (b) Capital formation (c) Types of securities</p> <p>OR</p> <p>Identify the type of function of SEBI in the following cases: 1. Raman was unwilling to buy shares in the stock market as he was told by someone that stock market is a place where various malpractices take place. He decides to discuss the matter with his friend who explains to him how SEBI takes care of the interests of the investors. 2. Punit wants to become a stock broker. When he approaches people and asks them to get started as investor through him they ask for a certificate which the SEBI must have given him. He becomes aware of the fact that in order to function as a stock broker he will have to get registered with SEBI. 3. Kavita Steels already has issued shares in the stock market and is a well-known name among the people. Recently it issued shares but had to go through the proper audition process and thorough inspection about the various requirements to be fulfilled as an issuer.</p>	3	Understanding and knowledge								
13.	<p>What is leadership? Briefly explain the leadership styles</p> <p>OR</p> <p>Tanu is working in a multinational company. Her performance is appreciated by everyone in the company. As an incentive, the company offered her to buy the shares of the company at a price that is less than the market price. (a) Write the Name and type of the incentive offered to Tanu. (b) State any two more incentives of the same type.</p> <p>Or</p> <p>'The barriers to effective communication exist in all organisations to a greater or lesser degree. Organisations keen on developing effective communication should adopt suitable measures to overcome the barriers and improve communication effectiveness' in the light of the above statement suggest any four measures to improve effectiveness of communication.</p>	4	Remembering								

14.	It is one of the decision of financial management that involve how much profit earned by the company after paying interest and Taxes should be distributed among shareholders and how much of it should be retained in the business. A. Identify that financial decision. B. Explain any three factors which will be considered at the time of taking financial decision identified in (A).	4	Analyzing and application
15.	A company needs special kind of raw material which is imported from Japan and time gap between order placement and delivery is two months. 1. How does it affect the requirement of working capital? 2. State any three others factors affecting working capital.	4	Understanding
16.	Explain any three of the following principles of management given by Henry Fayol: (i) Principle of Scalar Chain (ii) Principle of Initiative (iii) Principle of Discipline (iv) Principle of Order OR Radhika opens a Jewellery Showroom in Jaipur after completing a course in jewelry designing. She has employed eleven persons in her showroom. For greater productivity, she divides the work into small tasks and each employee is trained to perform his/her specialized job. The sales persons are allowed to close a deal with a buyer by giving a maximum of 10% discount, whereas the decision to given any further discount rests with Radhika as the final authority. In the earlier days of starting of the business, five of her employees were asked to put in extra hours of work. In return she had promised to give them a special incentive within a year. Therefore, after six months when the business was doing well, she awarded a cash bonus to each of these employees to honour her commitment. However, when it comes to setting the conflicts among her employees, she tends to be more biased towards her female employees. In context of the above case: 1. Identify and explain the various principles of management that are being applied by Radhika by quoting lines from the paragraph. 2. Identify and explain the principle of management which is being violated by Radhika by quoting lines from the paragraph. 3. State any one effect of the violation of the principle of management by Radhika as identified in part (b) of the question.	6	HOTS
17.	Dinesh is working as a purchase manager in a power sector company. All his subordinates hold him in high regard for his exceptional managerial skills. On one hand, as a manager, he is a tough task master and expects strict compliance to the organizational rules and procedures from his subordinates. On the other hand, he makes conscious efforts to develop rapport with his subordinates by interacting freely with them during the lunch breaks I the cafeteria. Many a times these chit chats help him to get an insight into the views and opinions of his team members about the policies of the organization. In the context of the case: 1. Identify and explain the two types of organizations have been discussed. 2. State any four differences between the types of organizations as identified in part (1) of the question. Or Anil is planning to start a company manufacturing room fresheners. He intends to use natural fruit extracts for adding fragrance to them. He estimates an investment of Rs. 20 crores to set up the factory. As it is difficult for him to raise the entire capital amount alone, he gives a partnership offer to his school friend, Jatin who is an angel investor. Jatin, after being convinced about the feasibility of the	6	Remembering

	<p>project, accepts his offer. Jatin tells Anil that they should also focus on other important decisions related to the product 'room fresheners' besides deciding about its features, variety and quality. Branding is one of the important such decision. In the context of above case:</p> <ol style="list-style-type: none">1. Name any other two important decisions related to a product.2. Why is branding considered as an important function by the marketers? Give any one reason in support of your answer.3. State any four features of a good brand name.		
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ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
WORKSHEET (SELF –ASSESSMENT)

Subject: Economics

Assignment No. : 7

Allotment Date: 31 December 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	Rate of which tax was reduced as per the tax reforms: (a) Income tax (b) Corporation tax (c) VAT (d) Property tax	1	Information
2	Financial sector reforms mainly relate to: (a) Banking sector (b) Insurance sector (c) Both (a) and (b) (d) Stock market	1	Understanding
3	Give the full form of GATT.	1	HOT
4	India has not been able to achieve 100% literacy even till today.(True/False)	1	Interdisciplinary
5	We differentiate between economic activity and production activity to calculate the number of workers. (True/False)	1	Analytical Skill
6	If the borrowings of the government are Rs.1500 crores and interest payment is Rs.300 crores. How much is the fiscal deficit?	1	Critical Thinking and Problem Solving
7	SGST stands for_____.	1	Evaluation
8	In a Government budget, primary deficit is Rs. 10000 crores and interest payment is Rs. 8000 crores. How much is the fiscal deficit?	1	Evaluation Skill

9	_____ is tangible and can be easily sold in the market.	1	Analytical Skill
10	_____ was launched in 2001 to universalise and improve the quality of Elementary Education in India.	1	Interdisciplinary
11	“Introduction of ATM outlets has brought about wasteful expenditure.” Justify/Refute	3	Communication Skills
12	Investment in an economy increases by Rs. 1000 crores. Suppose MPS is zero. What can you say about increase in national income? Calculate.	3	Critical Thinking and Problem solving
13	Explain the role of “Open market operations” in reducing money supply.	4	Hot/Applications
14	Explain the principal role of human capital formation in accelerating the rate of economic growth.	4	Understanding/Analyse
15	In an economy, investment increases by Rs. 120 crores. The value of investment multiplier is 4. Calculate the MPC.	4	HOT
16	The savings function of an economy is $S = (-)200 + 0.25Y$. The economy is in equilibrium when income is equal to Rs. 2000. Calculate	6	Critical Thinking and Problem solving
17	Give the meaning of foreign exchange and foreign exchange rate. Giving reasons, explain the relation between foreign exchange rate and demand for foreign exchange.	6	Evaluation

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ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
WORKSHEET (SELF –ASSESSMENT)

Subject: History

Assignment No. : 7

Allotment Date: 31 December 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	<p style="text-align: center;">Part- A</p> <p><i>Answer the following very short type questions:</i></p> <p>(i) 'My Archaeological Mission to India and Pakistan' was written by (a) John Marshal (b) R.E.M Wheeler (c) Alexender Cunningham (d) Howard Carter</p> <p>(ii) According to scholars, which site in Harappan civilisation has provided evidence of 700 wells? (a) Harappa (b) Mohenjodaro (c) Kotdiji (d) Kalibangan</p> <p>(iii) Which of these was a luxury object? (a) Sickle (b) Queen stones (c) Pots of Faience (d) All of the above.</p> <p>(iv) Choose the correct option: - Assertion (A): The agricultural productivity of the Harappans was much better. Reason (R): They used ploughs made of iron. (a) Both statement (A) and reason (R) are true and reason explains the statement correctly. (b) Both statement (A) and reason (R) are true but reason does not explain the statement. (c) Statement (A) is false but Reason (R) is true. (d) Reason (R) is false but statement (A) is true.</p> <p>(v) The Jatakas were written in- (a) Sanskrit (b) Pali (c) Prakrit (d) Tamil</p>	(10x1=10)	Informative and Understanding

	<p>(vi) Choose the correct option: - Assertion (A): The agricultural productivity of the Harappans was much better. Reason (R): They used ploughs made of iron. (a) Both statement (A) and reason (R) are true and reason explains the statement correctly. (b) Both statement (A) and reason (R) are true but reason does not explain the statement. (c) Statement (A) is false but Reason (R) is true. (d) Reason (R) is false but statement (A) is true.</p> <p>(vii) The Harshacharita is a biography of Harshavardhana, the ruler of Kanauj, composed in Sanskrit by his court poet- (a) Banabhatta (b) Harishen (c) Chakradasa (d) Ashvaghosh</p> <p>(viii) The Prayaga Prashasti (also known as the Allahabad Pillar Inscription) was composed in Sanskrit by Harishena. Harishena was the court poet of which of the following kings? (a) King Samudragupta (b) King Ashoka (c) King Chandra Gupta Maurya (d) King Kanishka</p> <p>(ix) "Be lamps unto yourselves as all of you must work out your own liberation", were the last words of? (a) Mahavira (b) AjitaKesakambalin (c) Gautam Budhha (d) MakkhaliGosala</p> <p>(x) According to popular belief, the woman whose touch caused trees to flower and bear fruit was- (a) Shalabhanjika (b) MahapajapatiGotami (c) Gajalakshmi (d) Kamalavati</p>		
2	Part- B	3	Evaluating
	<p><i>Answer the following questions in short:</i></p> <p>What do you think were the advantages and disadvantages of enclosing agricultural land within the fortified area of the city?</p>		
3	Evaluate the importance of Amar Nayaka System in emergence of Vijayanagara Empire.	3	Evaluating
4	What were the important functions of the panchayat in the Mughal Era?	3	Understanding
5	Why Ain-i-Akbari remains important even today?	3	Analytical

6	<p>What do visual representations tell us about the revolt of 1857? How do historians analyse these representation?</p> <p style="text-align: center;">OR</p> <p>Describe the aim and the programmes of the Civil Disobedience Movement launched under Gandhiji and the sections of the society which participated in it.</p>	8	Informative & Evaluating
7	<p style="text-align: center;">Part- C</p> <p>Read the passage and answer the questions that follow:</p> <p>Rumours and prophecies played a part in moving people to action. The Sepoys who had arrived in Delhi from Meerut had told Bahadur Shah about the bullets coated with the fat of cow and pigs and that biting those bullets would corrupt their caste and religion. They were referring to the cartridges of the Enfield Rifles that had just been given to them. The British tried to explain to the Sepoys that this was not the case but the rumour of greased cartridge spread like wild fire across the Sepoy lines of North India.</p> <p>(a) Why did the Sepoys marched to Delhi from Meerut?</p> <p>(b) On which date did the Revolt of 1857 spark from Meerut?</p> <p>(c) How did the rumour of greased cartridges spread like wild fire across the cantonments?</p>	2+1+2=5	Application & Critical Analysis
6	<p style="text-align: center;">PART-D</p> <p style="text-align: center;">(Map Question)</p> <p>On the given political map of India mark and name any five places where the Indian National Congress sessions took place between 1919-1940</p>	5	



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
WORKSHEET (SELF –ASSESSMENT)

Subject: Political Science


Assignment No. : 7

Allotment Date: 31 December 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	<p>Objective Type Questions:</p> <p>(i) Whom would you like to identify the slogan 'Jai Jawan, Jai Kisan' with?</p> <p>(A) Indira Gandhi</p> <p>(B) Syndicate</p> <p>(C) Lal Bahadur Shastri</p> <p>(D) Nehru</p> <p>(ii) Prime Minister Jawahar Lal Nehru passed away in May:</p> <p>(A) 1954</p> <p>(B) 1964</p> <p>(C) 1974</p> <p>(D) 1984</p> <p>(iii) was unanimously chosen as the leader of the Congress Parliamentary Party after the death of Nehru.</p> <p>(A) Indira Gandhi</p> <p>(B) Lal Bahadur Shastri</p>	(10x1=10)	Information

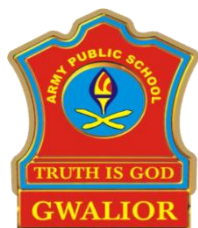
<p>(C) Morarji Desai</p> <p>(D) Natarajan Annadurai</p> <p>(iv) The Grand Alliance of opposition of 1971 :</p> <p>(A) got a combined tally of seats that was less than 40.</p> <p>(B) had a clear ideological programme.</p> <p>(C) had a grand finish in the 1970 elections.</p> <p>(D) proved to be a great success.</p> <p>(v) Why the results of general elections 1967 were called 'political earthquake'?</p> <p>(A) Because congress lost all the seats</p> <p>(B) The elections were not at all successful</p> <p>(C) The popularity of Congress had reduced by a large scale</p> <p>(D) None of the above</p> <p>(vi) The Shah Commission was headed by:</p> <p>(A)Justice K C Shah</p> <p>(B) Justice J C Shah</p> <p>(C) Justice M C Shah</p> <p>(D) Justice D C Shah</p> <p>(vii) State which of the following statements about emergency is incorrect:</p> <p>(A) It was declared in 1975 by Indira Gandhi.</p> <p>(B) It led to the suspension of all fundamental rights.</p> <p>(C) It was proclaimed due to the deteriorating economic conditions.</p> <p>(D) Many opposition leaders were arrested during the Emergency.</p>		
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	<p>(viii) When did the Students' Movements start in Gujarat?</p> <p>(A) 1974</p> <p>(B) 1970</p> <p>(C) 1980</p> <p>(D) 1988</p> <p>(ix) Who organised a nationwide Satyagraha forcing Indira Gandhi to resign?</p> <p>(A) Atal Bihari Vajpayee</p> <p>(B) Jay Prakash Narayan</p> <p>(C) Lal Bahadur Sashtri</p> <p>(D) None of the above</p> <p>(x) What was the philosophy presented by Pandit Deendayal Upadhyaya called?</p> <p>(A) Integral Humanism</p> <p>(B) Liberal Humanism</p> <p>(C) One World One Nation</p> <p>(D) None of the above</p>		
2	Clarify "Garibi Hatao" Programme?	2	Understanding
3	What factors were responsible for the revival of the Congress Party in India in 1971?	4	Understanding
4	In what way did the imposition of Emergency affect the party system in India? Elaborate your answer with examples.	4	HOT
5	The Shah Commission was appointed in 1977, the Janata Party Government. Why was it appointed and what were its findings?	4	Understanding
6	Read the following excerpt and answer the questions that follows:	(2+1+2=5)	Analytical

	<p>In 1967 a peasant uprising took place in the Naxalbari police station area of Darjeeling hills district in West Bengal under the leadership of the local cadres of the Communist Party of India (Marxist). Beginning from the Naxalbari police station, the peasant movement spread to several states of India and came to be referred broadly as the Naxalite Movement. In 1969, they broke off from the CPI (M) and a new party, Communist Party (Marxist-Leninist) (CPI-ML), was formed under the leadership of Charu Majumdar. It argued that democracy in India was a sham and decided to adopt a strategy of protracted guerrilla warfare in order to lead to a revolution. Currently, about 75 districts in nine States are affected by Naxalite violence. Most of these are very backward areas inhabited by Adivasis.</p> <p>a) In which area peasant uprising took place in 1967? What was this peasant movement called later?</p> <p>b) Which party was formed under the leadership of Charu Majumdar?</p> <p>c) How many states are currently affected by the Naxalite Movement?</p>		
7	<p>Study the cartoon carefully and give the answers to the question that follows:</p>  <p>(i) What does this picture depict?</p> <p>(A) Military rule as the only solution to the problems of the country</p> <p>(B) Democracy cannot go parallel with military</p>	(5x1=5)	Analytical

	<p>rule</p> <p>(C) Politicians supporting military rule</p> <p>(D) None of the above</p> <p>(ii) Choose the correct option of the following to save democracy.</p> <p>(A) At times military rule should be imposed to curb the violent crisis</p> <p>(B) By focusing more on people's fundamental rights, with the strong opposition in the parliament as well as in legislative assembly against the undemocratic practices</p> <p>(C) By giving complete power to the President of the country</p> <p>(D) All of the above</p> <p>(iii) What are the problems faced by the democratic government?</p> <p>(A) Corruption and inefficiency, role of antisocial elements, growing economic and social inequalities, casteism and communalism</p> <p>(B) Pressure from the non-democratic powerful nations to restrict the democratic rights of the citizens</p> <p>(C) Pressure from the communist parties within the nation to impose socialism to eradicate the differences of economic distribution</p> <p>(D) People despite of the differences, united and protesting against governments against the</p>		
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	<p>laws passed by them</p> <p>(iv) Military rule and democracy can't work together:</p> <p>(A) because both give unnecessary freedom to people.</p> <p>(B) because military and politicians keep on creating disputes for the nation.</p> <p>(C) because, military rule imposes such restrictions wherein people's fundamental rights are curbed.</p> <p>(D) none of the above</p> <p>(v) How is democracy is better than military rule? Give a reason.</p>		
<p>8</p>	<p>Why was an emergency declare in India on 25th June 1975? How far was the imposition of this emergency justified? Support your answer with any three suitable arguments.</p> <p style="text-align: center;">OR</p> <p>Discuss the conflict between the Judiciary, Executive and Legislature before the declaration of emergency.</p>	<p>6</p>	<p>HOT & Evaluating</p>



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
WORKSHEET (SELF –ASSESSMENT)

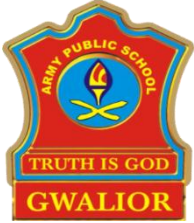
Subject: Painting

Assignment No. : 7

Allotment Date: 31 December 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	<p>A. In which medium the Rajasthani miniature paintings are made?</p> <ol style="list-style-type: none">I. Pastel coloursII. Water coloursIII. Acrylic coloursIV. Oil colours <p>B. Kangra painting is a part of:</p> <ol style="list-style-type: none">I. Pahari schoolII. Mughal schoolIII. Rajasthani schoolIV. Deccan School <p>C. Mention the title of painting done by painter Nihal Chand of the Rajasthani School?</p> <ol style="list-style-type: none">I. RadhaII. Krishna lifting mountainIII. Krishna with GopiesIV. MaruRagini <p>D. On which mythological book, the famous miniature painting Bharat Meets Rama at Chitrakuta is based?</p> <ol style="list-style-type: none">I. RamayanaII. GuruvaniIII. RasikpriyaIV. GeetGovinda <p>E. In which its sub school the famous miniature painting of the Deccan school 'Chand Bibi playing Polo' is made:</p> <ol style="list-style-type: none">I. Bijapur Sub SchoolII. Gol Konda Sub SchoolIII. Ahmadnagar Sub schoolIV. Hyderabad Sub school <p>F. Mention the title of the miniature painting done by the Miskin Painter of the Mughal school:</p> <ol style="list-style-type: none">I. Ragini Pat-hansikaII. Chaghan PlayersIII. Krishna Lifting the Mount GovardhanaIV. Marriage Procession of Dara Shiroh	1*6=6	Information

2	Evaluate the compositional arrangement of any three of the following in short:(30 words) I. Evaluate the aesthetic grandeur of the Deccan school paintings. II. HazaratNizamuddinAuliya and Amir Khusro	2*3=6	Evaluation
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. AnupamSud	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 2024-25
WORKSHEET (SELF –ASSESSMENT)



Subject: Psychology

Assignment No. : 7

Allotment Date: 31 December 2024

S. NO.	Questions	MARKS	NATURE
1	<p>Mir had no recollection of the bicycle he received as a gift on his tenth birthday. But when Nita reminded him about the same, he was able to recall it. This is because memories of his birthday were lying in the _____ level.</p> <p>(a) Unconscious (b) Preconscious (c) Conscious (d) Superconscious</p>	1	Information
2	<p>_____ personality is characterized by proneness to depression.</p> <p>(a) Type- A (b) Type- B (c) Type- C (d) Type- D</p>	1	Information
3	<p>Anupam lacks patience, exhibits high motivation, feels burdened with work and always seems to be in a hurry. He needs to take care of himself as such people are prone to ailments like:</p> <p>(a) Cancer (b) Depression (c) Coronary Heart Disease (d) None of the above</p>	1	Knowledge

4	<p>_____ is a way of reducing anxiety by distorting reality.</p> <p>(a) Superego (b) Defence Mechanism (c) Conscientiousness (d) None of these</p>	1	Knowledge
5	<p>According to the Indian approach, personality is a combination of _____ Gunas.</p> <p>(a) 2 (b) 3 (C) 4 (d) None</p>	1	Information
6	<p>The notion of _____ is based on Bandura's social learning theory.</p> <p>(a) Self-esteem (b) Self-efficacy (c) Self-regulation (d) self-cognition</p>	1	Understanding
7	<p>_____ seeks to satisfy an individual's instinctual needs in accordance with reality.</p> <p>(a) Id (b) Ego (c) Superego (d) Libido</p>	1	Understanding
8.	<p>For most behaviorists, the structural unit of personality is the _____.</p> <p>(a) Response (b) Stimuli (C) Archetypes</p>	1	Information

	(D) Emotion		
9	In _____ a person defends against anxiety by adopting behaviours opposite to her/his true feelings. (a) Reaction formation (b) Rationalization (C) Repression (d) Regression	1	Knowledge
10.	Archetypes can be found in_____. (a) Conscious (b) Preconscious (C) Myths, dreams, arts and positive thinking (D) Gender	1	Information
11	What are the characteristics of Tamas Guna?	1	Understanding
12	What is meant by self actualization?	1	Understanding
13	What do you understand about Type C personality ?	1	Information
14	What is social influence?	2	Information
15	Explain the group processes?	2	Understanding
16	Explain group polarization?	2	understanding
17	How is Karen Horney's view point regarding Women different from that of Freud's?	2	Information
18	What is a trait? Describe Cattells trait theory.	3	Critical thinking
19	Discuss avoidance oriented strategy of coping	3	Understanding
20	Explain the Interactional approach to understand personality.	3	Critical thinking
21	Discuss Erikson concept of identity crisis.	4	Information
22	Describe any two procedures of behavioural analysis.	4	Understanding

23	Explain the importance of therapeutic relationship in psychology	4	Critical thinking
24	DESCRIBE ANY THREE BEHAVIOURAL DISORDERS PREVALENT AMONG CHILDREN	4	UNDERSTANDING
25	Explain how projective techniques assess personality. Which projective test of personality are widely used by Psychologist?	6	Critical thinking
26	Explain the how intelligence is the result of heredity and environment	6	Critical thinking
27	EXPLAIN THE TERM DISSOCIATION. Discuss the various form of dissociation	6	Critical thinking
28	<p>The controversy regarding the number of basic personality traits has taken an interesting turn in recent years. Paul Costa and Robert McCrae have examined all possible personality traits. The findings indicate a set of five factors. They are often called Big Five Factors. These factors include:</p> <p>This five factor model represents an important theoretical development in the field of personality. It has been found useful in understanding the personality profile of people across cultures. While it is consistent with the analysis of personality traits found in different languages, it is also supported by the studies of personality carried out through different methods. Hence, it is now considered to be the most promising empirical approach to the study of personality.</p>		
29	What do you mean by Conscientiousness?	2	Critical thinking
30	Define the characteristics of person who will be high on the scale of agreeableness?	2	Critical thinking



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
WORKSHEET (SELF –ASSESSMENT)

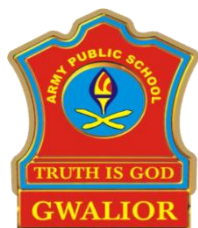
Subject: Physical Education

Assignment No. : 7

Allotment Date: 31 December 2024

S. No.	QUESTIONS	MARKS	NATURE
Part- A	Answer the following questions:	4X2=8	
1.	The Female Athlete Triad includes all of the following components except: a) Disordered eating b) Bone fractures c) Amenorrhea d) Osteoporosis	2	Understanding
2.	The term 'CWSN' stands for: a) Children with Serious Needs b) Children with Special Needs c) Children with Selective Needs d) Children with Sensitive Needs	2	Understanding
3.	What is the primary purpose of sports training? a) Entertainment b) Improving physical performance c) Reducing competition d) Learning new games	2	Knowledge
4.	Which principle of training focuses on gradually increasing the workload? a) Specificity b) Overload c) Progression d) Reversibility	2	Knowledge
Part- B	Answer the following questions in 60 to 90 words:	4X3=12	
1.	Explain Newton's first law of motion with an example from sports.	3	Understanding
2.	Describe anxiety and stress in sports. Suggest strategies to manage them.	3	Application
3.	What is the importance of levers in sports biomechanics?	3	Understanding
4.	Highlight its importance in enhancing performance and	3	Understanding

	preventing injuries.		
Part- C	Answer the following questions in 150 to 180 words	4X5=20	
1.	What are the different types of forces acting on a body in motion? Explain with examples related to sports.	5	Understanding
2.	Explain the concept of personality and its components. How does personality influence sports performance?	5	Understanding
3.	Explain circuit training. Discuss its advantages and suitability for athletes.	5	Knowledge
4.	What is interval training? Describe its types and benefits in sports performance.	5	Analytical



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
WORKSHEET (SELF –ASSESSMENT)

Subject: NCC

Assignment No. : 7

Allotment Date: 31 December 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	In which city the national institute of Disaster Management is situated? a) Kolkata b) New Delhi c) Hyderabad d) Manipur	1	Information
2	Which wave of an earthquake is produced by a rolling effect along the earth's surface? a) L wave b) P wave c) S wave d) None of the above	1	Knowledge
3	How many steps are there in the disaster recovery process? a) 7 b) 4 c) 8 d) 5	1	Information
4	Select the correct full form of ISDR? a) International Sustainable Development Report b) International Strategy for Disaster Reduction c) International Significant Disaster Resources d) Intergovernmental Strategy for Developing Recreation	1	Knowledge
5	Who released the first Disaster Management Plan of India? a) H. D. Deve Gowda b) Atal Bihari Vajpayee c) Manmohan Singh	1	Information

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



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
WORKSHEET (SELF -ASSESSMENT)

Subject: Health and Physical Education

Assignment No. : 7

Allotment Date: 31 December 2024

S.N	QUESTIONS	NATURE	MARKS
1	MCQ A) Which athlete holds the world record in the 100m dash? i) Usain Bolt ii) Carl Lewis iii) Jesse Owens iv) Linford Christie	Understanding)	4×1=4
	B) Which of the following events is a part of the decathlon? i) 100m dash ii) Long jump iii) Shot put iv) All of the above	Informatory	
	C) During sprinting races, what device do you use to start from? i) Track ii) Spring iii) Starting Block iv) Landing Pad	Analytical	

	D) What is the weight of the shot put used in men's track and field? i) 6kg ii) 7.26kg iii) 10kg iv) 12kg	Informaton	
2.	B) Fill In the Blanks: - i. The sport of track and field includes events such as sprints, distance runs, hurdles, and _____.	Informatory	3×1=3
	ii. _____ event involves athletes competing in a series of ten events over two days.	Informatory	
	iii. In _____ year did the first modern Olympic Games take place.	Understanding	
3.	True/False i. United Kingdom hosted the 2012 Summer Olympics. <input type="checkbox"/> True <input type="checkbox"/> False	Understanding	3×1=3
	ii. One of the events in the Olympic Games in ancient Greece was discuss. <input type="checkbox"/> True <input type="checkbox"/> False	Understanding	
	iii. The IAAF World Championships in Athletics have been held since 1983. <input type="checkbox"/> True <input type="checkbox"/> False		



ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
WORKSHEET (SELF –ASSESSMENT)

Subject: Computer Science

Assignment No. : 7

Allotment Date: 31 December 2024

S. No.	Questions	Marks
	Section-A (11 Marks)	
1	In order to open a connection with MySQL database from within Python using mysql.connector package, function is used. a) open() b) database() c) connect() d) connectdb()	1
2	A database controls the connection to an actual database, established from within a Python program. a) database object b) connection object c) fetch object d) query object	1
3	The set of records retrieved after executing an SQL query over an established database connection is called a) table b) sqlresult c) result d) resultset	1
4	A database is a special control structure that facilitates the row by row processing of records in the resultset. a) fetch b) table c) cursor d) query	1
5	Which of the following is not a legal method for fetching records from	1

	<p>database from within Python?</p> <p>a) fetchone() b) fetchtwo() c) fetchall() d) fetchmany()</p>	
6	<p>To obtain all the records retrieved, you may use <cursor>. method.</p> <p>a) fetch() b) fetchmany() c) fetchall() d) fetchmultiple()</p>	1
7	<p>To fetch one record from the resultset, you may use <cursor>. method.</p> <p>a) fetch() b) fetchone() c) fetchtuple() d) none of these</p>	1
8	<p>To fetch multiple records from the resultset, you may use <cursor>. method.</p> <p>a) fetch() b) fetchmany() c) fetchmultiple() d) fetchmore()</p>	1
9	<p>To run an SQL query from within Python, you may use <cursor>. method().</p> <p>a) query() b) execute() c) run() d) all of these</p>	1
10	<p>To reflect the changes made in the database permanently, you need to run <connection>. method.</p> <p>a) done() b) reflect() c) commit() d) final()</p>	1
11	<p>What is the package used for creating a Python database connectivity application.</p> <p>a) Connect.mysql b) Connector.mysql</p>	1

	c) Mysql.connect d) Myqsl.connector	
Q No.	Questions Section-B (8 Marks)	Marks
12	How is database connectivity useful ?	2
13	What is a connection ?	2
14	What is a result set ?	2
15	What is the package used for creating a Python database connectivity application.	2
Q No.	Questions Section-C (12 Marks)	Marks
16	What are the steps to connect to a database from within a Python application ?	3
17	Explain what the following query will do ? import mysql.connector db = mysql.connector.connect(...) cursor = db.cursor() person_id = input("Enter required person id") lastname = input("Enter required lastname") db.execute("INSERT INTO staff (person_id, lastname) VALUES ({}, '{})".format(person_id, lastname)) db.commit() db.close()	3
18	Explain what the following query will do ? import mysql.connector db = mysql.connector.connect(...) cursor = db.cursor() db.execute("SELECT * FROM staff WHERE person_id in {}".format((1, 3, 4))) db.commit() db.close()	3
19	Which method do you use to fetch records from the result set ?	3
S No.	Questions Section-D (4 Marks)	Marks

20	Design a Python application that fetches only those records from Event table of menagerie database where type is Kennel .	4
S No.	Questions Section-E (5 Marks)	Marks
21	Design a Python application that fetches all the records from Pet table of menagerie database.	5

