



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



Subject: English

Allotment Date: 30 November 2024

Assignment no.: 6

S. NO.	QUESTIONS	MARKS	NATURE
1	Your school, Army Public School, Gwalior is going to organise a Diwali Mela. Draft a notice to inform the students about various activities connected with it. Ask them to participate in the Mela. You are Divya/Dewan.	4	Information
2	Read the extract given below and answer the questions that follow. "Bright topaz denizens of a world of green. They do not fear the men beneath the tree; They pace in sleek chivalric certainty. ." (i) Identify the poem and the poet. (ii) Who are 'They'? Where are 'They'? (iii) Why are 'They' not afraid of men? (iv) What did Aunt Jennifer choose to embroider on the panel?	4	Understanding
3	Why is the Englishman's visit referred to us as unexplained mystery?	6	HOT
4	The number of women in the police force seems insufficient especially when we see the increasing involvement of women in terrorist activities. Write an article in 150-200 words for 'The Hindustan Chronicle', on the need of having more women in the police force.	10	Interdisciplinary
5	What peculiar things does Derry notice about the old man, Mr. Lamb?	6	Analytical Skill
6	You are Sruthi/Shira staying at R.K.Puram, Secunderabad. Your locality being away from the main city, the poor bus service adversely affects the life of residents. Write a letter to; the Editor, Deccan Chronicle, highlighting the problems faced and also giving a few possible solutions	6	Critical Thinking and Problem Solving
7	Answer the following questions in 30-40 words each. (i) Why did Gandhiji agree to the planters' offer of a 25 percent refund to the farmers? (ii) As told by Mr. Lamb, why did a man lock himself up in his room and what happened to him? (Comptt. Delhi 2013)	2x2=4	Evaluation



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Subject: Hindi

Allotment Date: 30 November 2024

Assignment no.: 6

S. NO.	QUESTIONS	MARKS	NATURE
1	<p>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</p> <p>क. मनमोहिनी प्रकृति कि गोद में कौन -सा देश बसा हुआ है ? 2</p> <p>ख. भारत कि नदियों कि क्या विशेषता है? 2</p> <p>ग. भारत के फूलों का स्वरूप कैसा है ? 1</p>	5	Information
2	<p>“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 ।</p>	5	Understanding
3	<p>4. 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</p>	5	HOT

	<p>साथ देश को आजाद कराने के लिए समर्पित व्यक्तियों की एक ऐसी जमात तैयार करना चाह रहे थे जो सत्याग्रह की भट्टी में उसी तरह तपकर निखरे, जिस तरह भट्टी में सोना तपकर निखरता और कीमती बनता है। गांधी जी की मान्यता थी कि एक प्रतिष्ठित वकील और हज़ामत बनाने वाले 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। (All India 2015)</p> <p>प्रश्न: 1. किसी काम या पेशे के बारे में गांधी जी की मान्यता क्या है ?</p> <p>प्रश्न: 2. गांधी जी सबसे अच्छी कमाई किसे मानते थे?</p> <p>प्रश्न: 3. चंपारण सत्याग्रह के दौरान गांधी जी आध्यात्मिक प्रयोग क्यों कर रहे थे?</p> <p>प्रश्न: 4. गांधी जी लोगों को शारीरिक श्रम का महत्त्व किस तरह समझा रहे थे?</p> <p>प्रश्न: 5. शारीरिक श्रम को महत्त्व देने और हर काम को समान समझने के पीछे गांधी जी की दूरदर्शिता क्या थी?</p>		
4	<ol style="list-style-type: none"> 1. विशेषीकृत पत्रकारिता से आप क्या समझते हैं ? 2. हिंदी पत्रकारिता दिवस कब और किस उपलक्ष्य में मनाया जाता है? 3. सपादकीय में लेखक का नाम क्यों नहीं दिया जाता है ? 4. 'वाँचडॉंग पत्रकारिता' किस प्रकार लोकतंत्र का प्रहरी है ? 5. किन्हीं चार हिंदी समाचार पत्रों के नाम लिखिए, जिनके इंटरनेट संस्करण भी उपलब्ध हैं। 	5	Interdisciplinary

5	'पर्यावरण है तो मानव है' विषय पर अनुच्छेद लिखिए।	5	Analytical Skill
6	'प्रश्न – 5 किसी एक विषय पर फीचर लिखिए। 5 युवा पीढ़ी में घटते संस्कार , शहरों का डीएम घोटू वातावरण	5	Critical Thinking and Problem Solving
7	क. नमक का दारोगा पाठ के आधार पर आज समाज में फैले भ्रष्टाचार का वर्णन कीजिए?	5	Evaluation
8	दिनों – दिन गहराते पानी के संकट से निपटने के लिए क्या आज युवा वर्ग कोई सामूहिक आन्दोलन प्रारम्भ कर सकता है? अपने विचार व्यक्त कीजिए?	5	Communication Skills



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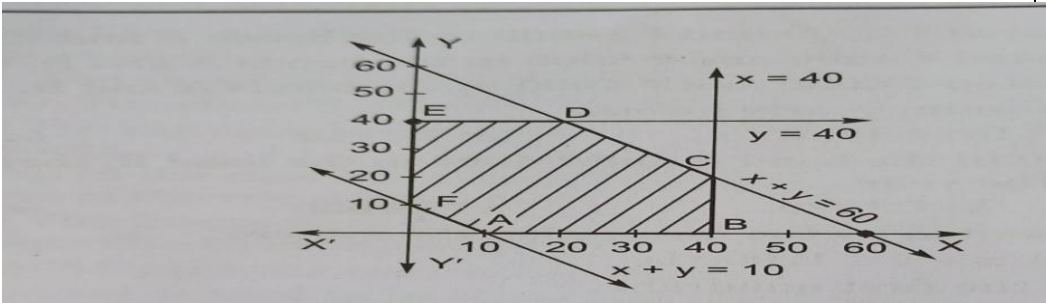
Subject: Mathematics

Allotment Date: 30 November 2024

Assignment No.:6

S. NO.	QUESTIONS	MARKS
1	Set A has 3 elements and the set B has 4 elements. Then the number of injective functions that can be defined from A to B is: (a) 144 (b) 12 (c) 24 (d) 64	1
2	Consider the non-empty set consisting of children in a family and a relation R defined as aR_b if a is a brother of b. Then R is: (a) Symmetric but not transitive (b) transitive but not symmetric (c) neither symmetric nor transitive (d) both symmetric and transitive	1
3	The value of $\sin^{-1}(\cos \frac{\pi}{9})$ is: (a) $\frac{\pi}{9}$ (b) $\frac{5\pi}{9}$ (c) $\frac{-5\pi}{9}$ (d) $\frac{7\pi}{18}$	1
4	If $\sin^{-1} x + \sin^{-1} y = \pi/2$, then $\cos^{-1} x + \cos^{-1} y$ is: (a) $\frac{\pi}{2}$ (b) $\frac{2\pi}{3}$ (c) π (d) 0	1
5	The matrix $\begin{bmatrix} 0 & -5 & 8 \\ 5 & 0 & 12 \\ -8 & -12 & 0 \end{bmatrix}$ is a : (a) diagonal matrix (b) symmetric matrix (c) skew symmetric (d) scalar matrix	1
6	The number of all possible matrices of order 3x3 with each entry 0 or 1 is : (a) 27 (b) 18 (c) 81 (d) 512	1
7	A root of the equation $\begin{vmatrix} 0 & x-a & x-b \\ x+a & 0 & x-c \\ x+b & x+c & 0 \end{vmatrix}$ is: (a) a (b) b (c) 0 (d) 1	1
8	There are two values of a which makes determinant $\Delta = \begin{vmatrix} 1 & -2 & 5 \\ 2 & a & -1 \\ 0 & 4 & 2a \end{vmatrix} = 86$, then the sum of these numbers is: (a) 4 (b) 5 (c) -4 (d) 9	1
9	The function $f(x) = [x]$, where $[x]$ denotes the greatest integer function, is continuous at x equals to : (a) 4 (b) -2 (c) 1 (d) 1.5	1
10	The value of m for which the function $f(x) = \begin{cases} 5x - 4, & 0 < x \leq 1 \\ 4x^2 + 3mx, & 1 < x < 2 \end{cases}$ is continuous at every point of its domain is: (a) -1 (b) 0 (c) $13/3$ (d) 1	1
11	The slope of normal to the curve $y = 2x^2 + 3 \sin x$, at $x=0$ is: (a) 3 (b) $1/3$ (c) -3 (d) $-1/3$	1

12	The maximum value of $\sin x \cdot \cos x$ is: (a) $1/4$ (b) $1/2$ (c) $\sqrt{2}$ (d) $2\sqrt{2}$	1
13	If the value of a third order determinant is 12, then the value of the determinant formed by replacing each element by its cofactor will be: (a) 12 (b) 144 (c) -12 (d) 13	1
14	.If $\begin{vmatrix} 2 & 3 & 2 \\ x & x & x \\ 4 & 9 & 1 \end{vmatrix} + 3 = 0$, then the value of x is: (a) 3 (b) 0 (c) -1 (d) 1	1
15	If $y = A e^{5x} + B e^{-5x}$, then $\frac{d^2y}{dx^2}$ is: (a) $25y$ (b) $5y$ (c) $-5y$ (d) $10y$	1
16	Let A be a square matrix of order 3×3 . Then $ kA $ is equal to: (a) $k A $ (b) $k^3 A $ (c) $k^2 A $ (d) $3k A $	1
17	If $x^y \cdot y^x = 16$, then $\frac{dy}{dx}$ at (2,2) is: (a) 1 (b) -1 (c) 0 (d) none of these	1
18	The point on the curve $y^2 = x$, where the tangent makes an angle of $\pi/4$ with x-axis is: (a) $(1/2, 1/4)$ (b) $(1/4, 1/2)$ (c) (4,2) (d) (1,1)	1
19	$y = x(x-3)^2$ decreases for all value of x given by: (a) $1 < x < 3$ (b) $x < 0$ (c) $x > 0$ (d) $0 < x < 3/2$	1
20	Which of the following points is not in the feasible region of the constraints: $x+y \leq 4, x \geq 0, y \geq 0$: (a) (2,5) (b) (0,3) (c) (1,3) (d) (0,0)	1
21	Let $f: [2, \infty) \rightarrow R$ be the function defined by $f(x) = x^2 - 4x + 5$, then the range of f is: (a) R (b) $[1, \infty)$ (c) $[4, \infty)$ (d) $[5, \infty)$	1
22.	If $3 \tan^{-1} x + \cot^{-1} x = \pi$ then x equals to: (a) 0 (b) 1 (c) -1 (d) $1/2$	1
23.	If $\begin{bmatrix} x-y & 2 \\ x & 5 \end{bmatrix} = \begin{bmatrix} 2 & 2 \\ 3 & 5 \end{bmatrix}$, then value of y is: (a) 1 (b) 3 (c) 2 (d) 5	1
24.	The area of a triangle with vertices (-3,0), (3,0) and (0,k) is 9 sq units. The value of k will be: (a) 9 (b) 3 (c) -9 (d) 6	1
25.	If $x = a \sec^3 \theta, y = a \tan^3 \theta$, then $\frac{dy}{dx}$ at $\theta = \pi/3$ is: (a) $2/\sqrt{3}$ (b) $1/\sqrt{3}$ (c) $\sqrt{3}$ (d) $\sqrt{(3)/2}$	1
26.	Let $A = \{1, 2\}$ and $B = \{3, 4\}$. How many subsets will $A \times B$ have? (a) 2 (b) 4 (c) 8 (d) 16	1
27.	If A and B are disjoint sets, then the value of $n(A \cap B)$ is: (a) $n(A) - n(B)$ (b) $n(A) \cdot n(B)$ (c) $n(A) + n(B)$ (d) 0	1
28.	If $\tan^{-1} x = \frac{\pi}{10}$ for some $x \in R$, then the value of $\cot^{-1} x$ is: (a) $\frac{\pi}{5}$ (b) $\frac{2\pi}{5}$ (c) $\frac{3\pi}{5}$ (d) $\frac{4\pi}{5}$	1
29.	If A is a 3×2 matrix, B is a 3×3 matrix and C is a 2×3 matrix, then the elements in A, B and C are respectively : (a) (6,9,8) (b) 6,9,6 (c) 9,6,6 (d) 6,6,9	1
30.	If A is an invertible matrix of order 2, then $\det(A^{-1})$ is equal to:	1

	(a) $\det(A)$ (b) $\frac{1}{\det(A)}$ (c) 1 (d) 0	
31.	<p>An advertisement firm is supplied with decorative wire pieces of 34 m each and are 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.</p> <p>Keeping the above under consideration answer the following:</p> <p>(i) If wire is cut at x m from one end and made a circle then if r represents radius of a circle then, (a) $\pi r^2 = x$ (b) $\pi r = x$ (c) $2\pi r = x$ (d) $r = 2x$</p> <p>(ii) Area enclosed by the circular ring is: (a) $\frac{x}{4\pi} m^2$ (b) $x^2 m^2$ (c) $\pi x^2 m^2$ (d) $\frac{x^2}{4\pi} m^2$</p> <p>(iii) Area enclosed by the square frame is: (a) $\frac{1}{4}(x-34) m^2$ (b) $\frac{1}{16}(34-x)^2 m^2$ (c) $(34-x)^2 m^2$ (d) $\frac{1}{8}(34-x)^2 m^2$</p> <p>(iv) For what value of x, combined area is minimum? (a) $\frac{34}{\pi+4} m$ (b) $\frac{17}{\pi+4} m$ (c) $\frac{34\pi}{\pi+4} m$ (d) $\frac{34\pi}{4-\pi} m$</p> <p>(v) What is the ratio of area of a circle to the area of a square, when combined are is minimum? (a) 11:14 (b) 14:11 (c) 7:14 (d) 11:7</p>	5
32.	<p>In an LPP, the objective function $Z = 3x + 4y + 370$ is to be optimised subject to the constraints: $x + y \geq 10$, $x + y \leq 60$, $x \leq 40$, $y \leq 40$, $x, y \geq 0$.</p> <p>The shaded bounded region ABCDEF is the feasible region of the given LPP. Based on the above information, answer the following questions:</p>  <p>(i) The maximum value of Z occurs at: (a) B(40,0) (b) C(40,20) (c) D(20,40) (d) E(0,40)</p> <p>(ii) The minimum value of Z is equal to: (a) 300 (b) 400 (c) 500 (d) 600</p> <p>(iii) The value of Z at C(40,20) is: (a) 490 (b) 530 (c) 550 (d) 570</p> <p>(iv) The value of (Maximum Z - Minimum Z) is equal to: (a) 190 (b) 210 (c) 230 (d) 250</p> <p>(v) The area of feasible region ABCDEF (in square units) is: (a) 1100 (b) 1250 (c) 1350 (d) 1450</p>	5



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Subject: Physics

Allotment Date: 30 November 2024

Assignment No.: 6

S. NO.	QUESTIONS	MARKS	NATURE
1	Find the wavelength of electromagnetic wave of frequency 5×10^{19} Hz in free space. Gives its two application.	2	Understanding
2	Two nuclei have mass numbers in the ratio 27:125. What is the ratio of their nuclear radii?	2	Evaluation
3	The ground state energy of hydrogen atom is -13.6 eV. What are the kinetic and potential energies of electron in this state?	2	Information
4	a) State two characteristic properties of nuclear force. b) Two nuclei have mass number in the ratio 1 : 3. What is the ratio of their nuclear densities	2	Understanding
5	Draw a ray diagram showing refraction of light through a glass prism and hence obtain the relation between the refractive index n of the prism, angle of prism and angle of minimum deviation	2	Analytical Skill
6	The radius of innermost electron orbit of a hydrogen atom is 5.3×10^{-11} m. What is the radius of orbit in the second excited state?	2	Understanding
7	Draw a ray diagram showing refraction of light through a glass prism and hence obtain the relation between the refractive index n of the prism, angle of prism and angle of minimum deviation.	3	HOT
8	Draw a plot of potential energy of a pair of nucleons as a function of their separation. Write two important conclusions which you can draw regarding the nature of nuclear forces.	3	Evaluation
9	Find the ratio of energies of photons produced due to transition of an electron of hydrogen atom from its second permitted energy level to the first permitted level and the highest permitted energy level to the first permitted level.	3	HOT
10	a) Obtain Bohr's quantization condition for angular momentum of electron orbiting in the n^{th} orbit of hydrogen atom on the basis of the wave picture of an electron using de- Broglie Hypothesis. b) Define Impact parameter.	3	Evaluation
11	(a) The mass of a nucleus in its ground state is always less than the total mass of its constituents – neutrons and protons. Explain. (b) Plot a graph showing the variation of potential energy of a pair of nucleons as a function of their separation.	3	Information
12	A heavy nucleus X of mass number 240 and binding energy per nucleon 7.6 MeV is split into two fragments Y and Z of mass numbers 110 and 130. The binding energy of nucleons in Y and Z	3	Understanding

	is 8.5 MeV per nucleon. Calculate the energy Q released per fission in MeV.		
13	a)The radius of innermost electron orbit of a hydrogen atom is 5.3×10^{-11} what is the radius of orbit in the second excited state? b)Obtain an expression for orbital period (Time period) of electron revolving in nth orbit of hydrogen atom .Also, obtain an expression for frequency.	5	Analytical
14	a) Draw a plot showing the variation of photoelectric current with collector potential for different frequency but same intensity of incident radiation. b) Use Einstein's photoelectric equation to explain the observations from this graph. c) What change will you observe, if intensity of incident radiation is changed but the frequency remain the same ?	5	Critical thinking and Problem solving



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Subject: Chemistry

Allotment Date: 30 November 2024

Assignment No.: 6

S. NO.	QUESTIONS	MARKS	NATURE
1	Give IUPAC name of the following compound a. $\text{CHF}_2\text{CBrClF}$ B. $(\text{CCl})_3\text{CCl}$	2	Understanding
2	Write structure of- a. But-1-ol b. 2-Methylbutan-2-ol	2	Understanding
3	Ortho and para nitrophenols are more acidic than phenol. Why.	2	Information
4	Write the equation for- a. Reimer-Tiemann reaction b. Kolbe's reaction	2	Information
5	Why propanol has higher boiling point than that of butane?	2	Information
6	Give two reactions to show the acidic nature of phenol.	2	Understanding
7	Explain structure of i. Methanol ii. Methoxymethane	3	Interdisciplinary
8	Write down mechanism of acid catalysed hydration of alkene.	3	Analytical skills
9	Give equations of the reactions for preparation of phenol from cumene..	3	Understanding
10	Show how will you synthesise: a. 1-phenylethanol from a suitable alkene b. cyclohexylmethanol using an alkyl halide c. pentane -1-ol using a suitable alkyl halide?	3	HOT
11	Write down mechanism for dehydration of ethanol to ethoxyethane..	3	Analytical skills
12	. Write down mechanism for dehydration of ethanol to ethane.	3	Analytical skills
13	Write equation for the following reaction- a. Friedal Crafts reaction b. Nitration of anisole c. Bromination of anisole in ethanoic acid medium d. Friedal-Crafts acetylation of anisole e. Williamson synthesis	5	Interdisciplinary
14	Explain acidity of alcohols, water and phenols with the help of resonating structure.	5	Interdisciplinary



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Subject: Biology

Allotment Date: 30 November 2024

Assignment No.:6

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.	Deacribe ecological role of biodiversity.	3	Understanding
10.	Define wildlife. Describe its significance in the maintenance of the envieonment.	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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CLASS XII
ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF- ASSESSMENT)



Subject: Economics

Allotment Date: 30 November 2024

Assignment No.:6

S. NO.	QUESTIONS	MARKS	NATURE
1	Which of the following is not a non-tax revenue receipt? (a) GST (b) External grants (c) Dividends and profits (d) Disinvestment	1	Information
2	“Government budget is an annual statement showing actual receipts and actual payments of the government for the last fiscal year.” State whether the statement is True/False	1	Understanding
3	Sale of shares of an Indian company to a Chinese customer is a ____ (debit/credit) item on the ____ (Current account/Capital account) of BOP.	1	HOT
4	State the meaning of Involuntary Unemployment.	1	Interdisciplinary
5	APS is the ratio of ____ and ____.	1	Analytical Skill
6	Give the full form of CRR and SLR.	1	Critical Thinking and Problem Solving
7	_____ is one of the taxes eliminated after implementation of GST.	1	Evaluation
8	____ and ____ currency notes of old Mahatma Gandhi series were banned as legal tender money on 8 th November 2016.	1	Evaluation Skill
9	Fixing of maximum land holding (ownership) for an individual is known as ____.	1	Analytical Skill
10	The first Industrial Policy Resolution in Independent India was introduced in the year ____.	1	Interdisciplinary
11	“Rapid increase in economic growth surely trickles down to the people under the absolutely poor category.” Defend or Refute the given statement with valid arguments.	3	Communication Skills
12	Distinguish between a ‘Current account deficit’ and ‘Trade deficit’.	3	Critical Thinking and Problem solving
13	“To boost the falling demand in the economy, the RBI recently reduced Repo rate.” Elaborate the rationale behind the steps taken by the Central Bank.	4	Hot/Applications
14	“Agriculture sector appears to be adversely affected by the economic reform process.” Explain.	4	Understanding/Analyse

15	India is often called the 'Outsourcing Destination' of the world. Discuss the prime reasons for this name given to India.	4	HOT
16	Define the problem of double counting in the estimation of National Income. Discuss two approaches to correct the problem of double counting.	6	Critical Thinking and Problem solving
17	'India, China and Pakistan have travelled more than seven decades of developmental path with varied results.' Explain the given statement with valid arguments.	6	Evaluation



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REVISION WORKSHEET (SELF- ASSESSMENT)



Subject: History

Allotment Date: 30 November 2024

Assignment No.:6

S. NO.	QUESTIONS	MARKS	NATURE
1	<p style="text-align: center;">Part- A</p> <p><i>Answer the following objective type questions:</i></p> <p>(i) Name the person who discovered the ruins of Hampi in 1800 CE.</p> <p>(ii) Hampi town is located in the bank of which river?</p> <p>(iii) Which goddess is called Pampa ?</p> <p>(iv) The Portuguese traveller who jointly called the Audience hall and 'Mahanavami Dibba' as 'the house of victory' was K</p> <p>(A) Duarte Barbosa</p> <p>(B) Fernao Nuniz</p> <p>(C) Afanasi Nikitin</p> <p>(D) Domingo Paes</p> <p>(v) Which of the following statement is correct regarding Mahnavami Dibba? K E</p> <p>(A) Mahnavami Dibba was an "audience hall" in which the entire complex is surrounded by high double walls with a street running between them.</p> <p>(B) Mahnavami Dibba was a "prayer hall" in which the entire complex is surrounded by high double walls with a street running between them.</p> <p>(C) Mahnavami Dibba was a hall for performing special rituals in which the entire complex is surrounded by high double walls with a street running between them.</p> <p>(D) Mahnavami Dibba was a "bathing hall" in which the entire complex is surrounded by high double walls with a street running between them.</p> <p>(vi) When did Gandhiji started Dandi March from Sabarmati?</p> <p>(A) July 15, 1942</p> <p>(B) March 12, 1930</p> <p>(C) December 13, 1887</p> <p>(D) January 1, 1912</p> <p>(vii) Who was Mahatma Gandhi's political mentor in India?</p> <p>(A) Rabindranath Tagore</p> <p>(B) Gopal Krishna Gokhale</p>	(10x1=10)	Information

	<p>(C) Sri Aurobindo (D) Swami Vivekananda (viii) Which of these conferences was held in November, 1930? (A) First Round Table Conference (B) Second Round Table Conference (C) Third Round Table Conference (D) Fourth Round Table Conference (ix) An All-India Khilafat Conference was held at on 23 November, 1919, with Gandhi as its president. (A) Calcutta (B) Punjab (C) Gujarat (D) Delhi (x) Which of these sources can be used to reconstruct the political career of Gandhiji? E (A) Writings and speeches of Mahatma Gandhi (B) Government records (C) Contemporary newspapers (D) All of the above</p>		
2	<p style="text-align: center;">Part- B</p> <p><i>Answer the following questions in short:</i> Who was Colin Mackenzie ? Mention his importance in Indian history?</p>	3	Evaluation
3	How did the water requirements problems solved in Vijayanagara empire ?	3	HOT
4	What do you think were the advantages and disadvantages of enclosing agricultural land within the fortified area of the city?	3	Information
5	Where ever Gandhiji went, rumours spread of his miraculous power.” Explain with examples.	3	Understanding
6	<p style="text-align: center;">Part- C</p> <p><i>Long questions answers:</i> Evaluate the importance of Amar Nayaka System in emergence of Vijayanagara Empire. Or Trace the development of the Non-cooperation Movement and the Khilafat Agitation from 1919 to 1922. How far did the two movements represent a new stage in the growth of the National Movement? Why was the Non-cooperation Movement withdrawn?</p>	8	Understanding & Evaluating
7	<p style="text-align: center;">Part-D (Sources Based Questions)</p> <p>Read the following extract carefully and answer the questions that follow: Charkha Mahatma Gandhi was profoundly critical of the modern age in which machine enslaved humans and displaced labour. He saw the charkha as a symbol of a human society that would not glorify machines and technology. The spinning wheel, moreover, could provide the poor with supplementary income</p>	(2+1+2=5)	Application

	<p>and make them self-reliant.</p> <p>What I object to, is the craze for machinery as such. The craze is for what they call labour saving machinery. Men go on "saving labour", till thousands are without work and thrown on the open streets to die of starvation. I want to save time and labour, not for a fraction of mankind, but for all; I want the concentration of wealth, not in the hands of few, but in the hands of all.</p> <p>YOUNG INDIA, 13 NOVEMBER 1924</p> <p>Khaddar does not seek to destroy all machinery but it does regulate its use and check its weedy growth. It uses machinery for the service of the poorest in their own cottages. The wheel is itself an exquisite piece of machinery.</p> <p>YOUNG INDIA, 17 MARCH 1927</p> <p>Questions:</p> <ol style="list-style-type: none"> Why was Mahatma Gandhi a critic of machines? For Gandhiji, what was the importance of charkha? What arguments were given by Mahatma Gandhi in favour of Khaddar? 		
8	<p>PART-E</p> <p>(Map Question)</p> <p>On a political map of India, locate and mark the following:</p> <ol style="list-style-type: none"> The place where Gandhiji launched a Satyagraha against the indigo planters. The place where the Jallianwala Bagh Massacre occurred Bardoli Chauri-Chaura Dandi 	(5x1=5)	Identification



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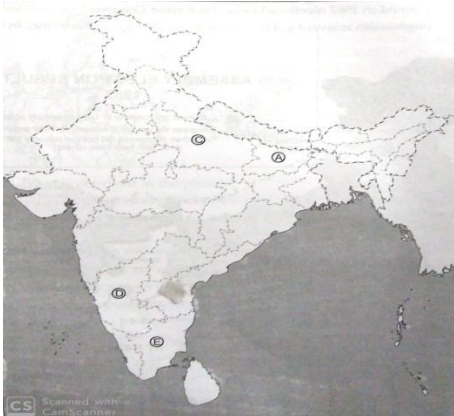
Subject: Political Science

Allotment Date: 30 November 2024

Assignment No.:6

S. NO.	QUESTIONS	MARKS	NATURE
1	<p>Part-A</p> <p>(i) Which one of the following did Gorbachev not promise to reform?</p> <p>(A) To loosen the administrative system (B) To catch up with the west (C) To reform the economy (D) To maintain strict control over the government</p> <p>(ii) How Central Asian economies benefited?</p> <p>(A) due to oil resources (B) due to their agricultural activities (C) due to tourism (D) due to their hydrocarbon resources</p> <p>(iii) Assertion: After the Second World War, the east European countries that the Soviet Army had liberated from the fascist forces came under the control of the USSR. Reason: The Soviet System, however, became very bureaucratic and authoritarian, making life very difficult for its citizens.</p> <p>(A) Both (A) and (R) are true, but (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> <p>(iv) Which one of the following statement related to the Iraq invasion by the US is incorrect?</p> <p>(A) More than forty other countries were involved in this invasion. (B) The UN had given consent to invade Iraq. (C) The invasion was to prevent Iraq from developing weapons of mass destruction. (D) The US lost over 3000 military personnel in this war.</p> <p>(v) When was UNESCO established?</p> <p>(A) 6th November, 1946 (B) 5th November, 1945 (C) 4th November 1946 (D) 25th December 1946</p> <p>(vi) Which state was carved out of Assam from the following: (A) Meghalaya</p>	(10x1=10)	Informative and Understanding

	<p>(B) Sikkim (C) Manipur (D) Tripura</p> <p>(vii) Which one of the following leaders played an important role in the integration of princely states with India? (A) Jawahar Lal Nehru (B) Sardar Vallabhbhai Patel (C) C. Rajagopalchari (D) Dr. B. R. Ambedkar</p> <p>(viii) Why J. C. Kumarappa supported the plan of industrialization of rural areas? (A) For the ground level development (B) To help the poor (C) To escape the vicious circle of poverty (D) To boost up the economy</p> <p>(ix) The idea of planning in India was drawn from: (i) the Bombay Plan (ii) experiences of the Soviet bloc countries (iii) Gandhian vision of society (iv) demand by peasant organisations (A) (ii) and (iv) only (B) (iii) and (iv) only (C) (i) and (ii) only (D) All of the above</p> <p>(x) When did India and China signed Panchsheel agreement? (A) 24 April, 1954 (B) 29 April, 1954 (C) 30 April, 1954 (D) 1 March, 1959</p>		
2	Part-B	2	Evaluating
	Explain traditional concept of security.		
3	Discuss the lessons of the emergency?	4	Evaluating
4	State the main issues in the Indian politics in the period after 1989. What difference configurations of political parties these differences lead to?	4	Understanding and HOT
5	How is Global poverty a source of insecurity? Explain.	4	Evaluating
6	<p>Part-C</p> <p>Read carefully the following excerpt and answer the questions below:</p> <p>Once an emergency is proclaimed, the federal distribution of powers remains practically suspended and all powers are concentrated in the hands of the union government. Secondly, the government also gets the power to curtail or restrict all or any of the fundamental rights during the emergency. From the wording of the provisions of the constitution, it is clear that an emergency is seen as an extra ordinary condition in which normal democratic politics cannot function. Therefore, special powers are granted to the government.</p>	2+2+2=6	Analytical

	<ol style="list-style-type: none"> 1. How is emergency viewed by the constitution? 2. What happens to our fundamental rights when emergency is imposed? 3. Is emergency considered as dangerous for democracy? Give reasons. 		
7	<p>In the given political outline map of India, four places are marked as (A), (C), (D) and (E). Identify them on the basis of the information given below:</p>  <p>(a) State related to the Congress President of 1968-71 S. Nigalingappa. (c) State related to Karpuri Thakur who implemented the reservation for backward. (d) State related to K. Kamraj who implemented the scheme of Mid Day meal for children. (e) State related with social leader and thinker Rammanohar Lohia.</p>	4	Identification
8	<p style="text-align: center;">Part- D</p> <p>Give a brief account of India's relations with China. OR Discuss the conflict between the Judiciary, Executive and Legislature before the declaration of emergency.</p>	6	Evaluating & HOT



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REVISION WORKSHEET (SELF- ASSESSMENT)



Subject: Physical Education

Allotment Date: 30 November 2024

Assignment No.:6

S.No.	QUESTIONS	MARKS	NATURE
Part- A	Answer the following questions:	4X2=8	
1.	Which of the following is not a component of personality? a) Physical appearance b) Intelligence c) Motivation d) Height	2	Understanding
2.	What does 'motivation' in sports primarily aim to do? a) Develop leadership skills b) Enhance physical growth c) Direct and energize behavior d) Improve teamwork	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
1.	Define sports psychology. Discuss its importance in improving athletic performance.	3	Understanding
2.	Describe anxiety and stress in sports. Suggest strategies to manage them.	3	Application
3.	Define sports training. Discuss its objectives and importance.	3	Understanding
4.	Highlight its importance in enhancing performance and preventing injuries.	3	Understanding
1.	What is motivation? Differentiate between intrinsic and extrinsic motivation in 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
REVISION WORKSHEET (SELF- ASSESSMENT)



Subject: Psychology

Allotment Date: 30 November 2024

Assignment No.:6

S. NO.	Questions	MARKS	NATURE
1	<p>Assertion: Social influence can lead to conformity, where individuals change their behaviors or beliefs to align with the group.</p> <p>Reason: Conformity occurs because individuals are motivated by the desire to fit in with others or to avoid rejection from the group.</p> <p>Options: 1. Both the assertion and the reason are correct, and the reason correctly explains the assertion. 2. Both the assertion and the reason are correct, but the reason does not explain the assertion. 3. The assertion is correct, but the reason is incorrect. 4. The assertion is incorrect, but the reason is correct.</p>	1	Understanding
2	<p>Assertion: People are more likely to conform when they are in a group with a unanimous opinion.</p> <p>Reason: Conformity is influenced by the presence of others because people fear social rejection and want to be accepted by the group.</p> <p>Options:</p> <ol style="list-style-type: none"> 1. Both the assertion and the reason are correct, and the reason correctly explains the assertion. 2. Both the assertion and the reason are correct, but the reason does not explain the assertion. 3. The assertion is correct, but the reason is incorrect. 4. The assertion is incorrect, but the reason is correct. 	1	Understanding
3	<p>Assertion: Individuals are more likely to conform to group norms when they feel their behavior is being observed by others.</p> <p>Reason: Social norms exert pressure on individuals to behave in accordance with the group's expectations, particularly when others are watching.</p> <p>Options:</p> <ol style="list-style-type: none"> 1. Both the assertion and the reason are correct, and the reason correctly explains the assertion. 	1	Understanding

	<ol style="list-style-type: none"> 2. Both the assertion and the reason are correct, but the reason does not explain the assertion. 3. The assertion is correct, but the reason is incorrect. 4. The assertion is incorrect, but the reason is correct. 		
4	<p>Which of the following would be an example of deindividuation?</p> <p>A) A person acting more aggressively in a crowd because they feel anonymous.</p> <p>B) A person following a group's behavior because they believe it is correct.</p> <p>C) A person following the orders of an authority figure.</p> <p>D) A person agreeing to a request after a small favor was initially asked.</p>	1	Knowledge
5	<p>What is the bystander effect?</p> <p>A) The tendency for individuals to take more risks when they are with others.</p> <p>B) The likelihood that someone will help others increases when they are in a group.</p> <p>C) The tendency for individuals to be less likely to help in an emergency when others are present.</p> <p>D) The process by which people conform to the behaviors of a group.</p>	1	Information
6	<p>Assertion: Social facilitation occurs when the presence of others enhances an individual's performance.</p> <p>Reason: Social facilitation is most likely to occur in tasks that are easy or well-practiced, because the presence of others boosts confidence.</p> <p>Options:</p> <ol style="list-style-type: none"> 1. Both the assertion and the reason are correct, and the reason correctly explains the assertion. 2. Both the assertion and the reason are correct, but the reason does not explain the assertion. 3. The assertion is correct, but the reason is incorrect. 4. The assertion is incorrect, but the reason is correct. 	1	Understanding
7	<p>Which of the following would best demonstrate social facilitation?</p> <p>A) A person performs better on a task in front of an audience because the task is simple.</p> <p>B) A person performs worse on a difficult task in front of an audience because the task is complex.</p> <p>C) A person performs poorly on a well-practiced task in front of an audience.</p>	1	Understanding

	D) A person behaves differently in a group than when alone, due to group norms.		
8.	<p>What is the foot-in-the-door technique in compliance?</p> <p>A) Asking for a large favor after securing agreement for a small one.</p> <p>B) Persuading others by presenting the benefits of compliance.</p> <p>C) Using guilt or social pressure to gain compliance.</p> <p>D) Requesting a small favor to increase the chances of agreeing to a larger request later.</p>	1	Information
9	<p>Which of the following best describes groupthink?</p> <p>A) The tendency of group members to seek consensus even when it leads to poor decision-making.</p> <p>B) The process of making decisions by weighing the pros and cons in a group.</p> <p>C) A group decision-making technique that encourages individual contributions.</p> <p>D) The tendency of group members to rely on each other's expertise.</p>	1	Knowledge
10.	<p>Assertion: People are more likely to obey authority figures when the authority is perceived as legitimate.</p> <p>Reason: Obedience is higher when the authority figure is physically present and close to the individual.</p> <p>Options:</p> <ol style="list-style-type: none"> 1. Both the assertion and the reason are correct, and the reason correctly explains the assertion. 2. Both the assertion and the reason are correct, but the reason does not explain the assertion. 3. The assertion is correct, but the reason is incorrect. 	1	Understanding
11	What is social influence?	2	Understanding
12	Explain the term empathy?	2	Understanding
13	Explain the term groupthink?	2	Information
14	What is conformity in social psychology?	2	Information
15	Explain the door-in-the-face technique in social influence.?	3	Critical thinking
16	What is social loafing , and why does it occur in group settings?	3	Critical thinking
17	What is social influence, and how does it affect individual behavior?	3	Information
18	Explain how social influence, such as the role of the CEO and the group's desire for harmony, may have contributed to the suppression of dissenting opinions	3	Understanding

19	What is groupthink, and how does it manifest in decision-making processes?	6	Critical thinking
	During a hospital emergency, a nurse was instructed by a doctor over the phone to administer a dangerously high dose of medication to a patient. The nurse hesitated but ultimately followed the doctor's orders. Later, the nurse discovered that the doctor was not the person they claimed to be, and the order was actually a mistake. A door-to-door saleswoman first asks a potential customer if they would be willing to answer a short survey. After the customer agrees, the saleswoman then asks if the customer would like to purchase the product she's selling. The customer, who initially refused to purchase, ends up agreeing to buy.		
20	What psychological concept best explains why the nurse obeyed the orders despite concerns about the safety of the patient?	2	Critical thinking
21	What social influence technique did the saleswoman use in this case?	2	Critical thinking



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



Subject: Painting

Allotment Date: 30 November 2024

Assignment No.: 6

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)	2*3=6	Evaluation

	<p>I. Evaluate the aesthetic grandeur of the Deccan school paintings.</p> <p>II. Hazarat Nizamuddin Auliya and Amir Khusro</p>		
3	<p>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.</p> <p>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.</p> <p>b. Which of the contemporary Indian Graphical painter you like the most? Write about the style, characteristics, and materials etc. of his/her works.</p>	3*2=6	HOT
4	<p>Write short note on any two of the following:</p> <p>i. Hyderabad school of painting</p> <p>ii. Guler painting</p> <p>iii. Nainsukh</p> <p>iv. Anupam Sud</p>	6*1=6	Understanding
5	<p>a. Write an essay on any one of the following and describe about their characteristics techniques:</p> <p>i. Mughal school</p> <p>ii. Appreciate contemporary Indian paintings included in your course of study.</p>	6*1=6	Application



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REVISION WORKSHEET (SELF-ASSESSMENT)



Subject: NCC

Allotment Date: 30 November 2024

Assignment No.: 6

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

	d) Apprise		
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.	3	Analytical Thinking
14	Write three differences between landslide and earthquake.	3	Analyzing
15	What are the responsibilities of national executive committee (NEC)?	4	Information
16	Write about any five major effects of natural calamities.	4	Critical Thinking
17	Explain the responsibilities of NDMA? Write five points. 6	6	Information

18	What factors must determine the choice of leadership style?	6	Critical Thinking
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ARMY PUBLIC SCHOOL GWALIOR
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REVISION WORKSHEET (SELF-ASSESSMENT)



Subject: Health and Physical Education

Allotment Date: 30 November 2024

Assignment No.: 6

S. NO.	QUESTIONS	NATURE	MARKS
1	<p>MCQ</p> <p>A) A race in which the runners jump over barriers while running.</p> <p>i) Relay</p> <p>ii) High Jump</p> <p>iii) Hurdle</p> <p>iv) Long Jump</p>	Understanding)	4×1=4
	<p>B) How many lanes are on a 400 m. track?</p> <p>i) 4 lanes</p> <p>ii) 5 lanes</p> <p>iii) 6 lanes</p> <p>iv) 8 lanes</p>	Informatory	
	<p>C) During sprinting races, what device do you use to start from?</p> <p>i) Track</p> <p>ii) Spring</p> <p>iii) Starting Block</p> <p>iv) Landing Pad</p>	Analytical	
	<p>D) In which event did Usain Bolt set the current world record in 2009?</p> <p>i) 100 m.</p> <p>ii) 200 m.</p> <p>iii) 400 m.</p> <p>iv) 800 m.</p>	Informaton	
2.	<p>B) Fill In the Blanks: -</p> <p>i. _____ country hosted the 2012 Summer Olympics.</p>	Informatory	3×1=3
	<p>ii. _____ event involves athletes competing in a series of ten events over two days.</p>	Informatory	
	<p>iii. In _____ year did the first modern Olympic Games take place.</p>	Understanding	

3.	True/False i. United Kingdom hosted the 2012 Summer Olympics. True False	Understanding	3×1=3
	ii. One of the events in the Olympic Games in ancient Greece was discuss. True False	Understanding	
	iii. The IAAF World Championships in Athletics have been held since 1983. True False		



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



Subject: Computer Science

Allotment Date: 30 November 2024

Assignment No.: 6

Q No.	Questions	Marks
Section-A (11 Marks)		
1 defines rules regarding the values allowed in columns and is the standard mechanism for enforcing database integrity. a) Column b) Constraint c) Index d) Trigger	1
2	Which of the following commands will delete the table from MYSQL database ? a) DELETE TABLE b) DROP TABLE c) REMOVE TABLE d) ALTER TABLE	1
3	A table Table1 has two text fields defined as below : : Name1 varchar(20), Name2 char(20), : If Name1 stores value as 'Ana' and Name2 stores value as 'Anuj', then Name1 will consume characters' space and Name2 will consume characters' space. a) 3, 20 b) 20, 4 c) 20, 20 d) 3, 4	1
4	Consider the following SQL statement. What type of statement is this ? INSERT INTO instructor VALUES (10211, 'Shreya', 'Biology', 66000) ; a) Procedure b) DML	1

	<p>c) DCL d) DDL</p>	
5	<p>In the given query which keyword has to be inserted ?</p> <p>INSERT INTO employee (1002, Kausar, 2000) ;</p> <p>a) Table b) Values c) Relation d) Field</p>	1
6	<p>Which of the following is/are the DDL statements ?</p> <p>a) Create b) Drop c) Alter d) All of these</p>	1
7	<p>In SQL, which command(s) is(are) used to change a table's structure / characteristics ?</p> <p>a) ALTER TABLE b) MODIFY TABLE c) CHANGE TABLE d) All of these</p>	1
8	<p>The data types CHAR(n) and VARCHAR(n) are used to create, and length types of string/text fields in a database.</p> <p>a) Fixed, equal b) Equal, variable c) Fixed, variable d) Variable, equal</p>	1
9	<p>Consider the following SQL statement. What type of statement is this ?</p> <p>CREATETABLEemployee (name VARCHAR, id INTEGER)</p> <p>a) DML b) DDL c) DCL d) Integrity constraint</p>	1
	<p>Q10and11areASSERTIONANDREASONINGbasedquestions. Markthecorrectchoice as</p>	

	(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	
10	Assertion. The PRIMARY KEY and UNIQUE constraints are the same. Reason. The columns with PRIMARY KEY or UNIQUE constraints have unique values for each row.	1
11	Assertion. The treatment of NULL values is different with PRIMARY KEY and UNIQUE constraints. Reason. The column(s) with PRIMARY KEY do not allow the NULL value even in a single row but UNIQUE constraint allows NULL for one of the rows.	1
Q No.	Questions Section-B (8 Marks)	Marks
12	What are different divisions of SQL and commands ? Give examples of commands in each division.	2
13	What is foreign key ? How do you define a foreign key in your table ?	2
14	How is FOREIGN KEY commands different from PRIMARY KEY command ?	2
15	How is FOREIGN KEY commands related to the PRIMARY KEY ?	2
Q No.	Questions Section-C (12 Marks)	Marks
16	Differentiate between DROP TABLE, DROP DATABASE.	3
17	What are table constraints ? What are column constraints ? How are these two different ?	3
18	What is default value ? How do you define it ? What is the default value of column for which no default value is define ?	3
19	How do you enforce business rules on a database ?	3
S No.	Questions Section-D (4 Marks)	Marks
20	Insert all those records of table Accounts into table Pending where amt_outstanding is more than 10000.	4
S No.	Questions Section-E (5 Marks)	Marks
21	Differentiate between DROP TABLE, DROP clause of ALTER TABLE.	5



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



Subject: Accountancy

Allotment Date: 30 November 2024

Assignment No.: 6

S. NO.	QUESTIONS	MARKS	NATURE
1	Assertion (A) : Increase in the value of liabilities on reconstitution of a firm is debited to Revaluation Account. Reason (R) : Increase in the value of liabilities is a loss. Select the correct alternative from the following : (a) Assertion (A) is correct, but Reason (R) is wrong. (b) Assertion (A) is wrong, but Reason (R) is correct. (c) Both Assertion (A) and Reason (R) are correct and Reason (R) is the correct explanation of Assertion (A). (d) Both Assertion (A) and Reason (R) are wrong.	1	Understanding
2	Anuradha Ltd. issued 2,00,000, 7% debentures of Rs.100 each at a discount of 5% redeemable at a premium of 5%. Discount on issue and premium on redemption were accounted for through Loss on Issue of Debentures Account. On issue of debentures, Loss on Issue of Debentures Account will be: (a) Credited by Rs.10,00,000 (b) Debited by Rs.10,00,000 (c) Debited by Rs.20,00,000 (d) Credited by Rs.20,00,000	1	Knowledge
3	Vijay and Ajay are partners in a firm. The partnership agreement provides for interest on drawings @ 12% per annum. Which of the following account will be debited to transfer interest on drawings to Profit and Loss Appropriation A/c? (a) Interest on Drawings Account (b) Bank Account (c) Partners Current Account (d) Partners Capital Account	1	knowledge
4	Which of the following statement is correct regarding subscribed capital? (a) It is the amount of share capital which a company is authorised to issue by its Memorandum of Association. (b) It is that part of authorised capital which is actually issued to the public for subscription. (c) It is that part of the issued capital which has been actually subscribed by the public. (d) It is that part of the called-up capital which has been actually received from shareholders.	1	Knowledge and understanding
5	On dissolution of a partnership firm, furniture appearing in the Balance Sheet was Rs.2,00,000. 50% of the furniture was taken over by a partner at Rs.65,000 and balance 50% was sold at 20%	1	Knowledge

	less than the book value. The amount debited to bank account was : (a) Rs.1,45,000 (b) Rs.80,000 (c) Rs.65,000 (d) Rs.1,85,000		
6	Part of the uncalled share capital that can be called up only at the time of winding up of the company is called : (a) Issued capital (b) Paid-up capital (c) Reserve capital (d) Un-issued capital	1	Knowledge
7	Vidit, Sumit and Mita were partners in a firm sharing profits in the ratio of 4 : 3 : 1. Mita died and her entire share was taken up by Vidit. The new profit sharing ratio of Vidit and Sumit will be : (a) 1 : 1 (b) 5 : 3 (c) 3 : 5 (d) 5 : 2	1	Knowledge
8	On 1st October 2020, Amit, a partner, advanced a loan of Rs.1,20,000 to the firm. In the absence of partnership deed, the amount of interest on loan to be paid on 31st March, 2021 will be : (a) Rs.3,600 (b) Rs.7,200 (c) Rs.12,000 (d) Rs.6,00	1	Knowledge and computation
9	Which of the following will result in flow of cash ? (a) Cash withdrawn from the bank Rs.50,000 (b) Rs.2,00,000, 9% debentures issued to vendors of machinery (c) Rs.30,000 received from debtors (d) Cheques of Rs.20,000 deposited in the bank	1	Knowledge and computation
10	If revenue from operations is Rs.10,00,000 and gross profit is 25% on cost, cost of revenue from operations will be : (a) Rs.2,50,000 (b) Rs.12,50,000 (c) Rs.2,00,000 (d) Rs.8,50,000	1	Understanding and knowledge
11	Classify the following items under major heads and sub-heads (if any) in the Balance Sheet of a company as per Schedule III, Part I of the Companies Act, 2013 : (i) Loose Tools (ii) Capital Reserve (iii) Mining Rights	3	Knowledge
12	(a) On 1st April, 2021, Hitesh Ltd. took over assets of Rs.8,00,000 and liabilities of Rs.40,000 of Pranjal Ltd. at an agreed value of Rs.8,30,000. Hitesh Ltd. paid the amount to Pranjal Ltd. as follows : (i) Gave an acceptance payable after 3 months for Rs.2,00,000, and (ii) Issued 10% Debentures of Rs.100 each at a	3	Understanding and applications

	<p>discount of 10% to Pranjal Ltd. in satisfaction of the balance amount of purchase consideration. Pass the necessary journal entries to record the above transaction in the books of Hitesh Ltd.</p> <p>(b) Disha Ltd. forfeited 500 shares of Rs.100 each issued at 10% premium, Rs.90 called up, on which the shareholders did not pay Rs.30 per share on allotment (including premium) and first call of Rs.20 per share. Out of these, 300 shares were reissued for Rs.80 per share, fully paid up. Pass necessary journal entries for forfeiture and reissue of shares.</p>																																						
13	<p>Prakash, Aakash and Vikas were partners in a business sharing profits in the ratio of 2 : 2 : 1. Their Balance Sheet as at 31st March, 2022 was as follows: Balance Sheet of Prakash, Aakash and Vikas as at 31st March, 2022</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Liabilities</th> <th style="width: 10%;">Amount ₹</th> <th style="width: 40%;">Assets</th> <th style="width: 10%;">Amount ₹</th> </tr> </thead> <tbody> <tr> <td>Creditors</td> <td>2,00,000</td> <td>Bank</td> <td>40,000</td> </tr> <tr> <td>General Reserve</td> <td>1,00,000</td> <td>Stock</td> <td>60,000</td> </tr> <tr> <td></td> <td></td> <td>Debtors</td> <td>1,60,000</td> </tr> <tr> <td>Capitals :</td> <td></td> <td>Investments</td> <td>1,40,000</td> </tr> <tr> <td>Prakash 1,20,000</td> <td></td> <td>Furniture</td> <td>70,000</td> </tr> <tr> <td>Aakash 2,00,000</td> <td></td> <td>Building</td> <td>2,30,000</td> </tr> <tr> <td>Vikas 80,000</td> <td>4,00,000</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="border-top: 1px solid black;">7,00,000</td> <td></td> <td style="border-top: 1px solid black;">7,00,000</td> </tr> </tbody> </table> <p>Vikas died on 30th September, 2022. On the death of a partner the partnership deed provided for the following :</p> <p>(i) Deceased partner will be entitled to his share of profit up to the date of date calculated on the basis of previous years' profit.</p> <p>(ii) His share in the Goodwill of the firm, calculated on the basis of 3 years purchase of average profits of last four years. Profits for last four years ended 31st March were as follows : 2018 19, Rs.1,60,000; 2019 20, Rs.1,00,000; 2020 21, Rs.80,000 and 2021 22, Rs.60,000.</p> <p>(iii) Drawings of the deceased partner up to the date of death were Rs.20,000.</p> <p>(iv) Interest on capital was allowed @ 12% per annum. Prepare Vikas capital account to be rendered to his executors.</p>	Liabilities	Amount ₹	Assets	Amount ₹	Creditors	2,00,000	Bank	40,000	General Reserve	1,00,000	Stock	60,000			Debtors	1,60,000	Capitals :		Investments	1,40,000	Prakash 1,20,000		Furniture	70,000	Aakash 2,00,000		Building	2,30,000	Vikas 80,000	4,00,000				7,00,000		7,00,000	4	Understanding
Liabilities	Amount ₹	Assets	Amount ₹																																				
Creditors	2,00,000	Bank	40,000																																				
General Reserve	1,00,000	Stock	60,000																																				
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Vikas 80,000	4,00,000																																						
	7,00,000		7,00,000																																				
14	<p>(a) Y Ltd. has a Current Ratio of 3.5 : 1 and Quick Ratio of 2 : 1. If excess of current assets over quick assets represented by inventory is Rs.48,000, calculate current assets and current liabilities. $2+2=4$ (b) Calculate Debt to Equity Ratio : Shareholder Funds Rs.2,00,000 Reserves and Surplus Rs.1,00,000 Total Debt Rs.4,00,000 Current Liabilities Rs.1,00,000 OR (ii) The Current Ratio of a company is 2 : 1. State giving reasons which of the following transactions would improve, reduce or not change the ratio : 4 (a) Purchase of goods for cash Rs.60,000 (b) Purchase of fixed assets for cash Rs.2,00,000 (c) Sale of goods costing</p>	4	Knowledge																																				

	Rs.20,000 for Rs.23,000 on credit (d) Issue of shares Rs.10,00,000		
15	Niti and Aditi were partners in a firm sharing profits and losses in the ratio of 2 : 3. They admitted John into partnership for 4 1 th share in the profits of the firm, which he acquired equally from Niti and Aditi. John brought Rs.5,00,000 as his capital and Rs.1,00,000 as premium for goodwill. One-fourth of the goodwill was withdrawn by the old partners. Pass necessary journal entries for the above transactions in the books of the firm.	4	Application and computation
16	Pass the necessary journal entries for the following transactions on dissolution of the firm of Kartik and Karan after various assets (other than cash) and outside liabilities have been transferred to Realisation Account : 6 (i) Kartik had given a loan of Rs.12,000 to the firm which was duly paid. (ii) Profit and Loss Account was showing a debit balance of Rs.15,000 on the date of dissolution. (iii) Creditors to whom the firm owed Rs.24,000 accepted stock of Rs.23,000 in full settlement. (iv) A machine which was not recorded in the books of the firm was taken over by Karan at Rs.31,000. (v) Rs.16,000. (vi) Furniture of Rs.60,000 was sold at a profit of 10%. Or Yash Ltd. invited applications for 50,000 equity shares of Rs.3 per share; on allotment (including premium) Rs.3 per share and on first and final call, the balance amount. Applications were received for 1,20,000 shares and shares were allotted on pro-rata basis to all applicants. The excess money received on application was to be adjusted towards sums due on allotment. Application money in excess of sums due on allotment was refunded. A shareholder who applied for 6,000 shares could not pay the first and final call money and his shares were forfeited. The forfeited shares were reissued for Rs.60,000 fully paid up. Pass necessary journal entries for the above transactions in the books of Yash Ltd. Or Bhumi and Chavi were partners in a firm sharing profits and losses in the ratio of 5 : 3. They admitted Aditi in the firm on 1 st April, 2022. On that date their Balance Sheet was as follows : Balance Sheet of Bhumi and Chavi as at 1st April, 2	6	Knowledge and application

Liabilities	Amount ₹	Assets	Amount ₹
Capitals :		Machinery	3,80,000
Bhumi 3,20,000		Furniture	50,000
Chavi <u>3,40,000</u>	6,60,000	Debtors	2,30,000
General Reserve	80,000	Stock	1,50,000
Bank loan	60,000	Cash	50,000
Creditors	60,000		
	<u>8,60,000</u>		<u>8,60,000</u>

Aditi was admitted in the firm with 3 1 share in profits on the following terms : (i) Aditi will bring Rs.3,00,000 as her capital. (ii) Aditi will bring her share of goodwill premium in cash. Goodwill of the firm was valued on the basis of two years purchase of average profits of the last three years. Average profits of the last three years were Rs.60,000. (iii) Machinery was revalued at Rs.4,60,000. (iv) The capitals of Bhumi and Chavi were adjusted on the basis of Aditi's capital account by opening current accounts. Prepare Revaluation Account and Partners Capital Accounts.

17	Read the following hypothetical text and answer the given question on this basis : Madhav is a young entrepreneur. On 1st April, 2019, he formed a partnership firm with two of his friends, Mohan and Sohan. They started their business of exporting dry fruits. Their business was a successful business. Now they wanted to expand the business in many other countries. For meeting the financial requirements, they changed the form of business organisation and formed Madhav Ltd. The Balance Sheet of Madhav Ltd. as at 31.3.2022 was as follows : Balance Sheet of Madhav Ltd. as at 31st March, 2022	6	Knowledge and computation
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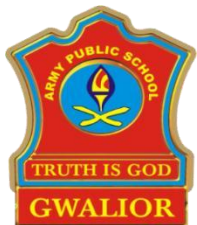
Particulars	Note No.	31.3.2022 ₹	31.3.2021 ₹
I – Equity and Liabilities :			
1. Shareholders' Funds			
(a) Share Capital		35,00,000	25,00,000
(b) Reserves and Surplus (Statement of P & L)		12,50,000	10,00,000
2. Non-Current Liabilities			
Long-term Borrowings (10% Debentures)		12,50,000	3,50,000
3. Current Liabilities			
(a) Short-term Borrowings (Bank Overdraft)		50,000	75,000
(b) Trade Payables		2,50,000	1,50,000
(c) Short-term Provisions	1	1,50,000	75,000
Total		64,50,000	41,50,000
II – Assets :			
1. Non-Current Assets			
Fixed Assets			
(a) Tangible Assets	2	40,00,000	22,50,000
(b) Intangible Assets (Goodwill)		3,50,000	5,00,000
2. Current Assets			
(a) Inventories		6,25,000	5,00,000
(b) Trade Receivables		12,50,000	7,50,000
(c) Cash and Cash Equivalents		2,25,000	1,50,000
Total		64,50,000	41,50,000

Notes to Accounts :

Note No.	Particulars	31.3.2022 Amount ₹	31.3.2021 Amount ₹
1	Short term Provisions		
	Provision for Tax	1,50,000	75,000
2	Tangible Assets		
	Plant and Machinery	44,00,000	25,00,000
	Less Accumulated Depreciation	(4,00,000)	(2,50,000)
		40,00,000	22,50,000

Additional Information :

(i) A part of the machine costing Rs.1,25,000 accumulated depreciation thereon being Rs.50,000 was sold for Rs.1,25,000 was paid on Debentures. Calculate cash flows from investing and financing activities of Madhav Ltd. from the information provided above.



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



Subject: Business Studies

Allotment Date: 30 November 2024

Assignment No.: 6

S. NO.	QUESTIONS	MARKS	NATURE
1.	Coordination integrates the efforts of different departments and at Identify the characteristic of coordination highlighted in the above statement. (a) Coordination ensures unity of action. (b) Coordination is an all pervasive function. (c) Coordination is a deliberate function. (d) Coordination is the responsibility of all managers.	1	Understanding
2.	_____ refers to retention of decision-making authority by higher management levels. (a) Decentralisation (b) Departmentalisation (c) Span of Control (d) Centralisation	1	Knowledge
3.	Umang was working as a production manager at LG Papers Ltd. The company had launched new eco-friendly paper straws in the market. He was given a target of producing 5,000 straws a day, by the General Manager. In spite of making the employees work overtime, Umang could not meet the target. On investigation, it was found that the employees had not received the right training to manufacture these eco-friendly paper straws. So the employees were sent for special training. The function of management which helped Umang in identifying that he could not meet the target is : (a) Planning (b) Organising (c) Directing (d) Controlling	1	understanding ng
4.	Statement I : Management is multi-dimensional. Statement II : The activities involved in managing an enterprise are common to all organisations whether economic, social or political. Choose the correct option from the options given below : (a) Statement I is true and II is false. (b) Statement II is true and I is false. (c) Both the statements are false. (d) Both the statements are true.	1	Application
5.	Which of the following is not a step in the process of ontrolling function of management ? (a) Setting performance standards (b) Assignment of duties (c) Taking corrective action (d) Comparing actual performance with standards	1	Knowledge
6.	The process of defining and grouping the activities of the enterprise and establishing authority relationship among them is : (a) Directing (b) Staffing (c) Management (d) Organising	1	Knowledge
7.	Sangeeta visited 'Smile Dental Clinic' for treatment of toothache. She observed that the receptionist was seated at the reception desk, the place fixed for her. Dental instruments were laid neatly in dental instrument trays and the used instruments were placed in the sterilisation area. There was a fixed place for everything and it was present there. There was no hindrance in the work of the dentist and she was working with her maximum efficiency. The principle of	1	Analyzing

	management followed at the smile dental clinic was (a) Equity (b) Discipline (c) Order (d) Initiative		
8.	During the Covid-19 pandemic, the restaurant industry faced many challenges. The slowdown led to huge decrease in demand. From April 2022, the effect of Covid started reducing. The economy started picking up and a boom was noticed in the restaurant industry. As a result, larger amount of working capital was required with increased production and sales. The factor affecting the working capital requirement discussed above is : (a) Seasonal factor (b) Production cycle (c) Operating efficiency (d) Business cycle	1	Knowledge
9.	Adapting to a change in consumer preference towards online shopping, Fast Service started a grocery delivery app. It is a platform that ensures 10-minute deliveries of groceries. Because of this service Fast Service earned huge profit within a year. It planned to expand its operations and decided to raise funds by directly issuing its securities to investors. The market through which Fast- its expansion is : (a) Money market (b) Primary market (c) Secondary market (d) Both Primary and Secondary markets	1	Understanding
10.	Which of the following statements does not highlight the importance of financial planning ? (a) Detailed plans of action prepared under financial planning increase waste, duplication of efforts and gaps in planning. (b) It helps in forecasting what may happen in future under different business situations. (c) It provides a link between investment and financing decisions on a continuous basis. (d) It helps in avoiding business shocks and surprises and helps the company in preparing for the future.	1	Knowledge
11.	The attitudes, skills and abilities of employees to perform specific jobs are increased by adopting a specific process. This process benefits the organisation in many ways. State any three benefits of this process to the organisation.	3	Understanding and analyzing
12.	(a) (i) Name the process of holding securities in an electronic form. (ii) Name any two participants of Money Market. (iii) Name the depositories that hold securities in electronic form. OR (b) State any three factors affecting the dividend decision.	3	Understanding and knowledge
13.	Nitya is a student of class XII of a well-known school. She has a preconceived notion that her teacher always finds fault in her work. One day while checking the project work of class XII, her teacher wanted to appreciate Nitya for her hard work and good	4	Remembering

	performance, but before she could complete her sentence, Nitya left the room without listening to her teacher. (a) identify the barrier of communication and also the type/category of barrier to which it is related. (b) Explain two other communication barriers of the type/category identified in (a) above.		
14.	Identify and give the meaning of the concepts highlighted in the following statements : (a) The process of finding possible candidates for a job. (b) An assessment of the number and types of human resources necessary for the performance of various jobs. (c) Introducing the selected employees to other employees and familiarising them with the rules and policies of the organisation. (d) It ensures that the organisation gets the best employees amongst the employees available.	4	Analyzing and application
15.	(a) State the role of consumer organisations and non-governmental organisations for the protection and promotion of consumers interests on the basis of any four points. 4 OR (b) State any four reliefs available to the consumers if the consumer court is satisfied about the genuineness of the complaint.	4	Understanding
16.	Sweets and More is one of the India's most popular brand for snacks and sweets. It offers a wide range of sweets, namkeens, cookies and frozen foods. Its organisational structure comprises of separate business units in each of the above categories. Each of these units have a manager responsible for performance, having authority over the unit. Moreover, each of these units is multi-functional as within each unit, different functions like production, marketing, finance, etc. are performed. Though this kind of organisational structure leads to increased cost because of duplication of activities across products, but it provides a proper basis for performance measurement as revenues and costs related to each of these business units can be easily identified. (a) Identify the organisational (b) State three advantages and two disadvantages of the organisational structure identified in (a) above which are not discussed in the above case.	6	HOTS
17.	X Ltd. is engaged in the manufacturing of cars. The company surveyed the market and found that customers need a car which runs on eco-friendly fuel instead of petrol or diesel. Keeping the needs of customers as well as social, ethical and ecological aspects of marketing in mind, the company launched a new model of car that runs on bio-diesel. The launch event was covered by the top news channels and newspapers. This was done to disseminate information about the car and build goodwill of the business. X Ltd.	6	Remembering

	understands that it is imperative to manage public opinion and companies with the public on a regular basis. (a) Identify and explain the marketing philosophy involved in the above case. (b) Identify and explain the communication tool that was used by the company. (c) Explain any two other promotional tools that can be used by X Ltd. to achieve its objectives.		
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