



Assignment No. : 4

Subject: English Allotment Date: 17 August 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	(A)You are Ruhi/Rahul, head girl/boy of ABC convent	4	Information
	school. Your school is going to organize an inter-		
	school singing competition. Write a notice for your		
	school notice board inviting names of all the interested		
	students.		
	(B).Write a letter to the Editor of National Herald, New		
	Delhi about water scarcity in your locality suggesting	6	
	ways to improve the position of water supply. You are		UNDERSTANDING
	Ramnath/ Reema of Ghaziabad.		
2	Read the extract given below and answer the	4	Understanding
	questions that follow		

We would all be together in a sudden strangeness Fishermen in the cold sea would not harm whales And the man gathering salt would look at his hurt hands."	
And the man gathering salt would look at his hurt	
hands "	
(a) What does he mean by 'exotic moment'?	
(b) How could man achieve this exotic moment?.	
(c) What kind of a feeling would this exotic moment	
evoke?	
(d)What harm do the fishermen do and why do salt	
gatherer's hands hurt?	
3 The world's geological history is trapped in Antarctica. 6 HOT	
How is the study of this region useful to us?	
4.Answer the following questions in 30-40 words 2x5=10 Evaluation	
a) What are Geoff Green's reasons for including high	
school students in the Students on Ice expedition?	
b)What sort of terror seized Douglas as he went down	
the water with a yellow glow? How could he feel that	

	he was still alive		
	c) Why was Edla happy to see the gift left by the		
	peddler?		
	d)Which act of the crofter surprised the peddler? Why?		
	e) How did the incident at the YMCA pool affect		
	Douglas?		
5	The story 'The Rattrap' focuses on human loneliness	5	Analytical Skill
	and the need to bond with others. Explain.		
6	'Take care of the small things and the big things will	5	Critical Thinking and Problem
	take care of themselves.' What is the relevance of this		Solving
	statement in the context of the Antarctic environment?		





Subject: Hindi

Assignment No. : 4

Allotment Date: 17 August 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	आपने पत्रकारिता का अध्धयन पूरा कर लिया है किसी समाचार पत्र में संवाददाता पड़ के लिए अपनी योग्यता का विवरण देते हुए आवेदन पत्र तैयार	5	Information
2	कीजिए ''भारत में बाल मजदूरी की समस्या'' विषय पर आलेख लिखिए	5	Understanding
3		5	НОТ
5	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 साथ देश को आजाद कराने के लिए समर्पित व्यक्तियों की एक ऐसी जमात तैयार करना चाह रहे थे जो सत्याग्रह की भट्ठी में उसी तरह तपकर निखरे, जिस तरह भट्ठी में सोना तपकर निखरता और कीमती बनता है।		
	गांधी जी की मान्यता थी कि एक प्रतिष्ठित वकील और हज़ामत बनाने वाले हज़्ज़ाम में पेशे के लिहाज़ से कोई फ़र्क नहीं, दोनों की हैसियत एक ही हैं। उन्होंने पसीने की कमाई को सबसे अच्छी कमाई माना और शारीरिक श्रम को अहमियत देते हुए उसे उचित प्रतिष्ठा व सम्मान दिया था। कोई काम बड़ा नहीं, कोई काम छोटा नहीं, इस मान्यता को उन्होंने प्राथमिकता दी ताकि साधन शुद्धता की बुनियाद पर एक ठीक समाज खड़ा		

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	हो सके। आज़ाद हिंदुस्तान आत्मनिर्भर, स्वावलंबी और आत्म-		
	सम्मानित देश के रूप में विश्व-बिरादरी के बीच अपनी एक		
	खास पहचान बनाए और फिर उसे बरकरार भी रखे। (All India		
	2015)		
	प्रश्नः 1.		
	किसी काम या पेशे के बारे में गांधी जी की मान्यता क्याहै ?		
	प्रश्नः 2.		
	गांधी जी सबसे अच्छी कमाई किसे मानते थे?		
	प्रश्नः 3.		
	चंपारण सत्याग्रह के दौरान गांधी जी आध्यात्मिक प्रयोग क्यों कर		
	रहे थे?		
	प्रश्नः 4.		
	गांधी जी लोगों को शारीरिक श्रम का महत्त्व किस तरह समझा रहे		
	थे?		
	प्रश्नः 5.		
	शारीरिक श्रम को महत्त्व देने और हर काम को समान समझने के		
	पीछे गांधी जी की दूरदर्शिता क्या थी?		
4	1. विशेषीकृत पत्रकारिता से आप क्या समझते हैं ?	5	Interdisciplinary
	2. हिंदी पत्रकारिता दिवस कब और किस उपलक्ष्य में मनाया जाता है?		
	3. सपादकीय में लेखक का नाम क्यों नही दिया जाता है ?		
	4. 'वॉचडॉग पत्रकारिता' किस प्रकार लोकतंत्र का प्रहरी है ?		
	5. किन्ही चार हिंदी समाचार पत्रों के नाम लिखिए, जिनके इंटरनेट		
_	संस्करण भी उपलब्ध है	5	Applytical Skill
5	'पर्यावरण है तो मानव है' विषय पर अनुच्छेद लिखिए	5	Analytical Skill
6		5	Critical Thinking
	'विश्वासपात्र मित्र जीवन कि एक औषधि है' विषय पर फीचर लिखिए		and Problem
			Solving
7	एन फ्रैंक हालैंड की तत्कालीन दशा के बारे में अपनी डायरी में क्या	5	Evaluation
	बताती हैं? 'डायरी के पन्ने' पाठ के आधार पर स्पष्ट कीजिए ?		
0		5	Communication
8	दिनों – दिन गहराते पानी के संकट से निपटने के लिए क्या आज युवा वर्ग	5	Skills
	'काले मेघा पानी दे' कि इंद्र सेना की तर्ज पर कोई सामूहिक आन्दोलन प्रारम्भ 		
	क्र सकता है? अपने विचार व्यक्त कीजिए?		





Subject: Mathematics Allotment Date: 17 August 2022

QUESTIONS MARKS NATURE S. NO. If $f(x) = \begin{cases} 1 + x, & \text{if } x \ge 0\\ 1 - x, & \text{if } x < 0 \end{cases}$ is continuous at x=0, then the 1 1 HOT value of f (0) is: (b) 1 (c) 2 (d) -1 (a) 0 2 A function f(x) is said to be continuous everywhere, if: Understanding 1 (a) it is continuous at x=0(b)it is differentiable at x=0 (c)it is continuous at two points (d) it is continuous at every real number If $y = \log \tan x + \log \cot x$, then dy/dx is: HOT 3 1 (a) 2log tanx (b)0 (c) 1 (d)-1 If y= log (xe^x), then dy/dx is: (a) $\frac{x+1}{x}$ (b) $\frac{x+1}{xe^x}$ (c) e^x(x+1) (d) $\frac{1}{xe^x}$ 1 Understanding 4 If $y = \cot x^\circ$, then dy/dx is: 5 1 Understanding (a) cosec x° (b) $-1^{\circ} cosec^{2}x^{\circ}$ (c) cosec $x^{\circ} cot x^{\circ}$ (d) $-1^{\circ} cos x^{\circ}$ If $y = log_5 x$, then find $\frac{dy}{dx}$. 6 1 Understanding

7	Find the second derivative of log(sinx) with respect to x.	1	Understanding
8	If x+y=3, then find dy/dx.	1	Information
9	Find f(0) so that the function $f(x) = \frac{\sin 5x}{x}$, $x \neq 0$ becomes continuous at x=0.	1	Information
10	.Give an example of a function which is continuous but not differentiable at x=0.	1	Understanding
11	Differentiate log(sinx ⁴) w.r.t. x using chain rule.	2	НОТ
12	Show that the function $f(x) = x $ is not differentiable at x=0.	2	НОТ
13	Differentiate $\tan^{-1}(\frac{1+\cos x}{\sin x})$ with respect to x.	2	Analytical Skill
14	Find dy/dx, at x=1, y= $\pi/4$, if sin ² y +cos xy = K	2	Analytical Skill
15	Find dy/dx, at t= $2\pi/3$, x = 10(t- sin t) and y=12(1-cost)	2	Interdisciplinary
16	If y= tan ⁻¹ x, then find $\frac{d^2y}{dx^2}$ in terms of y alone.	2	Critical Thinking and Problem Solving
17	.Differentiate x ² w.r.t.x ³ .	2	Interdisciplinary
18	Differentiate y=f(x ³) and f'(x)= e^{8x} , then find $\frac{dy}{dx}$.	3	Critical Thinking and Problem Solving
19	If $x^{m} y^{n} = (x+y)^{m+n}$, prove that $d^{2}y/dx^{2} = 0$.	3	Critical Thinking and Problem Solving
20	If $y = Pe^{ax} + Qe^{bx}$, show that $\frac{d^2y}{dx^2}$ - (a+b) $\frac{dy}{dx}$ +aby =0.	5	Critical Thinking and Problem Solving
21	Differentiate : x^{x^x} w.r.t.x.	5	Critical Thinking and Problem Solving



ARMY PUBLIC SCHOOL GWALIOR

CLASS XII

SESSION 2022-23



WORKSHEET

Subject: PHYSICS

Allotment Date: 1 AUGUST

Assignment No : Submission Date:

S. NO.	QUESTIONS	MARKS	NATURE
1	Show on a graph, the variation of resistivity with temperature for a typical semiconductor.	2	Understanding
2	When a charged particle moves in a magnetic field, its kinetic energy remains the same. Explain why?	2	Analytical Skill
3	In what respect does a wire carrying a current differ from a wire which carries no current?	2	НОТ
4	Write two factors by which voltage sensitivity of a galvanometer can be increased	2	Interdisciplinary
5	How does the random motion of free electrons in a conductor get affected when a potential difference is applied across its ends ?	2	Understanding
6	What happens when a diamagnetic substance is placed in a varying magnetic field?	2	Information
7	Discuss the motion of a charged particle moving in a direction making an angle theta with the direction of the uniform magnetic field	3	НОТ
8	How will the magnetic field intensity at the centre of the of a circular coil carrying current change, if the current through the coil is doubled and the radius of the coil is halved?	3	Analytical Skill

S. NO.	QUESTIONS	MARKS	NATURE
9	The angle of dip and total magnetic field of the earth at a given place are θ and B respectively. Write down the expression for horizontal and vertical components of the Earth's magnetic field at the place in terms of θ and B.	3	Critical thinking and Problem
10	a)A small magnet is pivoted to move freely in the magnetic meridian .At what place on the earth will the magnet be vertical?b) Define the term 'conductivity' of a metallic wire. Write its S.I unit	3	Interdisciplinary
11	If two bar magnets are placed with their axes parallel and opposite pole facing each other, show the position of neutral point neglecting the effect of earth.	3	Information
12	 a) .The earth's core is known to contain iron, but geologists do not regard this as a source of magnetic field. Why? b) Toroid is a closed solenoid having field lines enclosed within it only. Why is it not so in the case of linear solenoid? 	3	HOT
13	 a) Drive 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	Interdisciplinary
14	From biot-Savart's law obtain an expression for magnetic field at a point situated at a distance x meters from the centre of a circular coil of n turns and of a meter radius carrying current I amperes.	5	Critical thinking and Problem solving





Subject: Chemistry Allotment Date: 17 August 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	Write down the electronic configuration of	2	Analytical Skills
	i.Cr ³⁺ ii.Cu ⁺		
2	Why are Mn $^{2+}$ compounds more stable then Fe $^{2+}$ towards +3 oxidation state.	2	Understanding
3	Distinguish between lanthanoids and actinoids.	2	Information
4	What is lanthanoid contraction?.	2	Information
5	What are interstitial compounds?	2	Information
6	What are different oxidation states exhibited by lanthanoids?	2	Understanding
7	Draw graph to show lanthanoid contraction.	3	Interdisciplinary
8	What can be inferred from the magnetic moment of the following compounds- A=2.2BM B=5.9BM	3	НОТ
9	Explain the bonding in coordinate compounds in terms of Werner's theory.	3	НОТ
10	[NiCl ₄] ²⁻ is diamagnetic,explain with the help of electronic distribution.	3	Interdisciplinary
11	Explain why [Co(NH ₃) ₆] ³⁺ is diamagnetic?	3	Information
12	Define-	3	Information
	i.polydentate ligands		

	ii.ambidentate ligands		
	iii.chelate ligands		
13	Discuss the nature of bonding in metal carbonyls?	5	Information
14	Draw figure and explain splitting of d-orbitals in an	5	НОТ
	octahedral crystal field.		





Subject: Biology Allotment Date: 17 August 2022

S. QUESTIONS MARKS NATURE No. Identify the sex of organism as male or female in which the sex 1. chromosome are found as 2 Analytical Skills (i) ZW in bird (ii) XY in Drosophila (iii) ZZ in birds. (iv) XO in grasshopper. 2. 2 Mention two differences between Turner's syndrome and Understanding Klinefelter's syndome. 3. 2 Information The human male never passes on the gene for haemophilia to his son. Why is it so? 4. Mention four reasons why Drosophila was chosen by Morgan for 2 Information his experiments in genetics. 5. Differentiate between point mutation and frameshift mutations. 2 HOT 6. A woman with O blood group marries a man with AB blood group 2 Information (i) work out all the possible phenotypes and genotypes of the progeny. (ii) Discuss the kind of dominance in the parents and the progeny in this case. 7. 3 Understanding Explain the cause of Klinefelter's syndrome. Give any four symptoms shown by sufferer of this syndrome. 8. In Antirrhinum majus a plant with red flowers was crossed with a plant 3 Interdisciplinary with white flowers. Work out all the possible genotypes & phenotypes of F1 & F2 generations comment on the pattern of inheritance in this case? 9. 3 Evaluation A red eyed male fruitfly is crossed with white eyed female fruitfly. Work out the possible genotype & phenotype of F1 & F2 generation. Comment on the pattern of inheritance in this cross? 10. 3 Analytical skills In a cross made between a hybrid tall & red plant (TtRr) with dwarf & white flower (ttrr). What will be the genotype of plants in F1 generation?

11.	How sex is determined in human brings?	3	НОТ
12.	A smooth seeded & red – flowered pea plant (SsRr) is crossed with smooth seeded & white flowered pea plant (Ssrr). Determine the phenotypic & genotypic ratio in f1 progeny?	3	Understanding
13.	A dihybrid heterozygous round, yellow seeded garden pea (Pisum sativum) was crossed with a double recessive plant. (i) What type of cross is this? (ii) Work out the genotype and phenotype of the progeny. (iii) What principle of Mendel is illustrated through the result of this cross?	5	НОТ
14.	Differentiate between dominance, co-dominance & Incomplete dominance with one example each.	5	Information





Subject: Economics Allotment Date: 17 August 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	If AD exceeds AS, the income rises. (True/False, Give reason)	1	Information
2	When MPC is greater than MPS, the value of investment multiplier will be greater than 5. (Yes/No. Support your answer)	1	Understanding
3	When MPC is zero, the value of investment multiplier will be	1	НОТ
4	At equilibrium level: (a) C=I (b) AD=S (c) S=I (d) C=S	1	Interdisciplinary
5	The maximum value of multiplier is when the value of MPC is (a) Infinity, Zero (b) Infinity, One (c) One, Infinity (d) None of these	1	Analytical Skill
6	 Name the monetary measure indicated in the following statement. RBI starts selling Government securities to the public. 	1	Critical Thinking and Problem Solving
7	To check inflation, the central bank should reduce the CRR. (True/False)	1	Evaluation
8	Sale of government securities by the central bank in the open market is an appropriate policy to check depression in the economy. (True/False. Support your answer)	1	Evaluation Skill
9	is exercised through discussion, letters and speeches to banks. (a) Moral suasion (b) Selective Credit Controls (c) Margin Requirements (d) Open Market Operation	1	Analytical Skill
10	 "Change in Government spending" is a part of": (a) Monetary Policy (b) Fiscal Policy (c) Either (a) or (b) 	1	Interdisciplinary

	(d) Neither (a) nor (b)		
11	Can an economy be in equilibrium when there is unemployment in the economy.Explain.	3	Communication Skills
12	"An excess of AD over AS always implies a situation of inflationary gap." Defend or Refute.	3	Critical Thinking and Problem solving
13	Why must AD be equal to AS at the equilibrium level of income and output? Explain with the help of a diagram.	4	Interdisciplinary
14	Explain determination of equilibrium level of income using 'consumption plus Investment approach. Use diagram	4	Understanding/Analyse
15	Explain the role of the following in correcting 'excess demand' in an economy: (i) Bank Rate (ii) Open market operations.	4	НОТ
16	In an economy, 60% of increased income is spent on consumption. If Rs.4 crores are invested in a project, find out the increase in income and saving.	6	Critical Thinking and Problem solving
17	Distinguish between Inflationary gap and deflationary gap. Show deflationary gap on a diagram. Can this gap exist at equilibrium level of income? Explain.	6	Evaluation





Subject: Business Studies Allotment Date: 17 August 2022

S. NO.	QUESTIONS	MARKS	NATURE
1.	Define 'Decentralisation'.	1	Knowledge
2.	Give the meaning of 'Method' as a type of plan.	1	Knowledge
3.	Saurabh decided to start a chocolates manufacturing business. He set the target of earning 10% profit on sales in the first year. As a good businessman, he was concerned about the future of the business, which was uncertain. He gathered information that the demand for chocolates is increasing day-by-day. He used this information as the base for future planning and shared it with his team. On the basis of the gathered information, he scheduled a meeting in the following week to find innovative ways to achieve the objectives. List the first two steps, which have been followed by Saurabh that are related to the process of one of the functions of management.	1	Knowledge
4.	How does planning reduces the risks of uncertainty ?	1	Knowledge
5.	Zamon Ltd. is manufacturer of electronics goods based in Pune. On one hand it deals in items like books, music instruments, videotapes etc., and on the other hand it deals in laptops and mobile phones. The company had a functional structure with separate heads for production, marketing and finance. All the functional heads were looking after the products, but at times their activities overlapped. This led to problems related to coordination and interdepartmental conflicts. To facilitate specialisation Ramit, the CEO of the company decided to group books, music instruments, videotapes etc. under 'Media' and laptops and mobile phones under 'consumer electronics'. While doing so Ramit has performed a step in the process of one of the functions of management. Identify the step.	1	Identify and Knowledge
6.	 Radha Rani is the C.E.O. of 'Radhika Sales Pvt. Ltd.' Besides other managerial activities, she is an expert in planning. While planning for her company, she noticed that at first several options are gathered, then their evaluation is done and finally the most suitable option is selected. Once she was confronted with such a problem as had only one option available for its solution. To select this very option was her compulsion. Now, for the first time she realized that the necessity of planning is there only when several options are available. Identify the feature of planning in the event stated above. (a) Planning is continuous. (b) Planning is futuristic. (c) Planning involves decision making. (d) Planning is pervasive. 		Knowledge

7.	It is the obligation of a subordinate to properly perform the assigned duty.	1	Understanding
	(a) Responsibility (b) Authority		
	(c) Accountability (d) All of the above		
8.	Assertion(A): Functional Organization helps in increasing managerial and operational efficiency and this results in increased profit.	1	Knowledge and reasoning
	Explanation(R): Functional Organization promotes efficiency in utilisation of manpower as employees perform similar tasks within a department and are able to improve performance.		
	(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		
9.	Manpower requirement involve: (a) Workload analysis (b) Workforce analysis (c) Both (a) and (b) (d) Neither (a) and (b)	1	Understanding
10.	Which step in the staffing process comes immediately after recruitment? (a) Selection (b) Orientation (c) Training (d) compansation	1	Knowledge
11.	Differentiate between formal and informal organisations on the basis of (i) origin, (ii) authority, and (iii) flow of communication.	3	Analyzing
12.	State the steps in the selection procedure, after the employment interview and before the job offer.	3	Remembering and knowledge
13.	Aradhana and Gandharv are heads of two different departments in 'Yumco Ltd.' They are efficient managers and are able to motivate the employees of their respective departments to improve performance. However, their drive to excel in their own sphere of activity instead of giving emphasis on objectives of the enterprise has hindered the interaction between the departments that Aradhana and Gandharv are heading. Often there are inter-departmental conflicts and they have become incompatible. This has proved to be harmful in the fulfilment of the organisational objectives. The situation has deteriorated to such an extent that the CEO of 'Yumco Ltd.' has hired a consultant, Rashmi, to resolve the problem. After studying the situation closely, Rashmi found that the problem has arisen due to inflexibility and a narrow perspective on the part of both Aradhana and Gandharv. She is of the view that this situation is a result of the type of organisational structure 'Yumco Ltd.' has adopted. From the above information, identify the organisational structure		Analyzing and Remembering
	adopted by 'Yumco Ltd.' and state any three advantages of the structure so identified.		

14.	 Vardan Patel started the business of preparation and supplying sweets through home delivery at a production cum show-room 'Express Sweets' at Ahmedabad. He made a plan forecasting the sales of different types of sweets in various localities of Ahmedabad for each month of the year to earn a profit of 20% on Capital employed. He set a sales target of Rs.20,00,000 in the current year with a 10% increase every year. He then set the criteria for selecting suppliers from whom he would make purchases of raw material. The planning paid off and the business was able to achieve its targets. (a) Identify any two types of plans by quoting the lines from the above. 	4	Analyzing and Remembering
	(b) Also give the meaning of the types of plans identified in part (a) above.		
15.	After passing his secondary school examination, David left the school at the age of 15 years and started getting training under his father. His father, a renowned electrician, had worked for many companies. He everyday started accompanying his father on work and watched him carefully while working. David was a good learner and learnt the techniques of work quickly. Now his father started passing on the tricks of the trade to David. With the passage of time David acquired a high level skill and became a well-known electrician at Indore. Big business-houses started calling him for	5	Understanding
	electrical-wiring.		
	(a) Name the method of training discussed in the above para.		
16.	 (b) State any three benefits which David could get on being trained. a. what is meant by staffing? b. There were two vacancies for the post of Assistant Manager in 'Gyan Electrics Private Ltd.'. 'Parth' the Human Resources Manager identified one suitable candidate 'Vishwas' from within the organisation and promoted him to the post of Assistant Manager. For another post, the Manager 'Parth' took help of a placement agency and selected 'Saleem'. After six months, Parth observed that 'Vishwas's' performance was much better than 'Saleem's' performance though 'Vishwas' was less qualified than 'Saleem'. Hence, 'Parth' decided that in future he will not make any appointment with the help of an outside source. Explain any four reasons on the basis of which 'Parth' would have taken the above decision. 	5	Knowledge and understanding
17.	⁶ Moga Industries Ltd.' approached a well established university in the city of Madurai to recruit qualified personnel for various technical and professional jobs. They selected Tanya, Ritu, Garima and Chetan for various vacancies in the organisation. After the selection and placement, 'Moga Industries Ltd.' felt the need to increase the skills and abilities, and the development of positive attitude of the employees to perform their specific jobs		Remembering

better. The company also realised that learning new skills would improve the job performance of the employees. Hence, the company decided to take action for the same.	
(a) Name the step of the staffing process regarding which the	
company decided to take action. (b) State the benefits of the action to 'Moga Industries Ltd.'	





Assignment No. : 4

Subject: Accountancy Allotment Date: 17 August 2022

S. NO.	QUESTIONS	MARKS	NATURE
1.	Amit and Beena were partners in a firm sharing profits and losses in the ratio of 3 : 1. Chaman was admitted as a new partner for 1/6 th share in the profits. Chaman acquired 2/5 th of his share from Amit. How much share did Chaman acquire from Beena ?	1	Application
2.	Ritesh and Hitesh are childhood friends. Ritesh is a consultant whereas Hitesh is an architect. They contributed equal amounts and purchased a building for Rs. 2 crores. After a year, they sold it for Rs. 3 crores and shared the profits equally. Are they doing the business in partnership ? Give reason in support of your answer.	1	Reasoning
3.	Atul and Neera were partners in a firm sharing profits in the ratio of 3 : 2. They admitted Mitali as a new partner. Goodwill of the firm was valued at Rs.2,00,000. Mitali brings her share of goodwill premium of Rs. 20,000 in cash, which is entirely credited to Atul's Capital Account. Calculate the new profit sharing ratio.	1	Computation
4.	Chhavi and Neha were partners in a firm sharing profits and losses equally. Chhavi withdrew a fixed amount at the beginning of each quarter. Interest on drawings is charged @ 6% p.a. At the end of the year, interest on Chhavi's drawings amounted to Rs. 900. Pass necessary journal entry for charging interest on drawings.	1	Understanding
5.	In case the partners' capitals are fixed, in which account will withdrawal of capital be recorded ?	1	Knowledge
6.	 Meera, Myra and Neera were partners sharing profits in the ratio of 2:2:1. They decided to share future profits in the ratio of 7:5:3 with effect from 1st April, 2019. Their Balance Sheet as on that date showed a balance of Rs. 45,000 in Advertisement Suspense Account. The amount to be debited respectively to the capital accounts of Meera, Myra and Neera for writing off the amount in Advertisement Suspense Account will be : (A) Rs. 18,000, Rs. 18,000 and Rs. 9,000 (B) Rs. 15,000, Rs. 15,000 and Rs. 15,000 (C) Rs. 21,000, Rs. 15,000 and Rs. 9,000 	1	Understanding

	(D) Rs. 22,500, Rs.	22,500 and Nil		
7.	Mona and Tina were	partners in a firm sharing profits in the ratio of	1	Understanding
	At the time of admiss appeared in the Bala on account of workm	nitted with 1/6 th share in the profits of the firm. sion, Workmen's Compensation Reserve ince Sheet of the firm at Rs. 32,000. The claim ince's compensation was determined at Rs. aim over the reserve will be :		
	(A) Credited to Reva	luation Account.		
	(B) Debited to Reval	uation Account.		
	(C) Credited to old p	artner's Capital Account.		
		artner's Capital Account.		
8.	was admitted for 1/5	rs in a firm sharing profits in the ratio of 7 : 3. Z th share in the profits which he took 75% from X Y. Calculate the sacrificing ratio of X and Y.	1	Remembering or knowledge
9.	Sun and Star were p 2 : 1.	artners in a firm sharing profits in the ratio of	1	Application
	Moon was admitted	as a new partner in the firm. New profit sharing		
	ratio was 3 : 3 : 2. M share of goodwill and	oon brought the following assets towards his d his capital :		
		Rs.		
	Machinery	2,00,000		
	Furniture	1,20,000		
	Stock	80,000		
	Cash	50,000		
	If his capital is consid will be :	dered as Rs. 3,80,000, the goodwill of the firm		
	(A) Rs. 70,000			
	(B) Rs. 2,80,000			
	(C) Rs. 4,50,000			
	(D) Rs. 1,40,000			
10.	A, B and C were par	tners sharing profits in the ratio of 5 : 4 : 3. They	1	Application
	decided to change th	neir profit sharing ratio to 2 : 2 : 1 w.e.f.		
	1st April, 2019. On tl	nat date, there was a balance of Rs. 3,00,000 in		
	General Reserve an and Loss Account.	d a debit balance of Rs. 4,80,000 in the Profit		
	Pass necessary jour	nal entries for the above on account of change in	า	

	the profit sharing ratio.					
11.	The capital of the firm of A market rate of interest is 7 60,000 each. The profit for Rs. 3,60,000 and Rs. 4,20 on the basis of two years profits. Calculate the good	15%. Annua or the last th 0,000. Good purchase o	I salary to the partne ree years were Rs. 3 dwill of the firm is to b f last three years ave	rs is Rs. ,00,000, e valued	3	Understanding
12.	Ram, Mohan and Sohan 2 : 1 : 1. Ram withdrew R	·	• •		3	Understanding and knowledge
	Rs. 4,000 every month. Ir charged, whereas the par drawings. Showing your v adjustment entry to rectify	nterest on d tnership de vorking clea	rawings @ 6% p.a. w ed was silent about ir	as nterest on		
13.	Radhika, Bani and Chitra 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 share future profits and losses in the ratio of 3 : 2 : 1. On that date their Balance Sheet showed a debit balance of Rs. 24,000 in Profit and Loss Account and a balance of Rs. 1,44,000 in General Reserve.It was also agreed that :				4	Understanding
	(a) The goodwill of the firm be valued at Rs. 1,80,000.					
	(b) The Land (having book value of Rs. 3,00,000) will be valued at Rs. 4,80,000.					
	Pass the necessary journal entries for the above changes.					
14.	Chander and Damini were partners in a firm sharing profits and losses equally. On 31st March, 2017 their Balance Sheet was as follows : Balance Sheet of Chander and Damini as on 31.3.2017					Understanding
	Liabilities	Amount ₹	Assets	Amount ₹		
	Sundry Creditors	1,04,000	Cash at Bank	30,000		
	Capitals		Bills Receivable	45,000		
	Chander 2,50,000		Debtors	75,000		
	Damini <u>2,16,000</u>	4,66,000	Furniture	1,10,000		
			Land and Building	3,10,000		
		5,70,000		5,70,000		
	On 1.4.2017, they admitted the profits on the following (i) Elina will bring Rs. 3,00 share of goodwill premiun Chander and Damini. (ii) Debtors to the extent of (iii) Furniture will be reduce	g conditions),000 as he n, half of wh of Rs. 5,000	r capital and Rs. 50,0 nich will be withdrawn were unrecorded.	00 as her by		

	 doubtful debts will be created on bills receivables and debtors. (iv) Value of land and building will be appreciated by 20%. (v) There being a claim against the firm for damages, a liability to the extent of Rs. 8,000 will be created for the same. Prepare Revaluation Account and Partners' Capital Accounts. 		
15.	 Jay, Vijay and Karan were partners of an architect firm sharing profits in the ratio of 2 : 2 : 1. Their partnership deed provided the following : (i) A monthly salary of Rs. 15,000 each to Jay and Vijay. (ii) Karan was guaranteed a profit of Rs. 5,00,000 and Jay guaranteed that he will earn an annual fee of Rs. 2,00,000. Any deficiency arising because of guarantee to Karan will be borne by Jay and Vijay in the ratio of 3 : 2. During the year ended 31st March, 2018 Jay earned fee of Rs. 1,75,000 and the profits of the firm amounted to Rs. 15,00,000. Showing your workings clearly prepare Profit and Loss Appropriation Account and the Capital Account of Jay, Vijay and Karan for the year ended 31st March, 2018. 	6	Knowledge and application
16.	 Moli, Bhola and Raj were partners in a firm sharing profits and losses in the ratio of 3 : 3 : 4. Their partnership deed provided for the following : (i) Interest on capital @ 5% p.a. (ii) Interest on drawing @ 12% p.a. (iii) Interest on partners' loan @ 6% p.a. (iv) Moli was allowed an annual salary of Rs. 4,000; Bhola was allowed a commission of 10% of net profit as shown by Profit and Loss Account and Raj was guaranteed a profit of Rs. 1,50,000 after making all the adjustments as provided in the partnership agreement. Their fixed capitals were Moli : Rs. 5,00,000; Bhola : Rs. 8,00,000 and Raj : Rs. 4,00,000. On 1st April, 2016 Bhola extended a loan of Rs. 1,00,000 to the firm. The net profit of the firm for the year ended 31st March, 2017 before interest on Bhola's loan was Rs. 3,06,000. Prepare Profit and Loss Appropriation Account of Moli, Bhola and Raj for the year ended 31st March, 2017 and their Current Accounts assuming that Bhola withdrew Rs. 5,000 at the end of each month, Moli withdrew Rs. 10,000 at the end of each quarter and Raj withdrew Rs. 40,000 at the end of each half year. 	8	Knowledge and application





Subject: History Allotment Date: 17 August 2022

S. NO.	QUESTIONS	MARKS	NATURE
1	Part- A Answer the following objective type questions: (i) What does the Sanskrit word 'Kula' define? (A) Neighbours (B) Families (C) Deities (D) None of these (ii) Which of the following statement is incorrect about the meaning of Endogamy? (A) Endogamy refers to marriage outside the unit. (B) Endogamy refers to marriage within a unit – this could be a kin group, caste, or a group living in the same locality. (C) It is the practice of a man having several wives. (D) It is the practice of a woman having several husbands. (iii) Ekalavya belonged to the category of: (A) Vanik (B) Mlechchha (C) Brahmana (D) Nishada	(10x1=10)	Informative
	 (iv) Which one of the following statements is incorrect about the duties as laid down in Manusmriti for the Chandalas? (A) They had to live on the outskirts of the village. (B) They had to use discarded utensils. (C) They were supposed to wear old clothes of the villagers and ornaments made from shells. (D) It was their duty to serve as executioner and dispose of the bodies of those who had no relatives. (v) Which of the following pairs is not correctly matched? (A) Kouravas–Son of Gandhari (B) Ekalavya–Chandala (C) Pandavas–Sons of Pandu (D) Suvarnakaras–Goldsmith (vi) Women were allowed to retain the gifts they received on the occasion of their marriage as: (A) stridhana 		

		1	
	(B) manusmriti		
	(C) biksha		
	(D) None of These		
	(vii) Where did the early Bhakti movements originate		
	from?		
	(A) South India		
	(B) North India		
	(C) The West		
	(D) Both (A) and (C)		
	(viii) The major anthology composed by the Alvars was the:(A) Nalayira Divyaprabandham(B) Nalayira Purabandham		
	(C) Nalayira Alvabandham (D) None of these		
	 (ix) Which Sufi Saint mentioned that devotional musicis the one way of moving closer to God? (A) Muin-ud-din-Chisti (B) Saiyid Mummed. (C) Shah Alam Bukhari 		
	(D) Baba Farid		
	(x) Which Bhakti Saint preached the concept of Vishishtadvita?		
	(A) Shankara		
	(B) Ramanuja (C) Madhava		
	(D) Nimbarka		
		-	l la de se te se d'a se
2	Part- B Answer the following questions in short:	3	Understanding
	Discuss whether kings in early states were invariably		
	Kshatriyas.		
3	Why is the Mahabharata said to be a dynamic text?	3	Evaluation
4	Write a short note on the life of Ibn Battuta.	3	Understanding
5	Who was Mirabai? What role did aba play in the bhalt!	2	Evoluction
5	Who was Mirabai? What role did she play in the bhakti movement?	3	Evaluation
6	Part- C	8	Understanding &
	Long questions answers:		HOT
	Analyse the influence that the Tamil bhakti saints had on the		
	Chola rulers.		
	Or		
	Who were known as the outcastes? How were they treated?		
7		(2+2+1=5)	Application and
	Part-D (Sources Based Questions)		
	Read the following extract carefully and answer the questions that follow:		understanding
			นานธารเล่านแบ่ง
	Draupadi's Marriage		
		1	
	Drupada the king of Panchal orginsed a competition where the		

8	PART-E (Map Question) On a map of India, mark and locate the following: i. Indraprastha ii. Hastinapura iii. Sarnath iv. Thanjavur v. Ajmer	(5x1=5)	Identification
	 challenges was to string a bow and hit a target : the winner would be chosen to marry his daughter Draupadi. Arjuna was victorious and was garlanded by Draupadi. The Pandavas returned with her to their mother Kunti, who, even before she saw them asked them to share whatever they had got .she realized her mistake when she saw Drupadi, but her command could not be violated. After much deliberation, Yudhisthira decided that Drupadi would be their common wife. When Drupda was told about this, he protested. However, the seer Vyasa arrived and told him that the Pandavas were in reality incarnations of Indra, whose wife had been reborn as Draupadi and they were thus destined for each other. Vyasa added that in another instance a young woman had prayed to shiva for a husband, and in her enthusiasm, had prayed five times instead of once. This woman was know reborned as Draupadi and Shiva had fulfilled her desire Convinced by these stories, Drupada consented to the marriage. (ii) What was the competition organized by the Panchala king Drupada for the marriage of his daughter? (iii) What form of the marriage was Draupadi's marriage to the pandvas? Give two views of historians about the form of marriage. 		





Assignment No.: 4

Subject: Political Science Allotment Date: 17 August 2022

S.NO. QUESTIONS MARKS NATURE Information 1 (10x1=10)**Objective Type Questions:** (i) Which one of the following statements related to the Indo- China war (1962) is correct? (A) China could not cross the line of control. (B) The Soviet Union remained neutral during the conflict. (C) The Soviet Union helped China against India. (D) The Chinese forces did not withdraw their troops back to earlier position. (ii) Indo- Russian relations strengthened after the signing of Treaty of Peace and Friendship in: (A) 1951 (B) 1961 (C) 1971 (D) 1981 (iii) The key to growing India -Israel ties are: (A) defence (B) religion (C) trade (D) politics (iv) When OEEC was established? (A) 1947 (B) 1949 (C) 1948 (D) 1950 (v) Which of these statements about the Bombay Plan is incorrect? (A) It was a blueprint for India's economic future. (B) It supported state-ownership of industry. (C) It was made by some leading industrialists. (D) It supported strongly the idea of planning. (vi) India and Pakistan signed the Indus Water Treaty in------(vii) Which of the following ideas did not form part of the early

	 phase of India's developments policy? (A) Planning (B) Liberalisation (C) Cooperative (D) Self-sufficiency (viii) What do you understand by Mixed Economy. (ix) Relationship between India and Russia are rooted in mutual: (A) suspense (B) cooperation (C) hatred (D) competition (x) Which declaration was signed with AESAN came into existence? (A) Singapore Treaty (B) Bangkok Declaration (C) AESAN Declaration (D) Warsaw Pact 		
2	What was the protest against Posco plants in Orissa?	2	Understanding
3	What was the major thrust of the First Five Year Plan? In which way did the second five year plan differ from the first one.	4	НОТ
4	What is the Kerala model?	4	Understanding
5	Examine the Congress dominance in the first three General Elections.	4	Understanding
6	Read the extract carefully and answer the questions that follow: Then there were critics who thought that the state did not do enough. They pointed out that the state did not spend any significant amount for public education and healthcare. The state intervened only in those areas where the private sector was not prepared to go. Thus the state helped the private sector to make profit. Also, instead of helping the poor, the state intervention ended up creating a new ' middle class' that enjoyed the privileges of high salaries without much accountability. Poverty did not decline substantially during this period, even when the proportion of the poor reduced, their numbers kept going up. Questions:	(1+2+2=5)	Analytical
	 What is the opinion of some critics in relation to development? What is the characteristics feature of the middle class according to the above passage? What is the opinion of author in terms of poverty? 		

7	Trying months ahead despite rain: Minister bet crop may be narmal Deposition warned not to exploit situation warned warned not to explo	(2+3=5)	Analytical
	Look at the above clippings of the Hindustan Times. You will agree that the agricultural conditions of India went from bad to worse in 1960s. In the light of this, answer the following questions: (a) How did India solve her problem of food shortage? (b) Is India now sufficient in food production? State the reason for your answers.		
8	Give a brief account of India's relations with China. OR Critically examine the major outcomes of the Indian model of mixed economy.	6	HOT & Understanding





Subject: Painting Allotment Date: 17 August 2022

S.NO.	QUESTIONS	MARKS AND NATURE
Q.1	Section: First	1x6= 6
	Choose The Correct Answer:	Information
	a. Which is not a Deccan Sub School?	
	(a) Hyderabad (b) Ahmadnagar	
	(c) Bijapur (d) Gharwal	
	b. Persian delicacy can be seen in the illustrated border with	
	Calligraphy above and below-	
	(a) Marriage Procession of Dara Shikoh.	
	(b) Kabir & Raidas.	
	(c) Chand bibi Playing Polo.	
	(d) Hazrat Nizamuddin Aulia & Amir Khusro.	
	c. Who is Playing Music?	
	(a) Hazrat Aulia (b) Kabir (c) Raidas (d) Amir Khusro	
	d. Identify the Painting from the statement-"The Colours are	
	soothing and tones are subdued to suit the spritual aura of the	
	two great Sufi Peronalities"?	
	(a) Marriage Procession of Dara Shikoh.	
	(b) Poet in garden.	
	(c) Krishna on a swing.	
	(d) Hazarat Nizamuddin Aulia and Amir Khusro.	
	e. In which painting Mughal artists had achieved mastery in	
	creating crowded composition?	
	(a) Krishna lifting mount Govardhana.	
	(b) Kabir & Raidas.	
	(c) Falcon on a Bird rest.	
	(d) Marriage Procession of Dara Shikoh ki Barat.	
	f. Perspective is painstakingly depicted in the line of figures on the	
	left decreasing in size on a receding ground?	
	(a) Krishna lifting Mount Govardhana.	
	(b) Kabir & Raidas.	
	(c) Falcon on a Bird rest.	
Q.2	(d) Marriage Procession of Dara Shikoh ki Barat. Section : Second	2x3= 6
ч. ∠		Evaluation
	Evaluate the compositional arrangement of any three of the following in	
	short:	
	a. Marriage procession of Dara Shikoh ki Barat.	
	b. Krishna Lifting Mount Govardhana.	
	c. Chand Bibi playing Polo.	
	d. Hazarat Nizamuddin Auliya and Amir Khusro.	
Q.3	Section : Third	3x2= 6
	Appreciate the painting of Mughal School of Art based on-	НОТ
	(i) Artist Name (ii) Medium (iii) Subject Matter (iv) Composition	
	(a) Falcon on Bird rest.	

	(b) Birth of Saleem	
Q.4	Section : Fourth	6x1=6
	Write a brief notes on any one of the following:	Understanding
	(a) The main characteristics of Deccan School of Art.	
	(b) Main features of Mughal School of Art.	
Q.5	Section : Fifth	6x1= 6
	Write Origin & development of Deccan School of Art.	AnalyticalSkill





Subject: Physical Education Allotment Date: 17 August 2022

S.NO.	QUESTIONS	MARKS	NATURE
Part-A	 The Back Scratch test for upper body flexibility is executed in a position of Sitting Standing. Jogging. Walking. 2) 50M run/walk aims to measure an athlete's 	1X8=8	Remembering
	I) Endurance II) Speed III) Strength IV) Agility		
	 3) Which of the following equipment is not required for six minute walk test? I) Measuring tape II) Stop watch III) Chair IV) Ruler 		
	 4) What does BMI measure? I) Body fat calculated on the basis of Height and Weight. II) The range of weight required to remain healthy. III) The amount of weight to reduced to remain healthy. IV) None of these. 		
	 5) Endurance depends upon: I) Maximal oxygen uptake II) White muscles fiber III) Body weight IV) Joint articulation 		
	 6) Speed determine factor is. I) White muscle fiber II) Red muscle fiber III) Cardio vascular endurance 		
	 7) Contusion is. I) Cut over skin II) Crushing and damage of soft tissues III) Damage over muscles IV) Displacement of bone 		

	8) Cardio-respiratory system improves the:		
	I) Heart size		
	II) Lung volume		
	III) New capillaries		
	IV) All of the above		
Part-B	Following questions in 60 to 90 words:		
1.	Name the Test items of SAI Fitness Test and their purpose.	3	Understandin
			g
2.	How speed can be tested? Explain	3	Application
3.	What are the effects of exercises on endurance.	3	Understandin
			g
4.	Explain two soft tissue injuries	3	Understandin
			g
Part-C	Answer the following question in 150 to 180 words		
1.	Discuss the computation of BMR	5	Understandin
			g
2.	Explain any three test of Senior Citizen to check fitness ability	5	Knowledge
3.	Describe the management of Sprain and Strain injuries.	5	Understandin
			g
4.	Expalin the effects of exercises on muscular system.	5	Knowledge





Subject: Health and Physical Education Allotment Date: 17 August 2022

S.N	QUES	STIONS	NATURE	MARKS
1	MCQ		Understanding)	5×1=5
	A)	How many players from each team are allowed to be on the field?		
	i.	7		
	ii.	5		
	iii.	6		
	iv.	8		
	B) i. ii. ii. iv.		Informatory	
	C)	Penalties are thrown from what distance?	Analytical	
	i.	9 m		
	ii.	7m		
	iii.	4m		
	iv.	11m		
	D)	Which team won the European Champion Cups from	Informatory	
		1996-2000?		
	i. ii.	Zagreb Kiel		
	iii.	Barcelona		
	iv.	Magdeburg		
	IV.	Magacourg		

	 E) Who is Babacar Fall? i. Architect of African Handball ii. Italian Handball coach iii. American Handball player iv. Former president of European Handball Federation 	Understanding	
2.	Fill in the blanks: - The first national handball championship was held in	Informatory	3X1=3
	Players may only take steps after catching the Ball.	Understanding	
	Players may only hold onto the ball for seconds.	Understanding	
3.	True or false: - The game begins with a jump ball.	Understanding	2 X1= 2
	Violations mean a free shot is taken.	Understanding	





Subject: Work Experience Allotment Date: 17 August 2022

S. NO.	QUESTIONS	MARKS	NATURE
1.	Who invented wood carving?	1	Innovative Approach
2.	Which state is famous for wooden craft?	1	Rational Thinking
3.	Which wood is used for wood carving in India?	1	Creative thinking
4.	What's the difference between whittling and carving?	1	Innovative Approach
5	Where did wood carving originated?	1	Rational Thinking
6.	How do you prepare wood for carving?	1	Creative Skills
7	Which city is famous for handicraft in India?	1	Presentation skills
8.	What is the importance of carving?	1	Creative thinking
9.	What is the purpose of carving?	1	Innovative Approach
10.	Which temple is famous for wooden work?	1	Rational Thinking





Subject: Karate (Martial Art) Allotment Date: 17 August 2022

Allotment Date: 17 August 2022			
S.N	QUESTIONS		
1.	What is the attention position of karate ?	1X10=10	
	A. Shikodachi B. Heikodachi C. Zenkotsudachi D. Niquashi dachi		
2.	What is the Japanese name of groin kick?		
	A. Uke B. Ippon C. Kata D. Kenteki gari		
3.	Japanese name of karate class is?		
	 A. Dojo B. Heikodachi C. Zenkotsudachi D. None of these 		
4.	What is the meaning kensetsu gari ?		
	 A. Knee kick B. Groin kick C. Face kick D. Middle kick 		
	FILL IN THE BLANKS		
5.	word is used for chief instructor.(shihan,sensei)		
6	Japanese name of side kick is(yuko gari,mae gari)		

7.	Gaidan tsuki is the namepunch. (lower punch,upper punch)	
8.	TRUE AND FALSE	
9.	Dojo is the name of karate training place.	
9. 10.	Mitobi gari is the japanese name of flying maegari.	
	Sensei is the japanese name of chief player.	