ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2020-2021

WORKSHEET

Subject: English   **Assignment No. : 3**

Allotment Date: 16 June 2020

S. NO.	QUESTIONS	MARKS 40	NATURE
1	Kavita had a discussion with her friend on Information Technology .After getting from a lot of ideas from her,she decides to write on Information Technology for her school magazine in about 200 words .Imagine you are Kavita. Write the article.	6	Information
2	Read the extract given below and answer the questions that follow. (A)"Now we will count to twelve And we will all keep still" QUESTIONS i. Name the poem and the poet of these lines.	4+4=8	Understanding

	ii. Why does the poet ask us to count to twelve?		
	iii. Why does the poet ask us to keep still?		
	iv. What is the message of the poet in the above stanza?		
	(B) "Break O break open till they break the town		
	And show the children to green fields, and make their world		
	Run azure on gold sands ,and let their tongues		
	Run naked into books the white and green leaves open		
	History theirs whose language is the sun"		
	i. ′Break O break open′. What should they break?		
	ii. Explain ,'…..till they break the town.'		
	iiiWhere will their world extend up to then?		
	ivWhat other freedom should they enjoy ?		
3	'Give an account of the Maharaja' s impatience for the hundredth tiger and the actual encounter. What do you think caused the death of the Tiger King?	**6**	HOT
4	.Answer the following questions in 30-40 words	**2x4=8**	Evaluation

	a.)When did the Maharaja decide to double the land tax for a village ? b.)What happened when Charley went to the Grand Central Station with the old-styled currency bills ? c.)How might a huge silence interrupt the sadness of men ?. d.)What did Douglas experience as he went down to the bottom of the pool for the first time ?		
5	Give an account of the fears and emotions of Douglas as he made efforts to save himself from being drowned in the Y.M.C.A swimming pool .	**6**	Analytical Skill
6	Firozabad presents a strange paradox. Contrast the beauty of the glass bangles of Firozabad with the misery of the people who produce them.	**6**	Critical Thinking and Problem Solving

ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2020-2021

WORKSHEET

Subject: Hindi   **Assignment No. : 3**

Allotment Date: 16 June 2020

S. NO.	QUESTIONS	MARKS	NATURE
1	प्राथमिक कक्षाओं में प्रवेश दिलाने में अभिभावकों को समस्या का सामना करना पड़ता हैशिक्षा निदेशक को पत्र लिखिए		5	Information
2	"मैगी कि बिक्री पर रोक क्यों" विषय पर फीचर लिखिए|	5	Understanding
3	राजस्थान में जल संग्रह के लिए बनी कुई किसी वैग्यानिक खोज से कम नही है स्पष्ट कीजिए|	5	HOT
4	1. संचार के साधन कौन - कौन से हैं**?** 2. फीडबैक किसे कहते हैं**?** 3. जनसंचार किसे कहते हैं**?** 4. भारत में छपने वाला पहला अख़बार कौन सा है**?** 5. प्राचीन काल में संदेश किस तरह दिए जाते थे**?**	5	Interdisciplinary
5	"जीवन संघर्ष है स्वप्न नही" विषय पर अनुच्छेद लिखिए|	5	Analytical Skill
6	"मीडिया कि विश्वनीयता पर लगते प्रश्न चिन्ह" विषय पर आलेख लिखिए|	5	Critical Thinking and Problem Solving
7	पाठ के किन अंशों से समाज की यह सच्चाई उजागर होती है कि पुरुष के बिना स्त्री का कोई अस्तित्व नही है| क्या वर्तमान समय में स्त्रियों की इस सामाजिक स्थिति में कोई परिवर्तन आया है ? तर्क सहित उत्तर दीजिए|	5	Evaluation
8	निम्नलिखित गद्यांश को पढ़ कर प्रश्नों के उत्तर दीजिए - डॉ. कलाम दृढ़ इच्छाशक्ति वाले वैज्ञानिक थे। वे भारत को विकसित देश बनाने का सपना संजोए हुए थे। उनका मानना था कि भारतवासियों को	**5**	Communication Skills

व्यापक दृष्टि से सोचना चाहिए। हमें सपने देखने चाहिए। सपनों को विचारों में बदलना चाहिए। विचारों को कार्यवाही के माध्यम से हकीकत में बदलना चाहिए। डॉ. कलाम तीसरे ऐसे वैज्ञानिक हैं, जिन्हें भारत का सर्वोच्च सम्मान 'भारत रत्न' दिया गया। उन्हें 'पद्मभूषम' तथा 'पद्मविभूष्ण' से भी सम्मानित किया गया। भारत को उन पर गर्व है। इतनी उपलब्धियाँ प्राप्त करने के बावजूद अहंकार कलाम जी को छू तक नहीं पाया। वे सहज स्वभाव के एक भावुक व्यक्ति थे। उन्हें कविताएँ लिखना, वीणा बजाना तथा बच्चों के साथ रहना पसंद था। वे सादा जीवन उच्च विचार में विश्वास रखते थे। कलाम साहब का जीवन हम सभी के लिए प्रेरणादायक है। कलाम जी तपस्या और कर्म ठता की प्रतिमूर्ति हैं। राष्ट्रपति पड़ की शपथ लेते समय दिए गए भाषण में उन्होंने कबीरदास जी के इस दोहे का उल्लेख किया था - 'काल करे सो आज कर, आज करे सो अब'।

(क) डॉ. कलाम ने भारत को क्या बनाने का सपना देखा है?

अल्प विकसित देश

विकसित देश

निर्मित देश

विकासशील देश

(ख) डॉ. कलाम किस प्रवृत्ति के व्यक्ति थे?

असहज

दयालु

भावुक

क्रूर

(ग) डॉ. कलाम एक दृढ़ इच्छाशक्ति वाले _____ थे?

वैज्ञानिक

कलाकार

साहित्यकार

इनमें से कोई नहीं

(घ) डॉ. कलाम को क्या - क्या बेहद पसंद था?

(ड़) डॉ. कलाम को किन-किन सम्मानों से सम्मानित किया गया?

(च) डॉ. कलाम की तरह आप भारत को आगे बढ़ाने के लिए क्या प्रयास करेंगे। | | |

Subject: Mathematics   **Assignment No. : 3**

Allotment Date: 16 June 2020

S. NO.	QUESTIONS	MARKS	NATURE
1	If $\sin^{-1}x = y$, then: (a) $0 \leq y \leq \pi$ (b) $0 < y < \pi$ (c) $-\frac{\pi}{2} \leq y \leq \frac{\pi}{2}$ (d) $-\frac{\pi}{2} < y < \frac{\pi}{2}$	1	Information
2	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	Understanding
3	The domain of $\sin^{-1}x$ is: (a)[0,1] (b)[-1,1] (c)$[-\frac{1}{2}, \frac{1}{2}]$ (d)[-2,2]	1	HOT
4	The domain of $\sin^{-1} 2x$ is: (a)[0,1] (b)[-1,1] (c)$[-\frac{1}{2}, \frac{1}{2}]$ (d)[-2,2]	1	Understanding
5	$\sin(\tan^{-1}99 + \cot^{-1}99)$ is equal to: (a)0 (b)-1 (c)1/2 (d) 1	1	Analytical Skill
6	If $\sin^{-1}x + \sin^{-1}y = \frac{\pi}{2}$, then the value of $\cos^{-1}x + \cos^{-1}y$ is: (a)$\frac{\pi}{2}$ (b) π (c)0 (d) $\frac{2\pi}{3}$	1	Understanding

7	If $\tan^{-1}x + \tan^{-1}y = \frac{\pi}{4}$, then the value of y+x+yx is equal to: (a)1 (b)$\sqrt{3}$ (c)-1 (d)$\frac{1}{\sqrt{3}}$	1	Understanding
8	If $\tan^{-1}3 + \tan^{-1}y = \tan^{-1}8$, then x is: (a) $\frac{1}{\sqrt{3}}$ (b)$\sqrt{3}$ (c) 5 (d)$\frac{1}{5}$	1	Understanding
9	Evaluate: $\sin[\frac{\pi}{3} - \sin^{-1}(-\frac{1}{2})]$	1	I HOT
10	Evaluate: $\tan(\cos^{-1}\frac{8}{17})$	1	Understanding
11	Evaluate: $\tan[\frac{1}{2}\sin^{-1}\frac{3}{5}]$	1	HOT
12	Evaluate: $\cos^{-1}(\cos\frac{2\pi}{3}) + \sin^{-1}(\sin\frac{2\pi}{3})$	1	HOT
13	Prove that: $\tan^{-1}\frac{1}{4} = \frac{1}{3}\cot^{-1}\frac{52}{47}$	2	Analytical Skill
14	Solve: $\cos(\tan^{-1}x) = \sin(\cot^{-1}\frac{3}{4})$.	2	Analytical Skill
15	Show that: $\tan(\frac{1}{2}\sin^{-1}\frac{3}{4}) = \frac{4-\sqrt{7}}{3}$	2	Interdisciplinary
16	Solve: $\tan^{-1}x + 2\cot^{-1}x = \frac{2\pi}{3}$	2	Critical Thinking and Problem Solving
17	Solve: $\tan^{-1}1 + \tan^{-1}2 + \tan^{-1}3 = \pi$	2	Interdisciplinary
18	Solve: $\tan^{-1}2x + \tan^{-1}3x = n\pi + \frac{3\pi}{4}$, $n\in Z$	4	Critical Thinking and Problem Solving
19	If $0 < ab, bc, ca < 1,$ prove that: $\text{Cot}^{-1}(\frac{ab+1}{a-b}) + \text{Cot}^{-1}(\frac{bc+1}{b-c}) + \text{Cot}^{-1}(\frac{ca+1}{c-a}) = 0.$	4	Critical Thinking and Problem Solving
20	Solve: $\tan^{-1}\frac{2x}{1-x^2} + \cot^{-1}\frac{1-x^2}{2x} = \pi/3$.	4	Critical Thinking and Problem Solving

| 21 | If $\cos^{-1}\frac{x}{a} + \cos^{-1}\frac{y}{b} = \alpha$, then prove that $\frac{x^2}{a^2} - \frac{2xy}{ab}\cos\alpha + \frac{y^2}{b^2} = \sin^2\alpha$ | 6 | Critical Thinking and Problem Solving |

ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2020-2021

WORKSHEET

Subject: Biology   **Assignment No. : 3**

Allotment Date: 16 June 2020

S. NO.	QUESTIONS	MARKS	NATURE
1	How do the back cross and test cross differ?	02	Information
2	The male fruit fly and female fowl are heterogametic while the female fruit fly and the male fowl are homogametic. Why are they called so?	02	Understanding
3	Work out a cross to find the genotype of a tall pea plant. Name the type of cross.	02	
4	What is codominance? Explain it with a suitable example. How does it differ from incomplete dominance?	03	

5	A man having blood group A is married with an woman having blood group B. Work out the genotype of man and woman if their one of the children is born with blood group O. What is the possible genotype of other offspring Distinguish between gametogenesis and embryogenesis.	04	HOT
6	Name the animal in which sex is determined by chromosomes ? Who proposed the first induced mutation	02	Interdisciplinary
7	A cross between a red flower bearing plant and a white flower bearing plant Antirrhinum produced all plants having pink flower. Work out a cross to explain how this is possible . Write a short account of chromosomal theory of inheritance.	03	Analytical Skill
8	Explain the pattern of inheritance of haemophilia in humans.	03	
9	why is the possibility of the human female becoming haemophilic extremely rare? Explain.	03	

10	A normal male marries a carrier female for haemophilia. What is the possibility of male child being haemophilic and what is the probability of female carrier? What is the probability of female child infected.	**03**	Critical Thinking and Problem Solving
11	Even if a character shows multiple allelism, an individual will only have to alleles for that character . Why?	**03**	Evaluation
12	Explain the sex determination mechanism in humans. How is it different from birds? Determine the genotype of off springs in a cross between normal male and female cockroaches.	**05**	

13	The gene A,B,C and D are located on the same chromosome in such a way that the distance between A and B is 7 map units, between B and c 2 map units, between C and D is 4.5map units. What is the distance between A and D? What is the probability of linkage between B and D and between A and D?	05	Communication Skills

ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2020-2021

WORKSHEET

Subject: Chemistry   **Assignment No. : 3**

Allotment Date: 16 June 2020

S. NO.	QUESTIONS	MARKS	NATURE
1	Why are substances like platinum and palladium often used for carrying out electrolysis of aqueous solutions?	2	Analytical Skills
2	Why does physisorpton decreases with the increase in temperature?	2	Understanding
3	Distinguish between physisorption and chemisorption.	2	Information
4	Define adsorption and absorption with example.	2	Information
5	What is shape selective catalysis?	2	Information
6	Why are powdered substance more effective adsorbent than their crystalline form?	2	Understanding
7	What are enzymes ?Write in brief the mechanism of enzyme catalyses	3	Interdisciplinary
8	What modification can you suggest in Hardy Schulze law?	3	HOT

S. NO.	QUESTIONS	MARKS	NATURE
9	Adsorption of a gas on the surface of solid is generally accompanied by decrease in entropy ,still it is spontaneous process. Explain.	3	HOT
10	Explain Freundlich Adsorption Isotherm with the help of graph	3	Interdisciplinary
11	Classify colloids on the bases of type of particle of dispersed phase.	3	Information
12	Why electro-dialyses is faster than dialyses? Explain with the help of diagram.	3	Interdisciplinary
13	Write main points of Adsorption theory of Heterogeneous catalysis.	5	Information
14	How will you prepare colloids by a.Chemical methods b.Bredig's Arc method c.Peptisation	5	HOT

ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2020-21

WORKSHEET

Subject: Physics   **Assignment No.: 3**

Allotment Date: 16 June 2020

S. NO.	QUESTIONS	MARKS	NATURE
1	Calculate the energy associated in eV with a photon of wavelength 4000A°	2	Interdisciplinary
2	What is the rest mass of photon?	2	Understanding
3	What is the stopping potential applied to a photocell, if the maximum kinetic energy of electrons emitted is 5 eV	2	Information
4	The wavelength of electromagnetic radiation is doubled .What will happen to the energy of photon?	2	Interdisciplinary
5	a)What is the velocity of photon ? b) Who initially discovered photoelectric effect	2	Analytical Skill
6	Define electron volt. Give value of 1eV.	2	Understanding
7	Calculate the threshold frequency of photon for photoelectric emission from a metal of work function of 0.1 ev	3	Communication skill
8	An increase in the intensity of incident light does not change the maximum velocity of the emitted photo electrons . Why?	3	Analytical Skill
9	If the photo emissive surface has a threshold frequency of 4.6×10^{14} Hz .Calculate the energy of photon in eV.	3	Information
10	Two metal A and B have work function 2ev and 4ev respectively. Which metal has a lower threshold wavelength photoelectric effect?	3	Evaluation

11	Draw a plot showing the variation of photoelectric current varies the intensity of incident radiation on a given photosensitive surface.	3	HOT
12	Copper is to be used as a photosensitive material .can it be used to give rise to photoelectric effect when used with green ,red and ultraviolet light? Name a material more photosensitive and zinc or copper.	3	HOT
13	Obtain the expression for the maximum kinetic energy of the electrons emitted from a metal surface in terms of frequency of the incident eradiation threshold frequency.	5	Critical thinking and Problem solving
14	a) Write Einstein's photoelectric equation. b) State clearly how this equation is obtain using the photon picture of electromagnet radiation. c) Write three salient features which can be explain by this equation.	5	Interdisciplinary

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CLASS -XII

ACADEMIC SESSION 2020-2021

WORKSHEET

Subject: Accountancy   **Assignment No. : 3**

Allotment Date: 16 June 2020

S. NO.	QUESTIONS	MARKS	NATURE
1	Accounting ratio is a numerical relation between two accounting variables of …………. a. Income statement b. Balance sheet c. Financial statements d. Income statement or balance sheet	1	Understanding
2	While computing Current ratio,………… are excluded from inventories to ascertain the current assets. a. Loose tools b. Stores and spares c. Loose tools and stores & spares d. Provision for doubtful debts	1	Knowledge
3	.....................turnover ratio is considered good as it signifies better use of resources. a. Lower b. Higher c. Average d. Medium	1	Analyzing
4	State whether the decrease in rent paid by Rs.15,000 will ....the gross profit ratio. a. Increase b. Decrease c. Not change d. None of the above	1	Reasoning
5	Excess of current assets over current liabilities is called...............................	1	Knowledge
6	Bank Manager should examine..............and ....ratio while granting 3 years loan to a company.	1	Knowledge

7	The Debt Equity Ratio of X ltd. is 1:2. What is the effect of conversion of debentures into preference shares on this ratio?	1	Knowledge
8	What is meant by Activity Ratio?	1	Knowledge
9	What is Operating Cost?	1	Knowledge
10	How the 'earning capacity of a business' is assessed by Financial Statement Analysis?	1	Reasoning
11	From the following information related to Naveen Ltd. calculate (a) Return on Investment and (b) Total Assets to Debt Ratio. Information : Fixed Assets Rs.75,00,000; Current Assets Rs.40,00,000; Current Liabilities Rs.27,00,000; 12% Debentures Rs.80,00,000 and Net Profit before Interest, Tax and Dividend Rs.14,50,000. (AI 2015)	3	Knowledge and problem solving
12	(a) What is meant by solvency of business ? (b) From the following details obtained from the financial statements of Jeev Ltd., calculate interest coverage ratio : Net Profit after tax Rs.1,20,000, 12% Long-term Debt Rs. 20,00,000, Tax Rate 40%. (DELHI 2016)	3	Remembering and problem solving
13	From the following information obtained from the books of Kundan Ltd., calculate the inventory turnover ratio for the years 2015 − 16 and 2016 – 17 : 2015 − 16 2016 − 17 Inventory on 31st March 7,00,000 17,00,000 Revenue from operations 50,00,000 75,00,000	4	Critical thinking

	(Gross profit is 25% on cost of revenue from operations) In the year 2015 − 16, inventory increased by Rs.2,00,000. (AI 2018)		
14	(a) From the given information, calculate the following ratios : (i) Operating Ratio (ii) Inventory Turnover Ratio *Information :* Cash Revenue from Operations : Rs. 10,00,000 Credit Revenue from Operations : 120% of Cash Revenue from Operations Operating Expenses : 10% of Total Revenue from Operations Rate of Gross Profit : 40% Opening Inventory : Rs. 1,50,000 Closing Inventory : Rs. 20,000 more than Opening Inventory (b)(i) Net profit after interest and tax of M Ltd. was Rs. 1,00,000. Its Current Assets were Rs. 4,00,000 and Current Liabilities were Rs. 2,00,000. Tax rate was 50%. Its Total Assets were Rs. 10,00,000 and 10% Long term debt was Rs. 4,00,000. Calculate Return on Investment. (ii) Rate of Gross profit on Revenue from operations of a company is 25%. Its Gross profit is Rs. 5,00,000. Its Shareholders' Funds are Rs. 25,00,000; Non-current Liabilities are Rs. 8,00,000 and Non-current Assets are Rs. 23,00,000. Calculate its Working Capital Turnover Ratio. (COMPARTMENT 2019)	6	Knowledge and problem solving
15	State with reason whether the following transactions will increase, decrease or not change the 'Return on Investment' : (i) Purchase of machinery worth Rs.2,00,000 by issue of equity shares. (ii) Charging depreciation of Rs.5,000 on machinery.	6	Knowledge and Critical Thinking

	(iii) Redemption of debentures in cash Rs.70,000.		
	(iv) Converting Rs.50,000, 9% debentures into equity shares.		
	(FOREIGN 2017)		
16	(a) Calculate Revenue from operations of BN Ltd. From the following information :	**8**	Knowledge and problem solving
	Current assets Rs. 8,00,000.		
	Quick ratio is 1.5 : 1		
	Current ratio is 2 : 1.		
	Inventory turnover ratio is 6 times.		
	Goods were sold at a profit of 25% on cost.		
	(b) The Operating ratio of a company is 60%. State whether 'Purchase of goods costing Rs. 20,000' will increase, decrease or not change the operating ratio.		
	(c) Calculate 'Total Assets to Debt ratio' from the following information :		
	Equity Share Capital 4,00,000		
	Long Term Borrowings 1,80,000		
	Surplus i.e. Balance in statement of Profit and Loss 1,00,000		
	General Reserve 70,000		
	Current Liabilities 30,000		
	Long Term Provisions 1,20,000		
	(d) The Debt Equity ratio of a company is 1 : 2. State whether 'Issue of bonus shares' will increase, decrease or not change the Debt Equity Ratio. (AI 2019)		

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

Allotment Date: 16 June 2020

.NO.	QUESTIONS	MARKS	NATURE
1	Swach Bharat Abhiyan started by BJP Government is part of: a. Legal environment b. Social environment c. Political environment d. Economic environment	1	Knowledge
2	"Sudden announcement of demonetization by our Prime Minister" is an example of which feature of business environment? a. Relativity b. Specific and general forces c. Inter related d. Uncertain	1	Analyzing
3	The business environment has ………………impact on different Business Enterprise.	1	Knowledge
4	Freedom in fixing the prices of goods and services is part of ………………….	1	Understanding
5	State true/false Condition prevailing in business environment have same effect on all the organisation.	1	Understanding
6	State true/false After New Economic Policy, the customers become more	1	Understanding

	demanding.		
7	What is meant by business environment?	1	Remembering
8	What is included in ' Political Environment' of business ? State.	1	Understanding
9	What is meant by 'Privatisation'?	1	Knowledge
10	What is included in 'Legal Environment' of business? State.	1	Understanding
11	'Accent Electronics Ltd.' was operating its business in Malaysia. The company started exporting its products to India when the Prime Minister announced relaxation in import duties on electronic items. The company appointed retailers in India who had direct on-line links with the suppliers to replenish stocks when needed. Identify and explain the dimensions of business environment discussed in the above case.	3	Understanding and analyzing
12	In an environment of rising petroleum prices and a large middle class population in India, KV Motors Ltd.recognized the need for small cars in India. It created a product far superior than their competitors not only in terms of quality but also in terms of overall driving experience. It soon became the leader in the small car market. As the Indian government was encouraging foreign investment, MNCs having a big name in car manufacturing entered the Indian market. KV Motors further expanded its service network and quality creating an entry barrier for the competitors. It depicted its strengths through various brandbuilding activities. As a result, the market share of KV Motors is refusing to go down in spite of all major automakers as its competitors.	3	Understanding

	(a) Identify the economic reforms highlighted in the above case. (b) Quoting the lines, explain any two points of importance of Business Environment being highlighted in the above case.		
14	Mahinder Agro Ltd. started a new venture for distribution of harmful and chemical free fertilizers vegetables. They conducted a survey to find out consumer preferences for such vegetables. They found that most of the consumers were concerned about the harmful chemicals being used in growing the vegetables. They found out that 90% of the households were searching for alternatives. The company contacted a group of agricultural experts to lay down the procedure for growing the vegetables by the farmers. They decided to train the farmers in new technology to grow chemical free vegetables according to new innovative methods. The experts also suggested soil management techniques through which farmers would be able to create an abundant and lasting harvest. Identify and explain the two dimensions of business environment highlighted in the above para.	4	Understanding and remembering
15	'Konark Ltd.' is an electric goods manufacturing enterprises situated in Shivpuri, Madhya Pradesh. It is earning a very low revenue in comparison to a competing electronic goods manufacturing enterprise, 'Nova Ltd.' situated in Mumbai. Both Konark's and Nova's operations are affected directly by the investors, customers, competitors and suppliers, which are unique to their respective locations. In addition to this, individual forms of this field are affected indirectly by the factors like the money supply in the economy, composition of the families, the technological changes, etc. (a) Identify and state the feature of the concept discussed in the above paragraph. (b) Also, state any four points of importance of this concept.	5	Analyzing and Remembering

| 16 | Nandrachal Networks and Technologies Ltd. is a leader in technology innovation in U.S.A. creating products and solutions for a connected world. It has a large Research and Development team which invented the first smart watch W-I, which besides showing the time would also

monitor few health parameters like heart beat, blood pressure, etc. While in search of markets abroad, the company found that in India, the reform process was underway with the aim of accelerating the pace of economic growth. The company decided to take advantage of the fact that licensing requirements had been abolished. The company was also aware that

there had been increased level of interaction and interdependence among the various nations of the world and India could be made a base for its international trade. It set up its office in Gujarat with a view to capture

the Indian market. In a short span of time, the company emerged as a market leader. Success of the company attracted many other players to enter the market. Competition resulted in reduction in prices, thereby

benefitting the customers.

(a) In the above paragraph, two major concepts related to government policy have been discussed. Identify and explain those concepts.

(b) Also, explain briefly any three impacts of those concepts on Indian business and industry. | **5** | Understanding |
| 17 | India's craft heritage continues because if its customs and traditions. Crafts are used not only in the country by craftsmen in Rajasthan, Gujarat and Assam but are also exported to USA, Germany, UK and France. The volume of exports and imports give India an advantage in balance of payments and the much needed foreign exchange

reserves. The Prime Minister desires that the handicraft industry should be expanded by linking it with technology. Focus should be on changing the manufacturing process, ensuring durability and adapting innovations. Quoting the lines from the above para, explain four dimensions of the business environment. | **6** | Understanding |

ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2020-2021

WORKSHEET

Subject: History   **Assignment No. : 3**

Allotment Date: 16 June 2020

S. NO.	QUESTIONS	MARKS	NATURE
1	Part- A *Answer the following objective type questions:* i). Uluq is the ----------. a) Foot postal system b) Airways postal service c) Road postal service d) Horse postal service ii). What do you understand by 'Qazi' ? a) A judge b) A pundit c) A Mulla d) A wakil iii) Indicate which of the following option is not correct. Al-Biruni's views about Indian society a) Sanskrit texts laid down the rules of caste system. b) Caste systems were not so rigid. c) Social divisions were unique to India. d) Caste system was laid down from the point of view of Brahmanas. iv) Name the ruler who took Al- Biruni under his patronage and brought him to Ghazni. v) Bernier dedicated his book to French emperor------------. vi) The palanquins to carry people by slaves were called------ . vii) The literal meaning of Alvars is ----- and Nayanars is----- . viii) Choose the correct option: Sayings composed in Kannada by women and men of Vishnu tradition are called----- a) Tevaram	(10x1=10)	Information

	b) Vachanas		
	c) Abhangs		
	d) Jangama		
	ix) Scholars of Islamic studies and Knowledge of ilm were known is----		
	a) Sharia		
	b) Ulama		
	c) Maulvi		
	d) Quazi		
	x) Wandering monks of Lingayat tradition were called------ .		
2	Part- B *Answer the following questions in short:* Compare and contrast the perspectives from which Ibn Battuta and Bernier wrote their accounts of their travels in India.	**3**	Critical Evaluation
3	Write a note on the Kitab-ul-Hind.	**3**	Understanding
4	What were the 5 principles of Islam?	**3**	Understanding
5	Analyse the influence that the Tamil bhakti saints had on the Chola rulers.	**3**	HOT
6	Part- C *Long questions answers:* Do you think Ibn Batutta's account is useful in arriving at an understanding of life in contemporary urban centres? Give reasons for your answer. Or Analyse the relations which existed between the Chishtis Sufi saints and the state.	**8**	Analytical evaluation

7		(2+2+2=6)	Application and understanding

Read the passage given below carefully and answer the questions that follow:

Declining a royal gift

This excerpt from a sufi text describes the proceedings are Shaikh Nizamuddin Auliya's hospice in 1313.

I (the author, Amir Hasan Sijzi) had the good fortune of kissing his (Shaikh Nizamuddin Auliya,s) feet… At this time a local ruler had sent him the deed of ownership to two gardens and much land, along with the provisions and tools for their maintenance. The ruler had also made it clear that he was relinquishing all his rights to both the gardens and land. The master… had not eccepted that gift. Instead, he had lamented: " What have I to do with gardens and fields and lands?... None of …our spiritual masters had engaged in such activity."

Then he told an appropriate story: "… Sultan Ghiyasuddin, who at that time was still known as Ulugh Khan, came to visit Shaikh Fariduddin (and) offered some money and ownership deeds for four villages to the Shaikh, the money being for the benefit of the dervishes (Sufis). And the land for his use. Smiling, Shaikh al Islam (Farduddin) said: 'Give me the money. I will dispense it to the dervishes. But as for those land deeds, keep them. There are many who long for them. Give them away to such persons."

Questions:

   a) What aspects of the relationship between the Sufis and the state do you think are the best illustrated in this account?
   b) What does the account tell us about the modes of communication between the Shaikhs and his disciples?
   c) Why were there instances of conflict between the Sultan and the Sufis?

8	On the political map of India locate and mark the following: a) Two cities where Ibn Batutta visited. b) Two cities where major sufi shrines are situated.	(2x2=4)	Identification and locating

Subject: Political Science   **Assignment No.: 3**

Allotment Date: 16 June 2020

S. NO.	QUESTIONS	MARKS	NATURE
1	Objective Type Questions: a) Which one of the following is not a demerit of single party system? a) too democratic b) No individual liberty c) hero worship d) State is taken as an end in itself b) In first general elections of India which party/ parties engaged as main oposition party? a) Bhartiya Jan Sangh b) Swantantra party c) Communist party d) Socialist party c) Development means a) Increase in national income from one year to another. b) Increase in real per capita income over an extended period of time. c) Increase in real investment over a period of time. d) The national income should keep pace with the increase in population.	**(10x1=10)**	Information

	d) An underdeveloped country is one which has good potential prospects for using:
	
	   a) More Capital
	   b) More available natural resources
	   c) More Labour
	   d) More Capital , Labour and available natural resources
	
	e) The movement for a separate Andhra was called
	
	   a) Allandhra
	   b) Miniandhra
	   c) Halfandhra
	   d) Vishalandhra
	
	f) Which among the following statements about the partition is incorrect?
	
	   a) Partition of India was the outcome of the "two-nation theory."
	   b) Punjab and Bengal were the two provinces divided on the basis of religion.
	   c) East Pakistan and West Pakistan were not contiguous.
	   d) The scheme of Parliament included a plan for transfer of population across the border.
	
	g) The founder of Independent Labour Party was------- .
	
	   a) Acharya Narendra Dev
	   b) Babasahab Bhimrao Ramji Ambedkar
	   c) Rafi Ahmed Kidwai
	   d) K.M. Munshi
	
	h) When and by whom PRI was founded?
	
	i) --------- was the architect of India, planning.
	
	j) --------- sheets were achieved by Congress in the 1952 election.		

2	What do you mean by charismatic leader-oriented party?	2	Understanding
3	Did the prevalence of a 'one party dominant system' affect adversely the democratic nature of Indian Poltics?	4	Critical evaluation

4	What were the major outcome of the Planned Economy?	**4**	Understanding
5	Explain the major thrust of the First Five Year Plan? In which ways did the second plan differ from the first one?	**4**	Evaluation
6	Read the extract given below carefully and answer the questions that follow: " Patel, the organisational man of the Congress, wanted to purge the Congress of other political groups and sought to make of it a cohesive and disciplined political party. He ... sought to take the Congress away from its all- embracing character and turn it into a close- knit party of disciplined cadres. Being a 'realist' he looked more for discipline than for comprehension, While Gandhi took too romantic a view of "carrying on the movement," Patel's idea of transforming the Congress into strictly political party with a single ideology and tight discipline showed an equal lack of understanding of the eclectic role that the Congress, as a government, was to be called upon to perform in the decades to follow." ------ Rajni Kothari Questions: a) Why does the author think that Congress should not have been a cohesive and disciplined party? b) Give some examples of the eclectic role of the Congress Party in the early years. c) Why does the author say that Gandhi's view about Congress future was romantic?	**(2+2+1=5)**	Analytical
7	Look at the cartoon given below (Ch.3,Page no. 56, Part-II) and answer the questions that follow:	**(1+2+2=5)**	Analytical and understanding
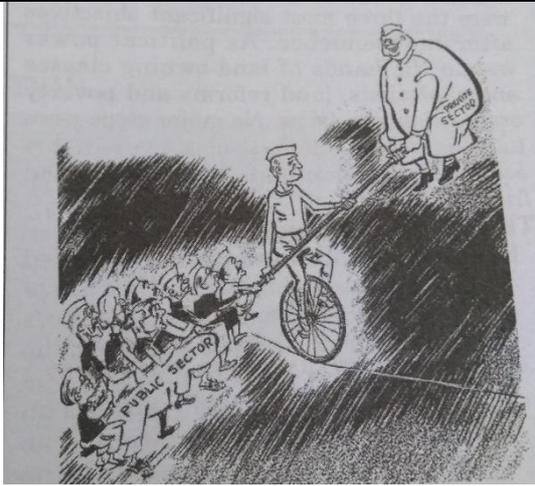
Questions:

   a) Identify and name the person who is holding the balancing beam between the public sector and the private sector.
   b) Why has a big tilt towards the public sector shown in the cartoon?
   c) How did the over-emphasis on public sector adversely affect the Indian economy?

8		6	Understanding
	Write a note on the land Reforms during the Planning Period. OR Write a note on the Emergence of Opposition Party in India.		

Subject: Economics   **Assignment No. : 3**

Allotment Date: 16 June 2020

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	HOT
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) (d) Neither (a) nor (b)	1	Interdisciplinary
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	HOT
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: Physical Education **Assignment No. : 3**

Allotment Date: 16 June 2020

S. NO.	QUESTIONS	MARKS	NATURE

1	Part-A
	
	 Multiple Choice Questions: (1 marks)
	
	 (A) Thewordpersonalityisderived fromtheLatinword_____
	
	     (a) Persona (b)Endomorphy
	
	     (c)Perjona (d)Persoma
	 .
	
	 (B) Traits of High-self-confidence, social, friendly, confident etc. liesin
	
	     (a) Ambivert(b)Etrovert
	 trovert (d)Ectomorphic
	
	 (C) Big-5 theory is alsoknownas_____ .
	
	     (a) Fivefactormodel
	        (b) Five personality model
	
	     (c) Five traits model(d) Five temperament model.
	
	 (D) The word motivation is derived from theLatinword_____
	
	     (a) movere
	        (b)movement
	
	     (c)moorer (d)move
	
	 (E) Reward,cash,punishment fallsinwhichcategoryof -
	
	     (a) External
	        (b)intrinsic
	
	     (c)Psychological (d)Biological
		1x8=8	Assimilation

	(F) Any physical behaviour intentionally aimed to injure other is known as— (a) hostile aggression (b) instrumental aggression (c) assertive aggression (d) negative aggression (G) Unintentional physical harm is known as: (a)hostile (b) instrumental aggression (c)assertive (d) negative aggression (H) Stick to the fitness program is known as a) Fitness (b) Exercise adherence (c) Performance (d)Training		
	Short Answer type Question (3 Marks) *Answer of the following questions in 60-90 words :*		
2	Different motivational techniques works differently for every athlete. Enumerate three motivation technique susedin sports.	3	Application
3	Write any six benefits of exercise. or Enumerate any six Reason to exercise.	3	Application
5	Explain the types of motivation?	3	Understanding & Application
4	Elaborate the Big-5 theory of personality	3	Understanding
Part-C Long Answer type question (5 Marks). *Answer of the following questions in100-120 words :*			
5	Enlist the different motivational techniques used in sports and explain any four techniques in detail.	5	Understanding & Application
6	Explain the concept of food myths with a few examples.	5	Knowledge
7	Personality trait sare very useful for the Identification of sports. How the knowledge of Sheldon's traits are useful in the selection of sports.	5	High order Thinking
8	Define personality. Differentiate between Introvert and extrovert.	5	Understanding & Critical thinking

Subject: Painting   **Assignment No.:3**

Allotment Date: 16 June 2020

S.NO.	QUESTIONS	MARKS	NATURE
	SECTION: First		
Q.1	(a) What is the time period of Deccani School of Art? (i) Circa 1553 – 1565 A.D. (ii) Circa 1565 – 1569 A.D. (iii) Circa 1560 – 1800 A.D. (iv) Circa 1605 – 1615 A.D. (b) To which school, Radha and Krishna looking into a mirror painting is located? (i) Bengal School (ii) Pahari School (iii) Deccan School (iv) Mughal School (c) Who was the founder of Mughal Empire in India? (i) Aurangzeb (ii) Mir Saiyad Ali	1x6=6	Information

Q.2	(iii) Babur
	
	(iv) KhwajaAbdussamad
	
	(d) Mughal art saw its end during the time of which Mughal emperor?
	
	    (i) DaraShikoh
	
	    (ii) Shajahan
	
	    (iii) Auranzeb
	
	    (iv) Akbar
	
	(e) The ink of which colour has been applied calligraphy (Mughal School) –
	
	    (i) Red
	
	    (ii) Blue
	
	    (iii) Black
	
	    (iv) Green
	
	(f)The manuscript 'Najum-al-ulum' contains how many miniatures-
	
	    (i) 375
	
	    (ii) 725
	
	    (iii) 560
	
	    (iv) 876		

SECTION: Second

Q.2	Evaluate the compositional arrangement of any three of the following in short:	**2x3=6**	Evaluation

	(i) Birth of Salim		
	(ii) Kabir and Raidas		
	(iii) Ragini Pat-hamsika		
	(iv) NandYashoda and Krishna		

SECTION: Third

Q.3	General instructions: Answer to be written for each is about 100 words. (a) Identify any relevant painting of the Deccan school included in your course of study. The representation of the landscape background with typical Deccani hills in the Deccani miniatures. (b) The tendency of composing crowded scenes involving too many forms and figures in the Mughal miniature paintings.	**3x2=6**	Hot

SECTION: Fourth

Q.4	General instructions: Answer to be written for each is about 200 words. Write a short notes on any two of the following: (a) Ahmed Nagar Sub-school (b) Basohli school (c) Kangra school (d) Garhwal school of Art	**6x1=6**	Understading

SECTION: Fifth

| Q.5 | General Instruction: Answer to be written in about 350 words.

(a) Write an essay on the origin and development of the Deccan school of miniature painting. | **6x1=6** | Application |