ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: English   **Assignment No. : 1**

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS	NATURE
1	You are Vineeta/Vikram ,School Pupil Leader of Rani Laxmi Bai Senior Secondary School ,Gwalior .Draft a notice for your school notice board in not more than 50 words inviting the names of the students who want to participate in the cultural programme organised in aid of the victim of the recent Assam floods.	4	Information
2	**Read the extract given below and answer the questions that follow.** ″Driving from my parent′s home to Cochin last Friday Morning .I saw my mother , beside me, Doze ,open-mouthed, her face ashen like that Of a corpse and realised with pain That she was an old as she looked but soon Put that thought away. ″ (i)Identify the poem and the poet. (ii)Why was the poetess driving to Cochin? (iii)What was the physical state of her old mother ? (iv)Explain:′ but soon put that thought away′	4	Understanding
3	How did Mr Hamel conduct himself on the last day of his stay in the French school?	6	HOT
4	You were a witness of a daring daylight robbery .When you had gone to your bank for some personal work. Write a report on the incident in about 150-200 words.	10	Interdisciplinary

5	What forces conspire to keep the workers in poverty in the bangle industry ?	6	Analytical Skill
6	You are Rita / Rohan .Write a letter to the Principal of your school suggesting some improvements in the School Canteen.	6	Critical Thinking and Problem Solving
7	Answer the following questions in 30-40 words each. (i)What had been put on the bulletin board ? (ii)Mention the hazards of working in the glass bangle industry ?	2x2=4	Evaluation

ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: Hindi   **Assignment No. : 1**

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS 40	NATURE
1	प्रश्न -1 निम्नंलिखित काव्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए	5 चंचल पग दीपशिखा के घर गृह ,मग वन में आया वसंत सुलगा फाल्गुन का सूनापन सौन्दर्य - शिखाओं में अनंत सौन्दर्य कि शीतल ज्वाला से फैला डर - डर में मधुर दाह आया वसंत , भर पृथ्वी पर स्वर्गिक सुन्दरता का प्रवाह पल्लव - पल्लव में नवल रुधिर पत्रों में मांसल रंग खिला आभा नीली पीली लौ से पुष्पों के चित्रित दीप जला अधरों कि लाली से चुपके कोमल गुलाब के गाल लगा आया पंखुडियो को काले पीले धब्बों से सहज सजा क. यहाँ किस ऋतू का वर्णन किया गया है ? ख. सुलगा फाल्गुन का सूनापन का अर्थ स्पष्ट कीजिए ? ग. इस ऋतू के आने से पत्तों में क्या परिवर्तन हुए? घ. फुल किस प्रकार के लगने लगे ? ङ. काव्यांश का उपयुक्त शीर्षक लिखिए?	5	Information

2	प्रश्न - 2 किसी एक विषय पर निबन्ध लिखिए|	5	Understanding
	क. नारी शिक्षा कि आवश्यकता ख. शहरों में बढ़ते हुए अपराध ग. योग शिक्षा कि आवश्यकता		
3	प्रश्न - 3 मुख्य सड़क पर अनेक रेहड़ियों पर गन्ने का जूस तथा कटे-खुले फल धड़ल्ले से बिक रहे हैं पूजा गोयल की ओर से स्वास्थ्य अधिकारी , जहांगीर पूरी को पत्र लिखकर चिंता व्यक्त कीजिए		5	HOT
4	प्रश्न-4 निम्नलिखित प्रश्नों के उत्तर दीजिए		5	Interdisciplinary
	1. इंटरनेट क्या है ? 2. रेडिओ में कौन कौन सी सुविधाएं उपलब्ध हैं? 3. खबर का सबसे अहम हिस्सा कौन सा होता है? 4. आलेख लिखते समय किन बातों का ध्यान रखना चाहिए ? 5. पत्रकार कितने प्रकार के होते है?		
5	'प्रश्न - 5 "मोबाईल ने कर लिया सबको मुट्ठी में" तथा "पुस्तकों के अध्ययन के प्रति छात्रों कि अरुचि" किसी एक विषय पर फीचर लिखो	5	Analytical Skill
6	'विश्वासपात्र मित्र जीवन कि एक औषधि है' विषय पर फीचर लिखिए|	5	Critical Thinking and Problem Solving
7	भारतीय ग्रामीण समाज में लड़के - लडकियों में किए जाने वाले भेद भाव का उल्लेख कीजिए ? 'भक्तिन' पाठ के आधार पर स्पष्ट कीजिए ?	5	Evaluation
8	दिनों - दिन गहराते पानी के संकट से निपटने के लिए क्या आज युवा वर्ग 'काले मेघा पानी दे' कि इंद्र सेना की तर्ज पर कोई सामूहिक आन्दोलन प्रारम्भ क्र सकता है? अपने विचार व्यक्त कीजिए?	5	Communication Skills

ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: Mathematics   **Assignment No. : 1**

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS	NATURE
1	The matrix A = $[a_{ij}]_{mxn}$ is a square matrix if: (a) m = n (b) m > n (c) m < n (d) none of these	1	Information
2	If a matrix A is both symmetric and skew symmetric; then A is: (a) scalar matrix (b) diagonal matrix (c) zero matrix (d) square matrix	1	Understanding
3	If A and B square matrix of same order, then the value of (A+B) (A-B) is equal to: (a) $A^2 - B^2$ (b) $A^2 - BA - AB - B^2$ (c) $A^2 - B^2 + BA - AB$ (d) $A^2 - BA + B^2 + AB$	1	HOT
4	If A = $\begin{bmatrix} 2 & -1 & 3 \\ -4 & 5 & 1 \end{bmatrix}$ and B = $\begin{bmatrix} 2 & 3 \\ 4 & -2 \\ 1 & 5 \end{bmatrix}$, then: (a) only then AB is defined (b) only BA is defined (c) AB and BA both are defined (d) AB and BA both are not defined	1	Understanding
5	Let A be a square matrix of order 2 , then det(A^{-1}) is equal to (a) $det(A)$ (b) 1 (c) 0 (d) $\frac{1}{detA}$	1	Analytical Skill
6	Let A be a square matrix of order 3×3, then $|k A|$ is equal (a) k$|A|$ (b) 3k$|A|$ (c) $k^2|A|$ (d) $k^3|A|$	1	Understanding

7	If A and B are two matrices of order 3× m, respectively, and m = n , then order of matrix (5A-2B) is : (a) m × 3 (b) 3 × 3 (c) m × n (d) 3 × n	1		Understanding
8	If A = $\begin{bmatrix} 0 & 1 \\ 1 & 0 \end{bmatrix}$, then A^2 is equal to: (a) $\begin{bmatrix} 0 & 1 \\ 1 & 0 \end{bmatrix}$ (b) $\begin{bmatrix} 1 & 0 \\ 1 & 0 \end{bmatrix}$ (c) $\begin{bmatrix} 0 & 1 \\ 0 & 1 \end{bmatrix}$ (d) $\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$	1		Understanding
9	Write the numbers of all possible matrices of order 2×2 with each entry 1,2 or 3.	1		I HOT
10	Let A be a square matrix of order 3×3, write the value of $\lvert 2A \rvert$, where $\lvert A \rvert$ = 4	1		Understanding
11	If A is an invertible matrix of order 3×3 and $\lvert adj\ A \rvert$ = 64 then find $\lvert A \rvert$.	1		HOT
12	If A is an invertible matrix of order 3×3 and $\lvert A \rvert$ = 5, then find $\lvert adj\ A \rvert$.	1		HOT
13	Find values of a and b, if A=B, where : A = $\begin{bmatrix} a+4 & 3b \\ 8 & -6 \end{bmatrix}$, B = $\begin{bmatrix} 2a+2 & b^2+2 \\ 8 & b^2-5b \end{bmatrix}$	2		Analytical Skill
14	Find the value of a, b, c and d, if : $3\begin{bmatrix} a & b \\ c & d \end{bmatrix} = \begin{bmatrix} a & 6 \\ -1 & 2d \end{bmatrix} + \begin{bmatrix} 4 & a+b \\ c+d & 3 \end{bmatrix}$	2		Analytical Skill
15	If matrix A = $\begin{bmatrix} 2 & -2 \\ -2 & 2 \end{bmatrix}$, and A^2 = p A , then write the value of p .	2		Interdisciplinary
16	Show that the matrix B = $\begin{bmatrix} -5 & -3 \\ -12 & -7 \end{bmatrix}$ is a rest of equation B^2 + 12B – I =0.	2		Critical Thinking and Problem Solving
17	If A = $\begin{bmatrix} 0 & 0 \\ 2 & 0 \end{bmatrix}$,then find A^{20}.	2		Interdisciplinary
18	Find matrix A such that : $\begin{bmatrix} 2 & -1 \\ 1 & 0 \\ -3 & 4 \end{bmatrix}$ A = $\begin{bmatrix} -1 & -8 \\ 1 & -2 \\ 9 & 22 \end{bmatrix}$	4		Critical Thinking and Problem Solving
19	Solve the matrix equation: A $\begin{bmatrix} 1 & -2 \\ 1 & 4 \end{bmatrix}$ = $\begin{bmatrix} 1 & 2 \\ -1 & 3 \end{bmatrix}$ by using concept of inverse.	4		Critical Thinking and Problem Solving
20	Find x , y , **z** if A = $\begin{bmatrix} 0 & 2y & z \\ x & y & -z \\ x & -y & z \end{bmatrix}$, satisfies A^T = A^{-1}	4		Critical Thinking and Problem Solving

21	If $A = \begin{bmatrix} 1 & 0 & 2 \\ 0 & 2 & 1 \\ 2 & 0 & 3 \end{bmatrix}$ and $A^3 - 6A^2 + 7A + k\,I_3 = 0$ find k.	6	Critical Thinking and Problem Solving

Subject: Biology   **Assignment No. : 1**

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS	NATURE
1	How would you define life span of an organism? Give life spans of ten organisms, you are familiar with.	03	Information
2	How asexual reproduction occurs in yeast? Supplement your answer with suitable illustration.	03	Understanding
3	Why is the offspring formed by asexual reproduction referred as clone?	02	
4	"In compatibility is a natural barrier in the fusion of gametes". Justify the statement.	02	HOT
5	What develops into a microspore mother cell in a flower? Trace the development of this cell into a pollen grain which is ready for germination. Draw a labelled figure of a	03	

	mature pollen grain.		
6	What is tissue culture ? How it is useful in horticulture and forestry.	02	Interdisciplinary
7	Trace the development of megaspore mother cell of a flower into a mature ovule. Give a labelled diagram of the final stage.	03	Analytical Skill
8		02	
9	(i)Draw a neat labelled diagram of the longitudinal section of an anatropous ovule. (ii) Which cell of the ovule gets transformed into megaspore mother cell?	05	Critical Thinking and Problem Solving
10	What do you understand by the development of an embryo? Support the answer with suitable diagrams.	05	Evaluation
11	Give the type of vegetative propagation in: (i) potato (ii) Bryophyllum (iii) Ginger and (iv) Agave	05	
12	Define double fertilization. Explain the process og double fertilization in an angiospermic plant.	05	Communication Skills

ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: Chemistry   **Assignment No. : 1**

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS	NATURE
1	Define the term amorphous and crystalline.	2	Information
2	Write the structure of the following- i.Diamond ii.Graphite	2	Understanding
3	Classify the following solids- Graphite,plastic,Si,P^4	2	Information
4	Define semiconductors with example.	2	Information
5	What makes glass different from solids like quartz?	2	Information
6	What is the coordination No of atoms in a.CCP structure b.BCC structure	2	Analytical
7	Silver crystallises in fcc lattice.If edge length of the cell is 4.07×10^{-8} cm and density is 10.5 g cm^{-3},calculate atomic mass of silver.	3	HOT
8	If radius of octahedral void is r and radius of the atoms in close packing is R,Derive relation between r and R	3	HOT
9	If NaCl is dopped with 10^{-3} mol% of $SrCl_2$.What is concentration of cation vacancies	3	HOT
10	Explain the following with suitable example- i.Ferromagnetism ii.Paramagnetism iii.Ferrimagnetism	3	Interdisciplinary

11	Explain- i.P-type semiconductor ii.n-type semiconductor	3	Information
12	What is F-centre. Explain with the help of diagram.	3	Interdisciplinary
13	Explain metals and non metals on the bases of band theory.	5	Information
14	Calculate packing effenciency in- i.hcp and ccp structures ii.Body centred cubic structures iii.Simple cubic lattice	5	HOT

ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: Physics   **Assignment No. : 1**

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS	NATURE
1	How can you make a convex and concave mirror from a hollow sphere?	2	Interdisciplinary
2	Define the principal focus and focal length of convex mirror and concave mirror	2	Information
3	Define in respect to a spherical mirror a)centre of curvature b) radius of curvature c)pole	2	Understanding
4	What is new Cartesian sign convention ?Explain briefly using ray diagram.	2	Interdisciplinary
5	Name the type of lens or mirror used in the following activity.1)Headlight of car 2)solar cooker 3)side view mirror 4)dentist 5)search light 6)microscope	2	Analytical Skill
6	Define :i) centre of curvature ii)pole iii)focal length iv) optical centre v)principal focus vi)aperture	2	Understanding
7	Explain a) Why star twinkle and planet do not twinkle b) Why does the sun appear reddish early in the morning c) Why sunrise and sunset appear to us a little earlier and a little later respectively?	3	Communication skill

| 8 | An object 5cm in length is placed at a distance of 20 cm in front of a convex mirror of radius of curvature 30 cm. Find the position of the image, its nature and size. | 3 | Analytical Skill |

S. NO.	QUESTIONS	MARKS	NATURE
9	A ray of light is incident on a glass prism of refractive index μ and refracting angle 'A'.If it just suffers total internal reflection at the other face, obtain an expression relating the angle of incidence, angle of prism and critical angle.	3	HOTS
10	An object of size 7cm is placed at 27cm in front of a concave mirror of focal length 18 cm. At what distance from the mirror should a screen be placed, so that a sharp focused image can be obtained? Find the size and nature of the image	3	Evaluation
11	Plot a graph to show the variation of the angle of deviation as a function of angle of incidence for light rays passing through a prism. Write the relation for the refractive index of the prism in terms of the angle of minimum deviation and the angle of the prism	3	Analytical skill
12	A ray of light incident on a equilateral glass prism (μ=√3) moves parallel to the base of the prism inside it what is the angle of incidence for this ray?	3	HOT
13	a) Derive the lens formula ,$1/f=1/v – 1/u$ for a concave lens ,using necessary ray diagram. b) Two lens of power 10 D and -5D are placed in a contact. a) Calculate the power of new lens b) Where should an object be held from the lens ,so as to obtain a virtual image of magnification?	5	Critical thinking and Problem solving
14	A convex lens is placed over a plane mirror, A pin is now positioned so that there is no parallax between the pin and its image formed by this lens-mirror combination. How can this observation be used to find the focal length of the convex lens? Give appropriate reason in support of your answer.	5	Interdisciplinary

ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: Accountancy   **Assignment No. : 1**

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS	NATURE
1	Beatall Sport Ltd. has Authorized Share Capital as follows: 10,000 Equity Shares of Rs.10 each and 10,000 Preference Shares of Rs.10 each. Can the company issue 15,000 Equity Shares and 5,000 Preference Shares?	1	Knowledge
2	Define the term 'Operating Cycle'.	1	Knowledge
3	Distinguish between analysis and interpretation of Financial Statements.	1	Analyzing
4	How is Window Dressing a limitation of Financial statement Analysis?	1	Remembering
5	State any one purpose of preparing Common Size Statement.	1	Remembering
6	Why are bank charges charged by bank not included in finance costs?	1	Reasoning
7	Prepaid insurance is shown as …………………………in the Balance Sheet.	1	Knowledge
8	Financial statement is not free from…………………..bias.	1	Knowledge
9	State true or false: Comparison of values of a firm with those of another firm is termed as inter - firm comparison.	1	Reasoning
10	State true or false: Comparative statement are also known as 100% statement.	1	Reasoning

11	Calculate Revenue from Operations, Other Income and Total Revenue for a financial company from the following information: Miscellaneous Income Rs.5,000 Interest on loans Rs.8,00,000 Dividend Rs.1,00,000 Gain on Sale of Building Rs.15,00,000	3	Knowledge and problem solving

12	Differentiate between Horizontal analysis and Vertical Analysis on the basis of :
	   i. Period
	   ii. Components
	   iii. Usefulness
		3	Reasoning

13	What is meant by Analysis of Financial Statements? How it is useful for (a) Creditors, (b) Management, (c) Employees.	4	Critical thinking

14	.Under which heads will the following items be shown in the Balance Sheet of a company:
	   i. Investment (long term)
	   ii. Outstanding Salary
	   iii. Unclaimed Dividends
	   iv. Bills Payable
	   v. Loose Tools
	   vi. Provision for Tax
		6	Knowledge and remembering

15	.Prepare Common Size Balance Sheet of X ltd. as at 31st March, 2018:	6	Knowledge and problem solving
16	Prepare Comparative Statement of Profit and Loss from the following details showing increase, decrease and percentage of change:	8	Knowledge and problem solving

Question 15 table:

Particulars	Note No.	31st March, 2018
I. EQUITIES AND LIABILITIES		
1. Shareholders' funds		
a) Share capital:		
i. Equity Share Capital		6,00,000
ii. Preference Share Capital		2,00,000
b) Reserve and Surplus		2,00,000
2. Non – Current Liabilities		
Long term borrowings		2,00,000
3. Current Liabilities		
a) Short - term Borrowings		90,000
b) Trade Payable		1,20,000
Total		14,10,000
II. ASSETS		
1. Non – Current Assets		
a) Fixed Assets		
i. Tangible Assets		5,00,000
ii. Intangible Assets		3,00,000
b) Non – Current Investments		2,00,000
2. Current Assets		
a) Inventories		1,75,000
b) Trade Receivables		1,45,000
c) Cash and Cash Equivalents		90,000
Total		14,10,000

Question 16 table:

Particulars	31st March, 2018	31st March ,

		2017
Revenue from Operations	Rs.30,00,000	Rs.20,00,000
Other income(% of Revenue from Operations)	15%	20%
Expenses (% of Revenue from Operating)	60%	50%
Tax Rate	30%	30%

Or

From the following information, prepare Comparative Statement of Profit and Loss showing increase, decrease and percentage of change:

Particulars	31.3.2015	31.3.2016
Cost of material consumed	13,44,000	6,00,000
Revenue from operations(% of material consumed)	125%	200%
Other expenses (% of operating revenue)	10%	10%
Tax rate	50%	50%

****

ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: Business Studies   **Assignment No. : 1**

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS	NATURE
1	The principal of 'Shivaji Public School' . Shri Rakesh Mohan, set up the goal of 'Quality Education' for his school. For realization of this goal he made several plans. His special focus was on the satisfaction of employees. At the end of the year it was found that all his activities were done successfully in accordance with the plan made. It took no time for the people to know the news that the school had accomplished its goal of quality education. Every one said that it was a miracle performed by the school management. Identify the special feature of management referred to in the above paragraph.	1	Analyzing
2	. Identify the nature of management when it is practiced as personal application of existing knowledge to achieve desired results.	1	Evaluating
3	Volvo Ltd.'s target is to produce 10,000 shirts per month at a cost of Rs.100 per shirt. The production manager achieved this target at accost of Rs.90 per shirt. Do you think the Production Manager is effective ? Give one reason in support of you answer.	1	Rreasoning
4	How are principle of management formed? a) In a laboratory b) By experience of manager c) By experience of customers d) Adaptation of changing technology	1	Understanding
5	Henry Fayol was a a) Social scientist b) Mining engineer c) Accountant d) Production engineer	1	Remembering

6	She keeps machines, materials, tools, etc., ready for operations by different workers. Whose work is described by this sentence under functional foreman ship?
	
	    a) Instruction card clerk
	    b) Repair boss
	    c) Gang boss
	    d) Route clerk
		1	Understanding

7	Manish is serving as a foreman in a factory. At which level of management is he working?
	    a) Top level
	    b) Middle level
	    c) Lower level
	    d) None of the above
		1	Understanding

8	Policy formulation is the function of
	    a) Top level management
	    b) Middle level management
	    c) Operational management
	    d) All of the above
		1	Understanding

9	The following is not objective of management
	    a) Earning profits
	    b) Growth of the organization
	    c) Providing employment
	    d) Policy making
		1	Remembering

10	Coordination is
	    a) Function of management
	    b) The essence of management
	    c) An objectives of management
	    d) None of the above
		1	Understanding

11	2. The General manager of Radhaswami Kidswear Limited, Me. Sahil, has divided all the employees of his company into three levels. At the top level the General Manager and Boards of Directors themselves work. The middle level work is looked after by the four departmental managers like Production, Purchase, finance and Sales manager. The lower level is constituted of one supervisor of each of the four departments. The supervisors look after the daily activities of their subordinates. Often it is observed the the managers of all the levels remain busy sometime with the with the planning of their respective departments and sometime with comparison of the desired and actual results. Similarly, sometime they are busy with the recruitment , selection and training and of the employees and sometime with their motivation. Mr. Sahil knows it very well that the job of management cannot be done by a single person alone, but when all join hands to work together the meaning of management is realized. This is why he makes all his efforts to effect coordination in the activities of all his employees. All the employees are working with the team spirit.	3	Understanding and analyzing

	In the above paragraph two special features of management have been described. Identify and explain them by quoting the relevant lines.		
12	Management is Multi – Dimensional explain.	3	Understanding
13	'Management is considered to be both an art and science'. Explain.	4	Understanding
14	Ashutosh Goenka was working in 'Axe Ltd.', a company manufacturing air purifiers. He found that the profits had started declining from the last six months. Profit has an implication for the survival of the firm, so he analysed the business environment to find out the reasons for this decline. (a) Identify the level of management at which Ashutosh Goenka was working. (b) State three other functions being performed by Ashutosh Goenka.	4	Understanding and remembering
15	What is meant by Co-ordination? Explain its importance.	5	Remembering
16	Explain the features of Principles of Management. OR Explain the features of Principles of Management.	5	Understanding
17	Explain importance of Management. OR Explain importance of Principles of Management.	6	Understanding

ARMY PUBLIC SCHOOL GWALIOR
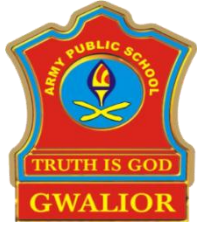
CLASS -XII

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: Economics   **Assignment No. : 1**

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS	NATURE
1	The good or service purchased by an individual or an enterprise is for: (a) Final use (b) Use in further production (c) Both (a) and (b) (d) Consumption	1	Information
2	A good that is meant for final use and will not pass through any more stages of production or transformations at the hands of any producer is called____.	1	Understanding
3	A final good may also undergo transformations. True/False? Give reason	1	HOT
4	It is not in the nature of the good but in the ___ that a good becomes a final good. (Fill in the blank)	1	Interdisciplinary
5	If tea leaves are used in a restaurant for tea brewing, and the drinkable tea is sold to the customers, then the tea leaves will be _____. (a) Final goods (b) Intermediate good (c) Consumption goods (d) Capital goods	1	Analytical Skill
6	Goods like food and clothing and services like recreation that are consumed when purchased by their ultimate consumers are called___. (Fill in the blank)	1	Critical Thinking and Problem Solving
7	Which of the following is within the domestic territory of India? (a) State Bank of India in UK (b) Google office in India (c) Office of Tata Motors in USA (d) Russian Embassy in India	1	Evaluation
8	Foreign embassies in India are a part of India's: (a) Economic territory (b) Geographical territory (c) Both (a) and (b) (d) None of the above	1	Evaluation Skill

9	National income is always more than the domestic income. True/False? Give reason	1	Analytical Skill
10	Out of the following, who are residents of India? (a) Indians working permanently in the office of the United Nations Organisation in New York (b) Indians working in Indian Embassy in America (c) Indians working in a branch of an American Bank in India (d) Americans working in India embassy is America	1	Interdisciplinary
11	"Circular flow of income in a two sector economy is based on the axiom that one's expenditure is other's income." Do you agree with the given statement? Support your answer with valid reasons.	3	Communication Skills
12	How will you treat the following in the calculation of Gross domestic Product of India? Give reasons. (a) Profits earned by a branch of foreign bank in India. (b) Salaries of Indian employees working in embassy of Japan in India (c) Salary of resident of Japan working in Indian embassy in Japan.	3	Critical Thinking and Problem solving
13	"Gross Domestic Product (GDP) does not give us a clear indication of economic welfare of a country." Define or refute the given statement with valid reasons.	4	Interdisciplinary
14	Government incurs expenditure to popularise yoga among the masses. Analyse its impacts on GDP and welfare of the people.	4	Understanding/Analyse
15	Suppose in an imaginary economy GDP at market price in a particular fiscal year was Rs. 4000 crore, National Income was Rs. 2500 crore, Net Factor Income paid by the economy to Rest of the World was Rs. 400 crore and the value of Net Indirect Taxes is Rs. 450 crore. Estimate the value of consumption of fixed capital for the economy from the given data.	4	HOT
16	In an economy, following transactions took place. (i) Firm a sold to Firm B goods of Rs. 80 crore; to firm C Rs. 50 crore; to households Rs.30 crore and goods of value Rs.10 crore remains unsold. (ii) Firm B sold to firm C goods of Rs.70 crore; to firm D Rs. 40 crore; goods of value Rs.30 crore were exported and goods of value Rs.5 crore was sold to government. Calculate: (i) Value of output of Firm A and Firm B. (ii) Value added by Firm B.	6	Critical Thinking and Problem solving
17	Which of the following items will be included/not included while estimating Gross Domestic Product (GDP)? Give valid reasons in support of your answer. (i) Wages received by an Indian working in the British Embassy in India. (ii) Financial aids received from abroad after "Fani cyclone". (iii) Purchase of second hand machinery from abroad.	6	Evaluation

_____X_____

Subject: History   **Assignment No. : 1**

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS	NATURE

1	**Part- A**
	Answer the following objective type questions:
	
	(a) Name the town exclusively devoted to the craft production.
	(b) Early form of Shiva or Rudra found on seals was called----
	(c) Chief Characteristic of the Script of Harappan Civilisation:
	   a) It was written left to right
	   b) It was written right to left
	   c) It was written top to bottom
	   d) It was written bottom to top
	(d) The number of signs of Harappan Script are:
	   a) 500-700
	   b) 375-400
	   c) 200-300
	   d) 300-350
	(e) Which artefacts from the following belong the Harappan civilization:
	   a) Beads
	   b) Weights
	   c) Baked bricks
	   d) All the above
	(f) Harappen Weights were made of a stone called:
	   a) Chert
	   b) Polished stone
	   c) Terracotta
	   d) Steatite
	(g) Stone structures which were built by some communities of south India over the grave of the dead called-----------
	(h) The owner, master, or head of a household, who keep the control over the women, children, slaves etc. Who shared a common shelter/residence was known as -------------.
	(i) Who was Harisena?
	(j) Harishacharitra had been written by---------- .
	   a) Banabhatta
	   b) Kautilya
	   c) Abul Fazal
	   d) None of the Above
		(10x1=10)	Information

2	**Part- B** *Answer the following questions in short:* How do archaeologists trace socio-economic differences in Harappan society? What are the differences that they notice?	**3**	Evaluation
3	What difficulties have been faced by historians in deciphering the Indus script?	**3**	HOT
4	To what extent were agricultural practices transformed in the period under consideration?	**3**	Information
5	What were the various sources which have been used to reconstruct Mauryan history?	**3**	Understanding
6	**Part- C** *Long questions answers:* Discuss how archaeologists reconstruct the past. Or What were the main principles of Ashoka's Dhamma? Why was it introduced?	**8**	Understanding
7	**Part-D (Sources Based Questions)** Read the following extract carefully and answer the questions that follow: In praise of Samudragupta This is an excerpt from the prayaga prashasti: He was without an antagonist on earth; he, by the overflowing of the multitude of (his) many good qualities adorned by hundreds of good actions, has wiped of the fame of other kings with the soles of (his) feet; (he is) *Purusha* (the Supreme Being), being the cause of the prosperity of the good and the destruction of the bad(he is) incomprehensible; (he is) one whose tender heart can be captured only by devotion and humility; (he is) possessed of compassion; (he is) the giver of many hundred thousands of cows; (his) mind has received ceremonial initation for the uplift of the miserable, the poor, the forlorn and the suffering;(he is) resplendent and embodied kindness to mankind;(he is) equal to (the gods) Kubera (the god of wealth), (Varuna) (the god of the ocean), Indra (the god of rains) and Yama (the god of death)… (a) What are prashastis ?From where has this extract been taken? Who is its author? (b) Which king's qualities have been described? To which Gods has he been compared to? (c) Why is this king known as the Indian Napoleon?	**(2+2+1=5)**	Application and understanding
8	**PART-E** **(Map Question)** (a) On the political map of India mark and name 5 places where Ashoken inscriptions have been found	**(5x1=5)**	Identification

ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: Political Science   **Assignment No. : 1**

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS	NATURE
1	Objective Type Questions: (a) What does USSR stand for? (b) Cold war means: i. Hot War ii. Direct War iii. Superpower rivalry iv. Tension between superpowers (c) NIEO aimed for: i. Fair information order ii. Fair Global order iii. Fair Economic order iv. Fair International order (d) Which among the following statements does not reflect the objectives of NAM? i. Enabling newly decolonised countries to pursue independent policies ii. Not joining any military alliances iii. Following a policy of 'neutrality' on global issues iv. Focus on elimination of global economic inequlities. (e) ----------- alliance was formed by USA in South-East Asia. (f) The first summit of NAM was held at ------------- in September, 1961. (g) ----------- party dominated the Soviet Union's political system. (h) The US, USSR, Britain and France were part of the --------- during the second world war. (i) Soviet Union collaped in: i. 1991 ii. 1992 iii. 1993 iv. 1994 (j) Arrange the following in a chronological order: i. Soviet invasion of Afghanistan ii. Fall of the Berlin Wall iii. Disintegration of the Soviet Union iv. Russian Revolution	(10x1=10)	Information

2	What is meant by the term deterrence?	2	Understanding
3	What was India's foreign policy towards the US and USSR during the Cold War era? Do you think that this policy helped India's interests?	4	Understanding
4	Why the Soviet Union collapsed in spite of Gorbachev's accurate diagnosis of the problem?	4	HOT
5	What was the task of the State Reorganisation Commission? What was its most salient recommendations?	4	Understanding
6	Answer the following questions based upon the Presidential address of Mohammad Ali Jinnah at Karachi on August, 11,1947: "We should begin to work in that spirit and in course of time all these angularities of the majority and minority communities, the Hindu community and the Muslim community – because even as regards Muslims you have Pathans, Punjabis, Shias, Sunnis and so on and among the Hindus you have Brahmins, Viashnavas, Khatris, also Bengalees, Madrasis and so on – will vanish. … You are free to go to your temples, you are free to go your mosques or to any other place of worship in this State of Pakistan. You may belong to any religion or caste or creed – that has nothing to do with the business of the State." a) Do you think that Jinnah's statement contradicts the theory which was the basis of the creation of Pakistan? Justify your answer. b) What is the essence of Jinnah's statement in this passage? c) To what extent did Pakistan live up to Jinnah's expectations in this passage?	(2+2+1=5)	Analytical
7	Study the cartoon given below and answer the following questions: Questions: a) What was SRC? b) What were its main recommendations? c) Do we need another SRC?	(1+2+2=5)	Analytical
8	During the Cold War era India and USSR enjoyed a multidimensional relationship. Discuss.	6	HOT

	OR "The Cold War produced an arms race as well as arms control." What were the reasons for both these developments?		

ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: Physical Education   **Assignment No. : 1**

Allotment Date: 18 April 2021

S.NO.	QUESTIONS	MARKS	NATURE
Part-A	1) Which one of the following is an objective of planning in sports? I) Achieving the target on time. II) Distributing work according to the ability. III) Finding out the cause of the failure. IV) All of the above. 2) Nutrients are the chemical in food which………….. . I) Are needed for replacement of tissues. II) Are essential for growth. III) Our body needs. IV) All of the above. 3) Which of the following is not a macro nutrient? I) Fats. II) Carbohydrates. III) Roughage. IV) Proteins. 4) Which mineral is required for developing strong bones and teeth? I) Copper II) Potassium III) Sodium IV) Phosphorus 5) Food Intolerance can cause……….. . I) Nausea and stomach pain II) Sudden increase in hunger III) Both (I) and (II) IV) Neither (I) nor (II) 6) Which of the following is not the reason of obesity? I) Poor eating habits II) Psychological factors III) Extra exercise IV) Familiar tendency 7) ………… is not the form of league type tournament.	1X8=8	Remembering

	I) Cyclic II) Double league III) Round Robin IV) Single league 8) If 17 teams are participating then how many byes are needed to be given in a single knock out tournament? I) 16 II) 14 III) 15 IV) 17		
Part-B	**Following questions in 60 to 90 words:**		
1.	Draw a fixture of 6 teams on knock out basis.	3	Understanding
2.	Discuss any 3 importance of tournaments.	3	Application
3.	Clarify the meaning of balance diet in brief	3	Understanding
4.	What do you understand by Food myths? Briefly explain any 3 Food myths.	3	Understanding
Part – C	**Answer the following question in 150 to 180 words**		
1.	What do you mean by micro nutrients?Explain in brief about minerals as micro nutrients in detail.	5	Understanding
2.	Difference between Intramural and Extramural tournament	5	Knowledge
3.	Difference between League and Knock out tournament	5	Understanding
4.	What do you mean by nutritive component of diet? Explain any 3 in brief.	5	Knowledge

Subject: Health and Physical Education   **Assignment No. : 1**

Allotment Date: 18 April 2021

S.N	QUESTIONS		MARKS	
1	MCQ 1.Regular exercise causes strock volume to....... a. Increase b. Decrease c. Remain the same d. Stop 2. which of these is a immediate effect of physical exercise? a. Increased Heart Rate b. Increase in aerobic fitness c. Improvement in stamina d. None of these 3. Short term effects of exercise are a. Immediate and long lasting b. Immediate and temporary c. Over a period of time and long lasting d.Over a period of time and temporary 4. During exercise the skin reddens because.... a. Sweat is red b. Capillaries dose to the surface expand to release heat c. The skin is cold d. None of these		4×1=4	
2.	Fill in the blanks 1. You should.............. before exercising.		3×1=3	

	2.Acutely, exercise increases .... output and blood pressure. 3. .... is the leading cause of morbidity and mortality worldwide.			
3.	True or False 1. Muscle weight more than fat. True/ False 2. Maintaining physical fitness requires major Lifestyle changes.True/ False 3. "No pain, no gain" is a workout myth. True/ False		3×1=3	

Subject: Painting   **Assignment No. : 1**

Allotment Date: 18 April 2021

S.No.	QUESTIONS	MARKS	
	SECTION: First		
Q1.	(a) The way Ruchi gives beauty to the Rupa (form) in the same way Lavanya adds lustre to ……….. (i) Pramana (ii) Bhava (iii) Varnika Bhanga (iv) Sadrashyam (b) Which of the following is the meaning of Sadrashyam? (i) Difference in forms (ii) Proportion (iii) Similitude (iv) Use of colours (c) Which of the following is true?	1x6=6	

(i) Negative space is the vacant space of an artwork.

(ii) Positive space is the vacant space of an artwork.

(iii) Neutral space is the vacant space of an artwork.

(iv) Negative space contains the main subject matter in an artwork.

(d) Which of the following is true?

(i) Line, form and colour are principles of art.

(ii) Line, form and colour are elements of art.

(iii) Line, form and rhythm are elements of art.

(iv) Balance, form and colour are principles of art.

(e) Which two religions were Pala school and Western school based on?
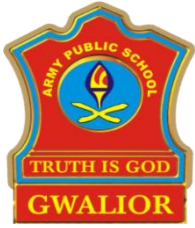
(i) Hinduism and Christianity

(ii) Buddhism and Jainism

(iii) Hinduism and Buddhism

(iv) Jainism and Islam

(f) Kalpasutra and Kalkacharya Katha are the painted manuscripts of which of the following schools?

(i) Pala school

	(ii)	Deccan school		
	(iii)	Jain school		
	(iv)	Pahari school		

SECTION: Second

Q2.	*General Instructions: Answer to be written for each in about 30 words:* Write a short note on the following (any three) (a) Elements of Art (b) Maru Ragini (c) History of Miniature Painting (d) Radha Bani Thani	**2x3=6**	

SECTION: Third

Q3.	*General instructions: Answer to be written for each is about 100 words* (a) Describe the main feautres of Rajasthani school of miniature painting.	**3x2=6**	

SECTION: Fourth

Q4.	*General instructions: Answer to be written for each is about 200 words* Write short notes on any one of the following: Bikaner school of painting Jodhpur school of painting	**6x1=6**	

SECTION: Fifth

Q5.	*General Instruction: Answer to be written for each is about 350 words.*	**6x1=6**	

	Write an essay on the origin and development of the Rajasthani school.		

ARMY PUBLIC SCHOOL GWALIOR

CLASS -XII

ACADEMIC SESSION 2021-22

SELF ASSESSMENT

Subject: General Studies   **Assignment No. : 1**

Allotment Date: 18 April 2021

S. NO.	QUESTIONS	MARKS	NATURE
1	Objective Type Questions: (1) Which country is to introduce a bill to ban all private cryptocurrencies and create a sovereign digital currency? [A]China [B]India [C]Japan [D] New Zealand (2).The cabinet of which state has recently cleared new Industrial Policy and proposals over Rs 52000 crores? [A]Kerala [B]Tamil Nadu [C]Maharashtra [D] Assam (3).The death anniversary of which national leader was observed as the Martyrs' Day on January 30 in India? [A]Jawaharla Nehru [B]Mahatma Gandhi [C]Bhagat Singh [D]Sardar Vallabhbhai Patel (4).What is the rank of India in the production of silk, globally? [AFirst [B]Second [C]Third [D] Fourth (5).'Har Ghar Pani, Har Ghar Safai' mission has been launched in which state/UnionTerritory? [A]New Delhi [B] Punjab [C]Uttar Pradesh [D] Rajasthan (6).Which country has announced that it will formally apply for the trans-Pacific trade association, CPTPP?	(30x1=30)	Informative

[A]Unite States
[B]United Kingdom
[C]Russia
[D] Italy

(7). Indian-American Bhavya Lal has been appointed as the acting chief of staff of which organisation?
[A]WHO
[B]NASA
[C]FAO
[D] IMF

(8).Who has been appointed as the new Managing Director of the Life Insurance Corporation (LIC) of India?
[A]Shyam Sundar
[B]Siddhartha Mohanty
[C]V G Kannan
[D] Ashwani Bhatia

(9).India's first Centre for Wetland Conservation and Management has been set up in which Indian city?
[A] Cochin
[B] Chennai
[C] Vishakhapatnam
[D] Guwahati

(10).SEBI has banned the Chairperson and promoters of which company from the Securities Market?
[A] Reliance
[B] Future Retail
[C] DHFL
[D] Lakshmi Vilas Bank

(11).Who is regarded as "Maker of Modern India"?
[A] M. G. Ranade
[B] Mahatma Gandhi
[C] Keshav Chandra Sen
[D] Ram Mohan Roy

(12).In which year Archaeological Survey of India was made a permanent body?
[A] 1902
[B] 1861
[C] 1906
[D] 1910

(13).Who among the following was nominated as first Satyagrahi by Mahatma Gandhi for the Individual Satyagarha of 1940?
[A] Vinoba Bhave
[B] Jawarharlal Nehru
[C] Lal Bahadur Shastri
[D] S. Satyamurti

(14).Who among the following had drafted the "Declaration of Independence" pledge in 1930?
[A] Motilal Nehru
[B] Jawahar Lal Nehru
[C] Mahatma Gandhi
[D] C R Das

(15).Who among the following had drafted the fundamental rights resolution at the Karachi Session, 1931?
[A] Jawaharlal Nehru
[B] Acharya Narendra Deo
[C] Subhash Chandra Bose
[D] Maulana Abul Kalam Azad

(16).Which among the following was the first establishment of Dutch in current territories of Odisha?
[A] Calcutta
[B] Chinsura
[C] Pippli
[D] Balasore

(17).Under which among the following treaties, the British East India Company secured the Diwani right of Bengal, Bihar and Orissa ?
[A] Alinagar
[B] Faizabad
[C] Allahabad
[D] Benaras

(18).Who among the following established the Ved Samaj in Madras in 1864?
[A] Keshabchandra Sen
[B] Lokhitwadi
[C] Shibnath Shastri
[D] Debendranath Tagore

(19).Who among the following established the Bhil Seva Mandal in 1922?
[A] Narain Malhar Joshi
[B] Amritlal Vitthaldas Thakkar
[C] Jyotiba Phule
[D] Baba Amte

(20).Who among the following is known as Father of Muslim Renaissance in Bengal?
[A] Syed Ahmad Khan
[B] Ameer Ali
[C] Nawab Abdul Latif Khan
[D] Nawab Samiullah Khan

(21) As per the recent study by NASA and German Aerospace Center, some microbes are found on the Earth may survive in which planet?
[A] Jupiter
[B] Venus
[C] Mars
[D] Mercury

(22).What is the secret code written in the parachute of the NASA's Perseverance rover?
[A] Hello Red Planet
[B] Perseverance
[C] Dare Mighty Things
[D] Journey to Mars

(23).Amazonia 1 satellite, which was making news recently, belongs to which country?
[A] Brazil
[B] Sri Lanka
[C] China
[D] USA

(24).How many satellites were launched by the ISRO using its PSLV- C51 rocket?
[A] 12
[B] 16
[C] 19
[D] 23

(25).What is the name of the unique type of specimen, which serves

as the representation for the given species name?
[A] Holotype
[B] Nomenclature
[C] Classification
[D] None of the above

(26).What is the name of the certification system that allows people who have been vaccinated against Covid-19 to access certain facilities?
[A] Covid Shield
[B] Vaccine Passport
[C] Vaccine Drive
[D] Covid Protect

(27) .What is RH 560 that is seen in the news recently?
[A] Asteroid
[B] Earth Metal
[C] Indian Naval Ship
[D] ISRO's Sounding Rocket

(28) .The newly formed Indian Oil Corporation- Phinergy JV is to replace lithium with which metal, to make batteries for electric vehicles?
[A] Silver
[B] Copper
[C] Aluminium
[D] Mercury

(29).Which telescope captured the M 87 black hole with its magnetic fields?
[A] Hubble
[B] Event Horizon Telescope
[C] Giant Magellan Telescope
[D] Thirty meter Telescope

(30).What is the name of 'Extremely luminous cores of distant galaxies that are powered by super massive black holes?
[A] Meteors
[B] Quasars
[C] Pulsars
[D] Blazars

| 2 | What initiative will you take in making Swachh Bharat Abhiyan a success? | 5 | Understanding |
| 3 | What measures will you adopt to prevent the spread of Corona Virus? | 5 | Understanding |

Note: Take the help of internet to solve the questions.