



ARMY PUBLIC SCHOOL GWALIOR
CLASS – XI
ACADEMIC SESSION 2022-23
WORKSHEET (SELF –ASSESSMENT)

Subject: English

Assignment No. : 6

Allotment Date: 15 February 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	You are making an effort to spread the message of communal harmony. Prepare a poster with catchy slogans to be displayed in the school premises. (Word limit: 50 words)	6	Information
2	Read the extracts given below and answer the questions that follow. The workmen went and built the thing. They did so since he was the King. The King rode down the thoroughfare To edify spectators there. Under the arch he lost his crown. The arch was built too low. A frown Appeared upon his placid face. The King said, 'This is a disgrace. The chief of builders will be hanged.' The rope and gallows were arranged. i. What did the king order? ii. Why did the king go to thoroughfare? iii. Why did the king frown ? iv. Find the poetic device in "The workmen went and built the king".	4	Understanding
3	He had no premonition that night call would prove unusual , still less that it would influence his whole future in Blaenelly." What was the unusual event in store for Andrew ?	5	HOTS
4	What do you think is the theme of the play " Mother's Day" ?Comment on the ending of the play.	5	HOTS
5	What is the importance of Lake Mansarover ? What contrast did author find at Mansarover ?	5	Analytical Skill
6	Identify the clauses in the following sentences and state whether they are independent or dependent clauses. 1. I know that you are a good boy. 2. This is the book which she gave me. 3. I shall wait here till you come back. 4. Make hay while the sun shines. 5. .You may go whenever you like.	1x5=5	Critical Thinking and Problem Solving
7	Prepare a speech for the morning assembly on the topic " How health is affected by Lifestyle ?" (150-200 words) li"Should schools promote coaching institutes ?." Write a debate either for or against the motion. (120 – 150 words)	2x5=10	Evaluation



ARMY PUBLIC SCHOOL GWALIOR
CLASS – XI
ACADEMIC SESSION 2022-23
WORKSHEET (SELF –ASSESSMENT)

Subject: Hindi

Assignment No. : 6

Allotment Date: 15 February 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	स्वास्थ्य -विभाग द्वारा आपके क्षेत्र की सफाई -व्यवस्था की ओर ध्यान न दिए जाने पर किसी दैनिक पत्र के संपादक को पत्र लिखिए।	5	Information
2	“भारत में किसानों की समस्याओं की अनदेखी ” विषय पर आलेख लिखिए।	5	Understanding
3	नाटक का प्रथम अंग समय का बंधन है? इस कथन कि पुष्टि कीजिए।	5	HOT
4	<ol style="list-style-type: none">विशेषीकृत पत्रकारिता से आप क्या समझते हैं ?हिंदी पत्रकारिता दिवस कब और किस उपलक्ष्य में मनाया जाता है?संपादकीय में लेखक का नाम क्यों नहीं दिया जाता है ?‘वाँचडॉंग पत्रकारिता’ किस प्रकार लोकतंत्र का प्रहरी है ?किन्हीं चार हिंदी समाचार पत्रों के नाम लिखिए, जिनके इंटरनेट संस्करण भी उपलब्ध हैं।	5	Interdisciplinary
5	‘पर्यावरण है तो मानव है’ विषय पर अनुच्छेद लिखिए।	5	Analytical Skill
6	‘विश्वासपात्र मित्र जीवन कि एक औषधि है’ विषय पर फीचर लिखिए।	5	Critical Thinking and Problem Solving
7	घरों में काम करने वालों के जीवन की जटिलताओं का पता चलता है। घरेलू नौकरों को और किन समस्याओं का सामना करना पड़ता है। इस पर विचार प्रकट कीजिए ?	5	Evaluation
8	<p>बढ़ती जनसंख्या ने अनेक प्रकार की समस्याओं को जन्म दिया है-रोटी, कपड़ा, मकान की कमी, बेरोजगारी, निरक्षरता, कृषि एवं उद्योगों के उत्पादनों में कमी आदि। हम जितनी अधिक उन्नति करते हैं या विकास करते हैं, जनसंख्या उसके अनुपात में बढ़ जाती है। बढ़ती जनसंख्या के समक्ष हमारा विकास बहुत कम रह जाता है और विकास कार्य दिखाई नहीं देते। बढ़ती जनसंख्या के समक्ष सभी सरकारी प्रयास असफल दिखाई देते हैं। कृषि उत्पादन और औद्योगिक विकास बढ़ती जनसंख्या के सामने नगण्य सिद्ध हो रहे हैं। इन सभी बातों को ध्यान में रखते हुए जनसंख्या वृद्धि पर नियंत्रण की अति आवश्यकता है। इसके बिना विकास के लिए किए गए सभी प्रकार के प्रयत्न अधूरे रह जाएंगे।</p> <p>प्रश्न</p> <p>(क) बढ़ती जनसंख्या से किसमें कमी आई है?</p> <p>(i) बेरोजगारी</p>	5	Communication Skills

<p>(ii) गरीबी (iii) निरक्षरता (iv) कृषि एवं उद्योगों के उत्पादनों में (ख) जनसंख्या बढ़ने से किन चीजों में बढ़ोत्तरी हुई है? (i) लोगों के कार्य करने की क्षमता में (ii) शिक्षा में (iii) गरीबी एवं बेरोजगारी में (iv) लोगों के स्वास्थ्य में (ग) हमारा विकास कार्य दिखाई नहीं देता, क्योंकि (i) विकास के अनुपात में जनसंख्या वृद्धि अधिक है। (ii) जनसंख्या वृद्धि कम है। (iii) उपर्युक्त दोनों । (iv) इनमें से कोई नहीं</p>		
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ARMY PUBLIC SCHOOL GWALIOR
CLASS – XI
ACADEMIC SESSION 2022-23
WORKSHEET (SELF –ASSESSMENT)

Subject: Mathematics

Assignment No. : 6

Allotment Date: 15 February 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	If a, b, c are in AP then (a) $b = a + c$ (b) $2b = a + c$ (c) $b^2 = a + c$ (d) $2b^2 = a + c$	1	Understanding
2	Three numbers form an increasing GP. If the middle term is doubled, then the new numbers are in Ap. The common ratio of GP is (a) $2 + \sqrt{3}$ (b) $2 - \sqrt{3}$ (c) $2 \pm \sqrt{3}$ (d) None of these	1	Understanding
3	Question 1. The locus of a point, whose abscissa and ordinate are always equal is (a) $x + y + 1 = 0$ (b) $x - y = 0$ (c) $x + y = 1$ (d) none of these.	1	Information
4	The equation of straight line passing through the point (1, 2) and parallel to the line $y = 3x + 1$ is (a) $y + 2 = x + 1$ (b) $y + 2 = 3 \times (x + 1)$ (c) $y - 2 = 3 \times (x - 1)$ (d) $y - 2 = x - 1$	1	Information
5	What can be said regarding if a line if its slope is negative (a) θ is an acute angle (b) θ is an obtuse angle (c) Either the line is x-axis or it is parallel to the x-axis. (d) None of these	1	Information
6	The sum of 10 items is 12 and the sum of their squares is 18. The standard deviation is (a) $1/5$ (b) $2/5$ (c) $3/5$ (d) $4/5$	1	Understanding
7	The algebraic sum of the deviation of 20 observations measured from 30 is 2. So, the mean of observations is (a) 30.0 (b) 30.1	1	Understanding

	(c) 30.2 (d) 30.3		
8	Solve $4x+3 < 6x + 7$, when x is an integer.	1	Information
9	In how many ways 6 books can be arranged in a shelf?	1	Understanding
10	Three consecutive vertices of a rhombus are (5,3), (2,7) and (-2,4). Find the fourth vertex.	1	HOT
11	Find the probability that a leap year selected at random, will contain 53 Sundays.	2	Understanding
12	In how many ways the letters of the word BANANA can be arranged?.	2	Understanding
13	Show that, in the random experiment of throwing a die once, event of "getting odd number" and event of "getting even number" are two exhaustive events.	2	Understanding
14	Solve the following system of inequations graphically: $x+2y \leq 10, x + y \geq 1, x - y \leq 0, x \geq 0, y \geq 0$	2	Analytical Skill
15	In how many ways a committee of 5 can be selected from 6 men and 5 women, consisting of 3 men and 2 women?	2	Communication Skills
16	Find the coordinates of a point on x-axis at a distance of $5\sqrt{2}$ units from (3,4,-3).	2	Evaluation
17	One card is drawn from a well shuffled deck of 52 card. If each outcome is equally likely, calculate the probability that the card will be: (i) not an ace (ii) a diamond	2	Evaluation
18.	A manufacturer has 600 litres of a 12% solution of acid. How many litres of the 30% acid solution is to be added to it so that acid content in the resulting mixture will be more than 15% but less than 18%?	3	Evaluation
19	A tea party is arranged for 16 persons along two sides of a long table with 8 chairs on each side. Four persons wish to sit in one particular side and two on another side. In how many ways can they be seated?	3	Analytical Skill
20	Find the coordinates of the points which trisect the line segment AB, if two points are A (2,1,-3) and B(5,-8,3).	5	Analytical Skill
21	Case study: In a lottery of 50 tickets numbered from 1 to 50, two tickets are drawn simultaneously. Find the probability that: (a) both tickets drawn have prime numbers. (b) one ticket has prime number.	5	Critical Thinking and Problem Solving



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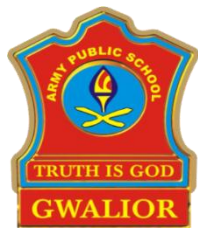
Subject: Physics

Assignment No. : 6

Allotment Date: 15 February 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	Why lighter gas diffused easily than a heavier gas?	2	Interdisciplinary
2	What are the limitation of the first law of thermodynamics	2	Understanding
3	If the door of the refrigerator is kept open in a room, will it make the room warm or cool?	2	Interdisciplinary
4	What is the change in the internal energy of a gas which is compressed isothermally?	2	Communication skill
5	“A heat engine converts disordered mechanical motion into ordered mechanical motion.” Comment on this statement.	2	HOT
6	If the force of attraction between the molecules suddenly disappear, will there be any change in pressure inside a gas container?	2	Understanding
7	Two bodies of specific heats c_1 and c_2 having same heat capacities are combined to form a single composite body. What is the specific heat of the composite body?	3	Critical thinking and Problem solving
8	The ratio of specific heat capacity pressure to the specific heat capacity at constant volume of a diatomic gas decrease with increased in temperature. Explain why?	3	Analytical Skill

S. NO.	QUESTIONS	MARKS	NATURE
9	A refrigerator freezes 5 kg of water at 0°C into ice at 0°C in a time interval of 20 minutes. Assume that room temperature is 20° C .Calculate the minimum power needed to accomplish it.	3	Critical thinking and Problem solving
10	Find the change in internal energy of a gas when i)It absorbs 80 calorie of heat and performs work equal to 170 joule ii)It absorbs 20 calories of heat and work equal to 55 joule is performed on it	3	HOT
11	a)If there is no wastage of energy in the Carnot reversible engine ,why is its efficiency less than 100% b)Why is a flywheel used in stationary engines?	3	Analytical Skill
12	a)What is thermodynamics system? b)Prove that the work done by a thermodynamic system is equal to the area under PV diagram.	3	Understanding
13	Calculate the efficiency of a Carnot engine operating between 450K and 300 K. If this engine takes 5,00,000 joule from the source ,how much work does it performs?	5	Evaluation
14	a) Describe the Carnot's cycle. Is the efficiency of the cycle depends on the nature of the working substance? b) Ice at 0 C is heated to be converted into steam at 100 C. State the Isothermal changes in the process of conversion of ice into steam.	5	Analytical Skill



ARMY PUBLIC SCHOOL GWALIOR
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WORKSHEET (SELF –ASSESSMENT)

Subject: Chemistry

Assignment No. : 6

Allotment Date: 15 February 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	Write down position isomers for C_3H_8O .	2	Information
2	Write down two types of cleavage in covalent bond .	2	Understanding
3	Draw geometrical isomer of But-2-ene.	2	Interdisciplinary
4	Which bond is more polar CH_3-H or CH_3-Br ?	2	Understanding
5	On the bases of Huckle Rule, show that naphthalene and anthracene are aromatic in nature.	2	Interdisciplinary
6	Write down Wurtz reaction?	2	Information
7	Draw structure of a. 2,2,4,4, Tetramethylpentane b. 3,3, dimethyl pentane. c. 3,3, -di-ter-butyl -2,2,4,4, -Tetra methyl pentane	3	Application
8	How will you prepare ethane from ethene ,alkyl halide and sodium acetate	3	Understanding

S. NO.	QUESTIONS	MARKS	NATURE
9	What are conformers? Draw Sawhorse and Newman projections of ethane.	3	Information
10	Draw orbital structure of ethene and explain it.	3	Understanding
11	Which of the following is aromatic compound? a. biphenyl b. hexane c. phenanthrene d. Napthlene e. cyclobutane f. anthracene	3	HOT
12	Explain mechanism of halogenation of alkanes?	3	Understanding
13	Staggered conformation is more stable than eclipsed conformation. Explain	5	Analytical Skill
14	Write down reaction for- Friedel Crafts alkylaton. Explain its mechanism.	5	HOT



ARMY PUBLIC SCHOOL GWALIOR
CLASS – XI
ACADEMIC SESSION 2022-23
WORKSHEET (SELF –ASSESSMENT)

Subject: Accountancy

Assignment No. : 6

Allotment Date: 15 February 2023

S. NO.	QUESTIONS	MARKS	NATURE
1.	State any two advantages of GST	1	Knowledge
2.	Alka is running a stationery business. She purchased Books, Registers and Notebooks etc. on credit for Rs.10,000. The transaction is supported by purchase invoice. Identify the qualitative feature of Accounting information from the given statement.	1	Application
3.	In the financial year 2021-22, Aman's cash sales were Rs.6,00,000 and credit sales were 1/3 of cash sales. The total expenses paid by him were Rs.4,40,000 out of which Rs.20,000 pertained to 2022-23. Expenses of Rs.30,000 were still to be paid. Determine Aman's income as per 'Accrual' basis of accounting	1	Knowledge
4.	Find the correct statement A. Decrease in income is credited B. Increase in expenses is credited C. Increase in revenue is debited D. Increase in capital is credited	1	Knowledge
5.	Namita has returned goods worth Rs.25,900 to Namrita. Which 'Source document' will be prepared by Namrita? A. Invoice B. Debit note C. Credit note D. Cash Memo	1	Knowledge

6.	<p>Sunila gets a definite sum every month from the organisation for meeting small expenses. It's balance is found at the end of each month to restart for next month.</p> <p>The amount to be paid to Sunila at the beginning of every month is known as _____ amount</p>	1	Knowledge
7.	<p>Statement 1: Depreciation on Fixed asset is an expense and is debited to Profit & Loss a/c</p> <p>Statement 2 : Depreciation cannot be provided in case of loss in a Financial year</p> <p>Which of the following options is correct?</p> <p>A. Only statement 1 is true and 2 is false</p> <p>B. Only statement 2 is true and 1 is false</p> <p>C. Both statement 1 and 2 are true</p> <p>D. Both statement 1 and 2 are false</p>	1	Knowledge
8.	<p>Ram is running a cloth business in Delhi. He purchased a machinery on credit for Rs.1,00,000. Identify the 'Subsidiary Book' where it is to be recorded/shown.</p>	1	Knowledge
9.	<p>Rearrange the following assets in order of 'Liquidity'</p> <p>i i. Computer software</p> <p>ii ii. Debtors</p> <p>iii iii. Stock</p> <p>iv iv. Plant</p> <p>Options:</p> <p>A. (i), (ii), (iii), (iv)</p> <p>B. (iii), (iv), (i), (ii)</p> <p>C. (ii), (iii), (iv), (i)</p> <p>D. (iv), (i), (iii), (ii)</p>	1	Knowledge
10.	<p>Calculate Gross profit if Sales are Rs.4,00,000 and the rate of Gross profit is 33.33% on cost of goods sold.</p>	1	Knowledge
11.	<p>Rectify the following errors in the books of Tripti</p> <p>1. Machinery purchased from Khyati for Rs.50,000 was recorded in purchase book as Rs.5,00,000</p> <p>2. Goods purchased from Aarti for Rs.10,000 was debited to Aarti in the Ledger</p> <p>3. Sales book was overcast by Rs.5,000</p>	3	Knowledge and Understanding
12.	<p>On 1/1/2022 Rajat started a stationery business and invested Rs.15,00,000 from his personal sources and he took a loan of Rs.20,00,000 from his friend Sambhav @ 12% p.a. interest. He rented a shop in Sadar bazar at a rent of Rs.10,000 p.m. and paid Rs.60,000 to the landlord Mr. Manu as rent for 6 months. He purchased goods of Rs.10,00,000 from Raghav and paid 50% amount immediately. He sold goods costing Rs.1,00,000 for Rs.1,20,000 to Garima for cash. He also sold goods costing Rs.50,000 for Rs.75,000 to Nishant on a credit of 15 days. He</p>	3	Understanding and knowledge

	<p>also sold scrap for Rs. 2,000 to Monu (kabadiwala) who promise to pay the amount after 7 days. He had Rs.5,00,000 as surplus funds and purchased shares of Reliance limited with the surplus funds. He also earned a dividend from the shares of Reliance limited. The books are closed on 31st March each year. Calculate the following from the above case:</p> <ol style="list-style-type: none"> 1. Debtors 2. Prepaid expenses 3. Investments 		
13.	<p>Journalise the following transactions in the book of M/S Hiralal and prepare Ledger accounts of Harshit and Purchase</p> <ol style="list-style-type: none"> 1. Sold goods to Harshit of list price Rs.30,000 and to Harshita of list price Rs.50,000 at a trade discount of 10% on 1st April, 2022. 10% cash discount may be availed if they make the payment on or before 15th April, 2022. Harshit gave a cash to clear his dues on 14th April, 2022 and Harshita paid for her dues by cheque on 28th April, 2022 2. Mohan Lal and Sons sold goods to us of list price Rs.90,000 @20% trade discount. He accepted 1/3rd of the payment through a draft and they allowed a cash discount of 7.5% on 28th April <p>Or</p> <p>Prepare a Bank reconciliation statement as on 30/9/2022 from the information provided by Annwasha</p> <ol style="list-style-type: none"> 1. Credit balance as per pass book Rs.5,000 2. Annwasha deposited cheques of Rs.10,000 in the month of September 2022 but they were recorded in cash column of cash book 3. Insurance premium Rs.8,000 paid by bank as per the standing instructions of Annwasha was not recorded in cash book 4. Bank credited Rs.4,000 by mistake and this was not reflected in cash book. 	4	Application and computation
14.	<p>Identify and explain the Accounting Principles/Concepts/Conventions followed or violated in the following situations:</p> <ol style="list-style-type: none"> I. 'Puri and Sons' is following the policy of valuing the closing stock at cost price irrespective of the fact that its market price is significantly lower than the cost price II. 'Jain and Sons' is in Garments business. Their accountant prepared a single set of Financial statements for the time period from 1/4/2019 to 31/3/21 	4	Understanding, Application and computation
15.	<p>Prepare a Trial Balance from the balances extracted from the books of Archit as at 31/3/2022</p>	4	Application and computation

Particulars	₹
Sales	3,00,000
Closing stock (Unadjusted)	25,000
Salary and wages	5,000
Outstanding advertising expenses	5,000
Investment	2,00,000
Opening stock	50,000
Purchases	2,00,000
Discount received	1,500
Carriage inwards	1,500
Interest on investments	20,000
Capital	1,05,000

Or

Prepare Accounting equation from the following transactions of Karvy

- I. The following balances appeared in the books of Karvy on 1/1/22
 - Cash in hand Rs.5,000
 - Furniture Rs.10,000
 - Stock Rs.5,000
 - Mehak (Debtor) Rs. 8,000
 - Outstanding salary Rs.2,000
 - Garima (Creditor) Rs. 3,000
- II. Mehak paid Rs.5,000 on account
- III. Depreciate furniture by Rs.1,000
- IV. Paid insurance premium in advance Rs.1,000
- V. Paid Rs.2000 for outstanding salary

16.	<p>Record the following transactions in the double column Cash Book of 'Vertika'. Prepare Journal proper if required.</p> <p>1/1/22 Cash in hand Rs.2,500 and at bank Rs.25,000 2/1/22 Received a cheque of Rs.10,000 from Jeetansh 3/1/22 Paid Salaries by cheque Rs.5,000 and cash Rs.2000 4/1/22 Dividend collected by bank Rs.2,500 5/1/22 Cheque received from Jeetansh deposited in bank 6/1/22 Withdrew Rs.2,500 from bank for office use</p> <p>Or</p> <p>On 1st August 2019, Shizuka Ltd. purchased a machinery for Rs.3,00,000. On 1st November, 2020 another machinery was purchased for Rs.1,80,000. On 1st July 2021, the machine purchased on 1st August, 2019 was sold for Rs. 1,68,000 and on the same date a fresh machinery was purchased for Rs.2,00,000. Depreciation was provided @ 10% p.a. on the Reducing Balance Method. Books are closed on 31st March every year.</p> <p>You are required to prepare Machinery Account and Provision for Depreciation Account for three years ending 31st March, 2022.</p>	6	Application and computation
17.	Following is the Trial Balance of M/s Divya as at 31/3/22	6	Application and computation

Particulars	Debit Balance ₹	Credit Balance ₹
Opening stock	40,000	
Rent	2,000	
Capital		2,70,000
Creditors		50,000
Plant and Machinery	1,20,000	
Bill payable		50,000
Land and Building	2,55,000	
5% Loan		1,10,000
Power	1,500	
Discount		1,500
Purchases	75,000	
Sales		1,50,000
Returns	2,500	
Provision for bad debts		1,000
Internet and Postage	400	
General reserve		50,000
Wages	4,500	
Salaries	2,500	
Insurance	3,200	
Repairs	3,000	
Legal charges	6,400	
Debtors	75,000	
4% Investments	65,000	
Commission	2,480	
Drawings	20,020	
Bad debts	2,000	
	<u>6,82,500</u>	<u>6,82,500</u>

Adjustments:

1. Closing stock Rs.35,500
2. Depreciate Plant and Machinery by 5% and Land and Building by 6%
3. Write off further bad debts Rs.2,500 and discount on Debtors is Rs.1,450 and Provision for bad debts is to be maintained @5%
4. Salaries outstanding Rs.200, Wages due Rs.100 and Unexpired Insurance Rs.500
5. Gross Profit was calculated to be Rs.59,900 for the year ended 31/3/2022
6. Prepare Profit & Loss a/c and Position Statement only



ARMY PUBLIC SCHOOL GWALIOR
CLASS – XI
ACADEMIC SESSION 2022-23
WORKSHEET (SELF –ASSESSMENT)

Subject: Business Studies

Assignment No. : 6

Allotment Date: 15 February 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	An American firm “Zebzik enterprise” purchased handmade decorative pieces from India, re-packaged and sold them in its own name to Germany. This represents: a. Entrepot for Zebzik enterprise, export for India & import for Germany. b. E ntrepot for Zebzik enterprise, Import for India & export for Germany. c. Export for Zebzik enterprise, import for India & entrepot for Germany. d. Entrepot for Germany, export for India & import for Zebzik enterprise.	1	Knowledge and Remembering
2	Find any two similarities between joint stock company and cooperative societies. a. Limited Liability & Common Seal b. Separate Entity & Formation c. Limited Liability & Management Control d. Separate Entity & Service Motive	1	Knowledge and Remembering
3	This particular type of Bank account is a combination of savings bank and current account with term or special term deposits accounts. a. Multiple Option Deposit Account b. Fixed Deposit Account c. Recurring Account d. Saving Account	1	Knowledge and Remembering
4	Read the statement carefully and choose the correct alternative: Statement I : There is high investment for setting up in e-business. StatementII : e-business is also helpful in personnel recruitment, se lection and training. a. Both the statements are true. b. Both the statements are false. c. Statement I is true, Statement II is false. d. Statement II is true, Statement I is false.	1	Knowledge and Remembering
5	Identify internal source of finance from the following. a. Trade Credit b. Debentures c. Equity Shares d. Inter Corporate Deposits	1	Knowledge and Remembering
6	Everyday an ice-cream vendor appears in front of your	1	Knowledge and

	<p>school. Name the type of retailer referred here.</p> <p>a. Peddlers and Hawkers b. Market Traders c. Street Traders d. Single line Stores</p>		Remembering
7	<p>Which of the following document is not required for obtaining export license?</p> <p>a. IEC Number b. Letter of Credit c. Registration cum membership certificate d. Sight Draft</p>	1	Knowledge and Remembering
8	<p>GST is the single comprehensive _____ tax on supply of goods and services.</p> <p>a. Direct b. Indirect c. Personal d. Impersonal</p>	1	Knowledge and remembering
9	<p>Which of the following statement is FALSE for MSME sector in India</p> <p>a. MSME sector is the second largest employer of human resources, after agriculture. b. MSME is considered being less labour intensive and more capital intensive. c. MSME in our country supplies an enormous variety of products which include mass consumption goods etc. d. MSME is considered being more labour intensive and less capital intensive.</p>	1	Knowledge and Remembering
10	<p>The basic objective of Start-ups India scheme is</p> <p>a. Trigger an entrepreneurial culture and inculcate entrepreneurial values. b. Create awareness about the charms of being an entrepreneur. c. To carve strong eco system for nurturing innovation & startups of country d. Encourage more dynamic start up by motivating educated youth as a viable career.</p>	1	Knowledge and Remembering
11	<p>Mohan, after completing his MBA from a reputed college returned to India. He hired a cab (taxi) from the airport to his house at a fare of Rs.3000 as no cab was ready to go on meter. In midway he got an idea to start a kind of cab facility in which all the cabs of his business will run on meter along with the total amount of fare will be known to the passenger before boarding his company's cab. He analyzed the idea with its operational viability, also was able to arrange funds required to start the business as idea seems to be profitable. Hence, Mohan decided to start a company with a name of "Cab Convenience".</p> <p>In above Para Mohan has performed the few steps of one of the stage of formation of company.</p> <p>Explain the next three steps to be performed by Mohan to complete this stage of formation.</p>	3	Understanding and remembering
12	<p>Life insurance corporation of India is the largest insurance company in India. It is headquartered in Mumbai. It was founded in the year 1956, where the parliament of India passed the life insurance of India act that nationalized the private insurance industry in India. Over 245 insurance companies and provident societies were merged to create</p>	3	Knowledge, analyzing

	<p>the state owned life insurance corporation.</p> <p>(a) Life insurance corporation is classified as which form of public sector enterprise. (b) State any two features that highlights Life Insurance corporation of India in a particular form of public sector enterprise as identified in part (a).</p>		
13	<p>“Fundamental reason behind international business is that every country can't produce equally well or cheaply all that they need, hence international business is required”.</p> <p>Explain any four rationale of the same.</p>	4	Understanding and reasoning
14	<p>Explain any four arguments for social responsibility</p> <p>OR</p> <p>Explain any four elements of business ethics.</p>	4	Understanding
15	<p>Mohit and Sumit are friends. They have to attend the birthday party of a common friend. Mohit goes to 'Poshak kids wear' exclusively for kids wear with his parents to get a new dress for party, whereas Sumit purchased his dress from 'Reliance Mart'. & his mother purchased grocery from the same store.</p> <p>(a) Identify the type of stores Mohit and Sumit visited.</p> <p>(b) Explain any one feature of each store identified in part (a).</p>	4	Understanding
16	<p>A, B, C and D are partners in a firm with unlimited liability. But after 1991, B and C decided that they didn't want to bear unlimited risk. With the consent of all the partners, they made amendments in partnership deed and changed their liability clause, in which now the members are responsible for the losses only to the extent of the capital invested by them. (a) Identify the types of partnership formed before and after 1991 (b) State any two differences between the types of partnership identified in part (a) (c) Also explain any three advantages of partnership form of business organization.</p>	6	Understanding and analyzing
17	<p>In the banking system in India dated back to 1750 B.C. there evidence of loans from Vedic period. From the writing of many foreign travelers during Mughal period we came to know about the use of various instruments in the then great commercial centres. In the Mughal period historians found evidence of loan which is known as dastawez of two types one was payable on demand and other was payable after a stipulated time. The most important class of credit instruments of exchange evolved India at that time. Their use was most widespread in the twelfth century and has continued till today. These instruments were famous in many then trade centres such as Mathura, Kaveripatta and Broach.</p> <p>(a) Identify the instrument s of exchange prominent in the great ancient Commercial centres of India.</p> <p>(b) Also state the commercial importance of the trade centres mentioned in the para.</p>	6	Remembering , and understanding



ARMY PUBLIC SCHOOL GWALIOR
CLASS – XI
ACADEMIC SESSION 2022-23
WORKSHEET (SELF –ASSESSMENT)

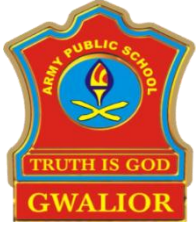
Subject: Economics

Assignment No. : 6

Allotment Date: 15 February 2023

S. NO.	QUESTIONS	MARKS	NATURE																		
1	Histogram is prepared in case of: (a) Individual series (b) Discrete series (c) Continuous series (d) None of these	1	Information																		
2	Mode is found graphically by: (a) Frequency Polygon (b) Ogive (c) Histogram (d) None of these	1	Understanding																		
3	Diagrammatic representation of the cumulative frequency distribution is: (a) Frequency Polygon (b) Ogive (c) Histogram (d) None of these	1	HOT																		
4	Ogives can be helpful in locating graphically the _____. (Mode/Median)	1	Interdisciplinary																		
5	Bar diagram is a _____. (One-dimensional diagram/ Two-dimensional diagram)	1	Analytical Skill																		
6	Pie charts usually are not drawn with absolute values of a category. (True/False)	1	Critical Thinking and Problem Solving																		
7	Width of bars in a bar diagram need not be equal. (True/False)	1	Evaluation																		
8	What is meant by tabulation?	1	Evaluation Skill																		
9	What are the two principal parts of a table?	1	Analytical Skill																		
10	The collection and classification of data leads to the problem of analysis of data. (True/False)	1	Interdisciplinary																		
11	What is meant by a two-way table? Give an illustration.	3	Communication Skills																		
12	Explain Frequency Polygon with the help of diagram.	3	Critical Thinking and Problem solving																		
13	Describe the four general guidelines for the construction of a table.	4	Interdisciplinary																		
14	Differentiate between Histogram and Frequency Polygon.	4	Understanding/Analyse																		
15	Draw 'less than' and 'more than' ogive curves from the following data: <table border="1" style="margin-left: 20px;"> <tr> <td>Marks</td> <td>0-5</td> <td>5-10</td> <td>10-15</td> <td>15-20</td> <td>20-25</td> <td>25-30</td> <td>30-35</td> <td>35-40</td> </tr> <tr> <td>No. of students</td> <td>7</td> <td>10</td> <td>20</td> <td>13</td> <td>12</td> <td>19</td> <td>14</td> <td>9</td> </tr> </table>	Marks	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	No. of students	7	10	20	13	12	19	14	9	4	HOT
Marks	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40													
No. of students	7	10	20	13	12	19	14	9													
16	What is statistical table? Explain briefly the main characteristics of a good statistical table.	6	Critical Thinking and Problem solving																		
17	Construct Histogram, Frequency Polygon and Frequency	6	Evaluation																		

Curve from the following data:											
Marks	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80			
No. of students	10	16	20	20	22	15	8	3			



ARMY PUBLIC SCHOOL GWALIOR
CLASS – XI
ACADEMIC SESSION 2022-23
WORKSHEET (SELF –ASSESSMENT)

Subject: History

Assignment No. : 6

Allotment Date: 15 February 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	<p style="text-align: center;">Part- A</p> <p><i>Answer the following objective type questions:</i></p> <p>(i) War captives and local people who were put to work for the temple or for the ruler were paid (a) bronze tools. (b) cattle. (c) coins. (d) rations.</p> <p>(ii) According to French priests the basis of classification among the three orders was (a) education. (b) race. (c) wealth. (d) nature of work.</p> <p>(iii) Construction of Cathedral town attributed to (a) Higher yield in agricultural production (b) Promotion of trade and industry (c) Business promotion drive under the shade of religion (d) The contribution and subscription by craftsmen, artisans, merchants and common people.</p> <p>(iv) The emperor who made Christianity the official religion in the Roman Empire was (a) Alexander (b) Augustus (c) Constantine (d) Nero</p> <p>(v) The best kind of wine came to Rome from _ (a) Fayum (b) Byzacium (c) Galilee (d) Campania</p> <p>(vi) The painting 'Mona Lisa' was made by (a) Leonardo da Vinci. (b) Michelangelo. (c) Raphael. (d) Donatello.</p> <p>(vii) The universities of Padua and Bologna had been</p>	(10x1=10)	Information

	<p>centres of _____ studies.</p> <p>(a) Medicine (b) Legal (c) Literature (d) Commerce</p> <p>(viii) The _____ began to arrive on the continent of Australia over forty thousand years ago.</p> <p>(a) Aztecs (b) Cherokees (c) Aborigines (d) Ottawas</p> <p>(ix) Mao Tse Tung advocated ways of solving social problems based on a survey conducted in 1930 in</p> <p>(a) Fuzhou (b) Jiujiang (c) Nanchang (d) Xunwu</p> <p>(x) The Western sciences such as astronomy and mathematics were introduced in China by</p> <p>(a) Biblical missionary (b) Jehovah missionary (c) Jesuit missionaries (d) Prophet missionary</p>		
2	<p style="text-align: center;">Part- B</p> <p><i>Answer the following questions in short:</i> What do you understand by 'Open Door Policy'?</p>	3	Understanding
3	Briefly discuss the contribution of Martin Luther to the Reformation Movement.	3	Evaluation
4	Why were the original inhabitants of North America unhappy at the behaviour of the Europeans?	3	Informative
5	Discuss the essential features before the Meiji restoration that made it possible for Japan to modernise rapidly.	3	Evaluation
6	<p style="text-align: center;">Part- C</p> <p><i>Long questions answers:</i> When was CCP founded? What was Russian influence in its formation? Discuss the role of Mao Zedong in it? Or What was the impact of the Renaissance on the life of people? What was its significance?</p>	8	Understanding and Evaluation
7	<p style="text-align: center;">Part-D (Sources Based Questions)</p> <p>Read the following source carefully and answer the questions that follow:</p> <p>Fukuzawa Yukichi (1835-1901): Born in an impoverished samurai family, he studied in Nagasaki and Osaka learning Dutch and Western sciences and, later, English. In 1860, he went as a translator for the first Japanese embassy to the USA. This provided material for a book on the West, written not in the classical but in the spoken style that became extremely popular. He established a school that is today the Keio University. He was one of the core members of the Meirokusha, a society to promote Western learning. In The Encouragement to Learning (Gakumon no susume, 1872-76) he was very critical of Japanese knowledge: 'All that Japan has to be proud of is its scenery'. He advocated not just modern factories and institutions but the cultural essence of</p>	(2+2+1=5)	Application and understanding

	<p>the West-the spirit of civilisation. With this spirit it would be possible to build a new citizen. His principle was: 'Heaven did not create men above men, nor set men below men.'</p> <p>Questions:</p> <p>(i) What do you know about Fukuzawa Yukichi?</p> <p>(ii) What did he advocate?</p> <p>(iii) Mention the name of the book in which he was critical of Japanese knowledge.</p>		
8	<p style="text-align: center;">PART-E (Map Question)</p> <p>On an outline political map of Japan, mark and name the following:</p> <p>1. The Islands:</p> <ul style="list-style-type: none"> a) Hokkaidu b) Kyushu c) Shikoku <p>2. The Cities:</p> <ul style="list-style-type: none"> d) Tokyo e) Hiroshima 	(3+2=5)	Identification



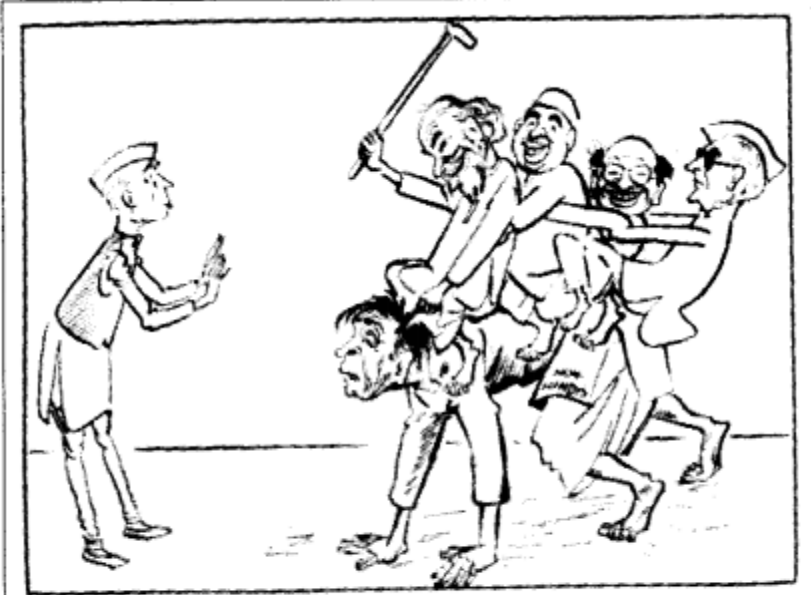
ARMY PUBLIC SCHOOL GWALIOR
CLASS – XI
ACADEMIC SESSION 2022-23
WORKSHEET (SELF –ASSESSMENT)

Subject: Political Science
Allotment Date: 15 February 2023

Assignment No. : 6

S. NO.	QUESTIONS	MARKS	NATURE
1	<p>Objective Type Questions:</p> <p>(i) Who make composition of Panchayat under Constitutional Article 243 (a) State Assembly (b) Lok Sabha (c) Council of State (d) Legislature of State</p> <p>(ii) India borrowed the Directive Principles of State Policy from the: (a) Irish constitution (b) Canadian constitution (c) British constitution (d) South African constitution</p> <p>(iii) Territorial representation means: (a) Geographical representation (b) Minority representation (c) Functional representation (d) Class representation.</p> <p>(iv) Which of the following statements is correct? (a) Liberty and Equality are opposed to each other (b) Liberty and Law are opposed to each other (c) Liberty and Equality are supplementary (d) Liberty and Equality are contradictory</p> <p>(v) Who acts as a link between the Public and Government? (a) Parliament (b) Religious leaders (c) Judiciary (d) Government officials</p> <p>(vi) In which list does railways comes? (a) union list (b) state list (c) concurrent list (d) residuary powers</p> <p>(vii) Which is not legitimate source of restrains for freedom? (a) State (b) Religion (c) Custom (d) Physical force.</p>	(10x1=10)	Information

	<p>(viii) The inclusion of secularism in the Indian constitution was not aimed</p> <p>(a) To offer religious freedom (b) St gaining minority votes (c) To unify a heterogeneous nation (d) To set the nation on the path to progress</p> <p>(ix) why do we need to make nations more democratic and inclusive?</p> <p>(a) we love democracy (b) democracy will give equal rights to all citizens whether majority or minority (c) it will lead to financial inclusion (d) it will lead to global citizenship</p> <p>(x) In which book Plato gave his idea of justice?</p> <p>(a) Politics (b) Republic (c) The Republic (d) Prince</p>		
2	“ Some concerning examples of religious discrimination remind us to continuing importance of secularism”. Justify the statement.	2	HOT
3	Indian secularism focuses on more than the religion-state separation. Explain.	4	HOT
4	Does independence of the Judiciary mean that the Judiciary is not accountable to anyone? Give arguments.	4	Critical and Analytical thinking
5	Write a short note on Parliament’s control over the council of Ministers.	4	Evaluation
6	<p>Read the extract carefully and answer the questions that follow:</p> <p>If a member remains absent in the House when asked by the party leadership to remain present of votes against the instructions of the party or voluntarily leaves the membership of the party, it is deemed as defection.</p> <p>Experience of the past twenty years show that the anti-defection amendments has not been able to defections, but it has given additional powers to the party leadership and the presiding officer of the legislatures over the members.</p> <p>Questions:</p> <p>a) What is defection? b) Has the anti-defection amendment been able to curb defection? c) Which Amendment Act is known as anti- defection amendment?</p>	(1+2+2=5)	Analytical
7	Study the cartoon carefully and answer the questions that follow:	(1+2+2=5)	Analytical



18 September 1949

During discussion on the national language in the Constituent Assembly, Nehru had to appeal to the Hindi-speaking provinces to show greater tolerance towards others.
Don't spare me Shankar, p.24

Questions:

- a) Identify the person making an appeal.
- b) What appeal is being made by him?
- c) What message does the cartoon convey?

8	<p>How is judicial activism related to the protection of Fundamental Rights? Has it helped in expanding the scope of Fundamental Rights?</p> <p style="text-align: center;">Or</p> <p>Mention the various stages through which the bill passes before becoming an Act.</p>	6	Evaluation and HOT
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ARMY PUBLIC SCHOOL GWALIOR
CLASS – XI
ACADEMIC SESSION 2022-23
WORKSHEET (SELF –ASSESSMENT)

Subject: Painting

Assignment No. : 6

Allotment Date: 15 February 2023

S. NO.	QUESTIONS	MARKS	
1	<p style="text-align: center;">Section : A</p> <p>A. Which of the following is the location of the figure of The Dancing Girl? a) Mohenjodaro b) Lothal c) Kalibangan d) Harrappa</p> <p>B. Which of the following is the medium used for making the Bull Seal? a) Limestone b) Terracotta c) Bronze d) Steatite(white river stone)</p> <p>C. What do the four hands of shivanatraj symbolize ? a) Four vices b) Four companions c) Four cardinal directions d) None of these</p> <p>D. Which of the following is not found in the artistry of Indo Islamic architecture? a) Calligraphy b) Abstract geometric elements c) Pietradura –inlay work d) Dancing figures</p> <p>E. Under which Indian dynasty was the descent of the ganga made a) Chandelas b) Pallavas c) Cholas d) Rashtrakutas</p> <p>F. What is the location of sculpture of Ravan shaking mount kailash given in your course of study. a) Kailashnath temple (cave no 16 at Ellora) b) Elephant near Bombay, Maharashtra c) Konark – orrisa d) Vimlavashi temple</p> <p>G. Kali bangan surrounding site is related to which state of our country? a) Gujrat b) Uttar Pradesh c) Haryana d) Rajsthan</p> <p>H. What is the meaning of mural</p>	8x1=8	Thinking and Understanding

	a) Painting b) Sculpture c) The art work painted directly on wall or ceiling d) Graphic art		
2.	<p style="text-align: center;">Section : B</p> <p>General instructions answer to be written for each is about 100 words.</p> <p>2. Write a short note on "Roaring Animal"</p> <p>3. Write a short note on "Dancing Girl"</p> <p>4. Name the types of caves found in Ajanta?</p> <p>5. Elaborate the technique of Ajanta Paintings.</p> <p>6. Describe the sculpture Mother and Child.</p> <p style="text-align: center;">Section : C</p>	2x5=10	HOT
3.	<p>General instruction :- Answer to be written about 200 words.</p> <p>Q7 Write the characteristics of Ajanta Art? & Elucidate the Artistic aspects of The Taj Mahal.</p>	6x2=12	



ARMY PUBLIC SCHOOL GWALIOR
CLASS – XI
ACADEMIC SESSION 2022-23
WORKSHEET (SELF –ASSESSMENT)

Subject: Physical Education

Assignment No. : 6

Allotment Date: 15 February 2023

S.NO.	QUESTIONS	MARKS	NATURE
Part-A	<p>1) Which of the following is not a type of disability? I) Physical disability II) Intellectual disability III) Cognitive disability IV) Behaviour</p> <p>2) The strength to face the resistance is: I) Strength II) Speed III) Tolerance IV) Flexibility</p> <p>3) According to Patanjali, the elements of yoga are: I) 6 II) 7 III) 8 IV) 9</p> <p>4) Who is the father of modern Olympic games? I) Pierre-de-coubertin II) Aristotle III) John Pele IV) None of these</p> <p>5) Flexion and Extension movements comes under: I) Gliding II) Anguar III) Rotation IV) Circumduction</p> <p>6) Pronation position of body is: I) Head down II) Lying with face down III) Palm facing down IV) All of the above</p> <p>7) Jumping Jack exercise consists of: I) Adduction II) Abduction III) Circumduction IV) Both (I) and (II)</p>	1X8=8	Remembering

	8) The study of human behavior is called: V) Psychology VI) Home Science VII) Social Science VIII) Political Science 9) Vocational guidance is helpful in: I) Infancy II) Childhood III) Adulthood IV) Adolescence		
Part- B	Following questions in 60 to 90 words:		
1.	Describe any three objectives of physical education.	3	Understanding
2.	Briefly explain the meaning of sports training.	3	Application
3.	Write down the functions of IOC.	3	Understanding
4.	Briefly explain types of body movements.	3	Understanding
Part- C	Answer the following question in 150 to 180 words		
1.	Write a detailed note on physical disability.	5	Understanding
2.	Explain any 5 principles of sports training.	5	Knowledge
3.	Briefly explain about Axis and Plane movements..	5	Understanding
4.	Describe any 5 co-ordination abilities.	5	Knowledge



ARMY PUBLIC SCHOOL GWALIOR
CLASS – XI
ACADEMIC SESSION 2022-23
WORKSHEET (SELF –ASSESSMENT)

Subject: Psychology

Assignment No. : 5

Allotment Date: 15 February 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	In an experimental study of the extent to which mental alertness is inhibited by sleep deprivation, alertness would be the _____ variable a. Independent b. Dependent c. Extraneous d. Intervening	1	Application
2	Within which of the subsequent the extinction of a response is more difficult? a. Partial reinforcement b. Continuous reinforcement c. Discontinuous reinforcement d. All of the above	1	Remembering
3	People often solve problems by trying the identical solution that worked for an identical problem. this is often referred to as solving problems experimentally. a. Means-end analysis b. Analogy c. Premise d. Generalization	1	Knowledge
4	The school of psychology whose goal was to identify the basic elements of experience was called: a. experientialism b. dualism c. functionalism d. Structuralism	1	Remembering
5	_____ assumes that there are facts about the world that can be observed and tested independently from the individual who describes them. _____ assumes that there are facts about the world that can be observed and tested independently from the individual who describes them. Professor Carter observes and records the behavior of grocery shoppers as they select items to purchase. Which type of research is Professor Carter using? a. survey research b. case study	1	Understanding

	c. experimentation d. naturalistic observation		
6	The ability that enables person to go into details and workout implications of new ideas is called a. fluency b. flexibility c. originality d. elaboration	1	Remembering
7	_____ memory is to first-hand experience as _____ memory is to knowledge about the world. a. semantic, episodic b. episodic, semantic c. implicit, explicit d. explicit, implicit	1	Analysing
8.	Who did not give the theory of cognitive development? a) Jean Piaget b) Lawrence Kohlberg c) Erik Erikson d) All of the above	1	Reasoning
9	All of the experiences that a person has endured throughout their lifetime is called? a) Exosystem b) Chronosystem c) Mesosystem d) Macrosystem	1	Remembering
10.	Which of the following is not a biological motive a) Hunger b) Sex c) Being loved d) Thirst	1	Understanding
11	Identify obstacles that one may encounter in problem solving.	2	Analysing
12	What is linguistic relativity theory?	2	Remembering
13	What is the difference between emotions, feeling and mood? Or Difference between psychologist and psychiatrist	2	Understanding
14	How does motivation influence our attention and perception?	2	Application
15	Explain Maslow's need hierarchy theory with the help of diagram. Or Draw the flowchart of information processing approach model.	2	Application
16	Why do illusions occur?	3	Knowledge

17	Explain types of conflicts with the help of examples.	3	Analysing
18	Describe what is meant by the "praise-and-ignore" approach to classroom management. What are the strengths and limitations of this approach? Give several examples of the types of incidents to which it might be applied appropriately. Or Give the application of classical conditioning and operant conditioning each.	4	Remembering
19	Give principles of perception given by gestalt psychologists. Or What is bottom up and Top down Processing? Give Examples.	4	Application
20	A cup can be used in different ways. Explain all the features of creative thinking using this example. Or The most appropriate enquiry for the following research problems are 1. Description and prediction 2. Application 3. Description , explanation and control (Detailed explanation is required)	6	Understanding



ARMY PUBLIC SCHOOL GWALIOR
CLASS – XI
ACADEMIC SESSION 2022-23
WORKSHEET (SELF –ASSESSMENT)

Subject: NCC

Assignment No. : 5

Allotment Date: 15 February 2023

S. NO.	QUESTIONS	MARKS	NATURE
1	What is the length and breadth of the Obstructive wall? a) 5 X 10 ft b) 7 X 12 ft c) 6 X 12 ft d) 8 X 10 ft	1	Information
2	Obstretical constraints approximately from one obstacle to another What is the distance ? a) About 11 feet b) About 30 feet c) About 12 feet d) About 10 feet	1	Knowledge
3	What are the common obstacles in obstretical training lives? a) 10 Obstacles b) 11 Obstacles c) 12 Obstacles d) 13 Obstacles	1	Information
4	When was Namami Gange Project launched ? a) 2011 b) 2012 c) 2013 d) 2014	1	Knowledge
5	DTL _____ means ? a) Diploma in Taxation Law b) Deferred Tax Liability c) Deep Trench Latrine d) Down Trench Latrine	1	Information
6	Heart beat of a healthy and normal person _____ per minute ? a) 69 times b) 70 times c) 72 times d) 73 times	1	Knowledge

7	World Health Day is celebrated on a) 1st March b) 7th April c) 6th October d) 10th December	1	Critical Thinking
8	Rest, sleep, Physical exercise, and cleanliness a part of a) Social hygiene b) Personal hygiene c) Hygiene d) None of the above	1	Critical Thinking
9	Which one of the following diseases is also known as "Salmonella enterica serotype Typhi" a) Malaria b) Typhoid c) Yellow fever d) Diarrhoea	1	Critical Thinking
10	Small harmful living things are known as a) Bacteria b) Germs c) Both of (a) and (b) d) None of these	1	Information
11	Describe a soakage pit?	2	Knowledge
12	Define environment ?	2	Critical Thinking
13	What do you understand by adventure training?	3	Analytical Thinking
14	What are the aims of trekking?	3	Analyzing
15	What are the characteristics of healthy mind?	4	Information
16	What is the influence of forest on Ecology and pollution?	4	Critical Thinking
17	What measure the youth should adopt to check environmental degradation?	6	Information
18	What are the basic points of correct posture?	6	Critical Thinking