## ARMY PUBLIC SCHOOL GWALIOR CLASS -X <br> ACADEMIC SESSION 2021-22 WORKSHEET (SELF-ASSESSMENT)

## Subject: English

Allotment Date: 15 September 2021

| S. NO. | QUESTIONS | MARKS | NATURE |
| :---: | :---: | :---: | :---: |
| 1 | Rivers are considered sacred in our country, but they have been reduced to drains in the cities. You are deeply concerned about the plight of our rivers. As Nikhil/ Neha write a letter to the editor of a national daily voicing your concern regarding the plight of a river near your city. ( 120 words). | 6 | Information |
| 2 | Given alongside is a graph that pertains to the percentage of the population living below that poverty line across different states of India in two years: 1973-74 and 1999-2000. Use the information provided to write a paragraph on the age old problem of poverty in India. Mention the regional trends and the way the scenario has changed over the years. (100-120 words) | 6 | Analytical Skill |
| 3 | MCQs based on letter to the editor. Choose the correct options. <br> 1. What is the purpose of writing a letter to the editor? <br> a. To express one's request. b. To give warning abe <br> b. To give warning about the issue. c. To express on's <br> c. To express one's opinion or give comments. <br> 2. Which of the following is not the correct tone for the letter to the editor? <br> a) b) forsmal <br> c) amusing <br> d) serious <br> 3. What would you do if you do not want the newspaper or magazine to publish your name? <br> a) Request the newspaper or magazine not to publish your name. <br> b) File a legal action against the newspaper or magazine. | 3 | Communicatio n Skill |

4 Choose the correct options to fill in the blanks to complete the note.

Nearly 92 lakh children, who had either dropped out of schools or never (a) .......... , will now get elementary education as it (b) $\qquad$ . on the part of the local authorities and the State governments to ensure that all children in 6-1 years age group (c) $\qquad$ .
(a) (i) had been to any educational institution
(ii) have been to any educational institution
(iii) been to any educational institution
(iv) has been to any educational institution
(b) (i) can be blinding
(ii) will be blinding
(iii) is blinding
(iv) has been blinding
(c) (i) get schooling
(ii) will be schooled
(iii) get schooled
(iv) have schooling

5 Choose the correct options and fill in the blanks to complete the narration of the conversation given below.
Teacher: That is a beautiful painting, Garima!
Garima: Thank you, Ma'am!
Teacher: You have used colours nicely. But tell me, why have you coloured the field light green this side of the fence and dark green on the other side? You could have made the colour darker more gradually.
Garima: But Ma'am, isn't there a saying that the grass is always greener on the other side of the fence?
The teacher saw Garima painting a beautiful picture. She( i) ----. Garima thanked her teacher. The teacher complimented her on her use of colours. However, she was puzzled as to why Garima (ii) --------- the field light green one side of the fence and dark green on the other. Garima replied that she was just following the saying that ( iii ) ------- on the other side of the fence.
i) a. exclaimed what a beautiful painting it was
b. said what a beautiful painting it was
c. asked how Garima made such a beautiful picture
d. told Garima that it was a beautiful picture
ii)
a. coloured
b. had coloured
c. was colouring
d. had been colouring
iii)
a. the grass was always greener
b. grass was always greener
c. the grass is always greener
d. the grass are always greener

3 Interdisciplinar
y

6
Interdisciplinar y

| 6 | Read the extract given below and answer the questions that follow: <br> "Stop that sulking at once, Amanda! <br> You're always so moody, Amanda! <br> Anyone would think that i nagged at you, <br> Amanda!" <br> 1. Who is the speaker of these lines? <br> 2. What kind of a girl was Amanda? <br> 3. Did she really sulk? <br> 4. Find a word from the stanza that means 'teased'. | 4 | Understanding |
| :---: | :---: | :---: | :---: |
| 7 | The poem [The Ball Poem] deals with a child understanding loss for the first time. Matches and championships too, deal with a different sense of loss. <br> Explain how games and sports are a good way to train children to take losses in their stride | 6 | HOT |
| 8 | Answer the following questions in 30-40 words: <br> a) What are some of the things you now know about <br> i) the people of Coorg? <br> ii) the main crop of Coorg? <br> iii) the sports it offers to tourists? <br> b) 'Describe the scene which took place after the arrival of Mr. Jaffers, the constable, in the story 'Footprints without Feet'. | 6 | Evaluation |

## ARMY PUBLIC SCHOOL GWALIOR CLASS -X <br> ACADEMIC SESSION 2021-22 WORKSHEET (SELF-ASSESSMENT)

| S. NO. | QUESTIONS | MARKS |  |
| :---: | :---: | :---: | :---: |
|  | प्रश्न:- 1आपको विधालय में खेलने का अवसर नहीं मिलता ।कह दिया जाता है कि छात्र संख्या अधिक होने से सबके लिए व्यवस्था नहीं हो सकती। प्रधानाचार्य को पत्र लिखकर इस समस्या पर चर्चा कीजिए और एक उपाय की सुझाइए। | 5 | Information |
| 2 | प्रश्नः -2 प्रस्तुत गघाश को पढ़कर दिए गए प्रश्नों के उत्तर लिखिए- <br> पानी ही इस सृष्टि का जन्मदाता है ।जल से ही सब कुछ पैदा हुआ है ।जन्म से मरण तक मनुष्य के जीवन के सभी कर्मकांडों, यजों आदि में जल का बहुत महत्त्व है।तीर्थों पर जाकर निर्मल सरोवरों और बहती नदियों में स्नान का अपना ही महत्व है ।जल दिव्य गुणयुक्त है ।इसका ठीक प्रयोग शरीर और मन को स्वस्थ बनाता है, परिणामस्वरूप हमारे चेहरे पर एक मुस्कराहट होती है ।जल के अभाव में मनुष्य के प्राण कंठ तक आ जाते हैं और सभी काम अधूरे रह जाते हैं।जल के बिना सृष्टि की कल्पना भी नहीं की जा सकती।जल को सम्मान का पर्यायवाची भी माना जाता है।परमात्मा की अनंत सामर्थ्य से आकाश, वायु, अग्नि, जल और पृथ्वी आदि तत्व उत्पन्न हुए हैं और उसमें पूर्वोक्त कर्म के अनुसार शरीर की उत्पत्ति हुई है । <br> मनुष्य के शरीर में $70 \%$ पानी की मात्रा का विस्तार है ।पशु-पक्षियों का जीवन जल से निर्धारित है ।पेड़-पौधों को पानी की आवश्यकता मौसम पर निर्भर है | 5 | Understanding |


|  | ।पेड़-पौधे जितना पानी लेते हैं ,वे वातावरण में उसे रिसने की क्रिया द्वारा छोड़ते भी है।इससे जलवायु में भी सुधार होता है।इस प्रकार जीवन में जल का बहुत महत्व्व होता है। <br> प्रश्न- क . प्रस्तुत गघाश के आधार पर पेड़-पौधों का क्या महत्व है? <br> प्रश्न- ख . प्रस्तुत गघाश का केन्द्रीय भाव दो -तीन वाक्यों में लिखिए? <br> प्रश्न- ग. मनुष्य के लिए जल किस प्रकार महत्वपूर्ण है? <br> प्रश्न- घ. सृष्टि में पानी का क्या महत्व है? <br> प्रश्न- ड़ . प्रस्तुत गघाश का उचित शीर्षक दीजिए ? |  |  |
| :---: | :---: | :---: | :---: |
| 3 | प्रश्न :- 3 ' हरिहर काका ' कहानी में लेखक ने किन -किन मुद्दों को उठाने का प्रयास किया है ? | 5 | HOT |
| 4 | प्रश्न: - 4 निम्नलिखित प्रश्नों के उत्तर निर्देशानुसार लिखिए - <br> क - सुनीता (परिश्रमी और होशियार) लड़की है ।कोष्ठक में दिए गए पदबन्ध का प्रकार बताइए- <br> ख- ( ततारा की तलवार ) एक विलक्षण रहस्य थी।कोष्ठक में दिए गए पदबन्ध का प्रकार बताइए- <br> ग - उसे जूते खरीदने थे, इसलिए वह बाज़ार गया ।( वाक्य का प्रकार बताइए ) <br> घ - मेहनत ना करने के कारण वह फेल हो गया। ( वाक्य का प्रकार बताइए ) <br> ड-' दाँतों पसीना आना ' मुहावरे का वाक्य में प्रयोग कीजिए - | 5 | Interdisciplinary |
| 5 | प्रश्न :- 5 पवन गारमेट्स के मालिक की ओर से कपड़ों की सेल का | 5 | Analytical Skill |


|  | विजापन $\mathbf{2 5}$ से $\mathbf{3 0}$ शब्दों में तैयार कीजिए । |  |  |
| :--- | :--- | :--- | :--- |
| 6 | प्रश्न:- $\mathbf{6}$ लेखक को अपनी माँ द्वारा दी गई कौन सी सीख सदैव याद | 5 | Critical <br> Thinking and <br> Problem <br> Solving |
| आती थी और क्यों? | प्रश्न: - $\mathbf{7}$ निम्नलिखित शब्दों का समास विग्रह करके समास का नाम <br> भी लिखिए- दरानन ,आजन्म, सुख-दुःख, यशप्राप्त ,पंजाब । | 5 | Evaluation |
| $\mathbf{7}$ | प्रश्नः - - ' स्वतंत्रता का महत्त्व ' विषय पर एक अनुच्छेद लिखिए-- <br> संकेत बिन्दु- भूमिका , पराधीनताएक अभिशाप, स्वतंत्रता के लाभ , उपसंहार । | 5 | Communication <br> Skills |

## ARMY PUBLIC SCHOOL GWALIOR CLASS -X <br> ACADEMIC SESSION 2021-22 WORKSHEET (SELF-ASSESSMENT)

Subject: Mathematics
Assignment No. : 6 Allotment Date: 15 September 2021

## CH. 7\&12: COORDINATE GEOMETRY \& AREA RELATED TO CIRCLE

| S. NO. | QUESTIONS | MARKS | NATURE |
| :---: | :---: | :---: | :---: |
| 1 | 1. The points $A(0,-2), B(3,1), C(0,4)$ and $D(-3,1)$ are the vertices of a <br> (a) parallelogram <br> (b) rectangle <br> (c) <br> square <br> (d) rhombus | 1 | Understanding |
| 2 | The points $A(0,6), B(-5,3)$ and $C(3,1)$ are the vertices of a triangle <br> Which is <br> (a)Isosceles <br> (b) equilateral <br> (c) scalene <br> (d) right angled | 1 | Understanding |
| 3 | If the points $A(2,3), B(5, k)$ and $C(6,7)$ are collinear, then the value of $k$ is <br> a) 4 (b) 6 (c) $3 / 2$ (d) $11 / 4$ | 1 | Understanding |
| 4 | If $P(-1,1)$ is the middle point of the line segment joinng $A(-3, b)$ and $B(1, b+4)$ then the valueof $b$ is <br> (a) 1 <br> (b) -1 <br> (c) 2 (d) 0 | 1 | Interdisciplinary |
| 5 | $y$-axis divides the join of $P(-4,2)$ and $Q(8,3)$ in the ratio <br> (a) $3: 1$ <br> (b) $1: 3$ <br> (c) $2: 1$ <br> (d) $1: 2$ | 1 | Analytical Skill |


| 6 | x-axis divides the join of $A(2,-3)$ and $B(5,6)$ in the ratio $\mathbf{1}$ Critical <br> Thinkingand <br> (a) $3: 5$ <br> (b) $2: 3$ (c) $2: 1$ (d) $1: 2$ <br> Soblem   |
| :--- | :--- | :--- | :--- | :--- |


| 7. | The point $\mathrm{P}(1,2)$ divides the join of $\mathrm{A}(-2,1)$ and $\mathrm{B}(7,4)$ are in the ratio of <br> (a) $3: 2$ <br> (b) $2: 3$ <br> (c) $2: 1$ <br> (d) $1: 2$ | 1 | Application |
| :---: | :---: | :---: | :---: |
| 8. | A point $P$ divides the join of $A(5,-2)$ and $B(9,6)$ are in the ratio 3:1. The coordinates of $P$ are <br> (a) $(4,7)$ <br> (b) $(8,4)$ <br> (c) $(11 / 2,5)(d)(12,8)$ | 1 - | Analytical <br> Thinking |
| 9 | In the given fig. AB is the diameter of a circle with centre $O$ and $O A=7 \mathrm{~cm}$. Find the area of the shaded region. <br> (a) $64.5 \mathrm{~cm}^{2}$ (b) <br> (b) $61.5 \mathrm{~cm}^{2}$ (c) $66.5 \mathrm{~cm}^{2}$ (d) <br> ${ }^{2}(d)$ none of these | 1 | Understanding |
| 10 | Find the area of the shaded region in the given figure, if $P R=24 \mathrm{~cm}, \mathrm{PQ}=7 \mathrm{~cm}$ and O is thecentre of the circle. <br> (a) $164.54 \mathrm{~cm}^{2}$ (b) $161.54 \mathrm{~cm}^{2}$ (c) 162.54 cm 2 <br> (d) none of these | 1 | Interdisciplinary |


|  |  |  |  |
| :---: | :---: | :---: | :---: |
| 11 | $\square \square$ A sector of $56^{\circ}$, cut out from a circle, contains 17.6 $\mathrm{cm}^{2}$. Find the radius of the circle. <br> (a) 6 cm <br> (b) 7 cm <br> (c) 5 cm <br> (d) 8 cm | 1 | Interdisciplinary |
| 12. | A pendulum swings through an angle of $30^{\circ}$ and describes an arc 8.8 cm in length. Find thelength of the pendulum. <br> (a) 16 cm <br> (b) 16.5 cm <br> (c) 16.8 cm <br> (d) 17 cm | 1 | Interdisciplinary |
| 13 | The fourth vertex of the rectangle whose three vertices taken in order are $(4,1),(7,4),(13,-2)$ is <br> (a) $(10,-5)$ <br> (b) $(10,5)$ <br> (c) $(8,3)$ <br> (d) $(8,-3)$ | 2 | Evaluation |
| 14 | If four vertices of a parallelogram taken in order are $(-3,-1),(a, b),(3,3)$ and $(4,3)$. Then $\mathrm{a}: \mathrm{b}=$ <br> (a) $1: 4$ <br> (b) $4: 1$ <br> (c) $1: 2$ <br> (d) $2: 1$ | 2 | Analytical <br> Thinking |
| 15. | If the origin is the mid-point of the line segment joined by the points $(2,3)$ and $(x, y)$, then thevalue of $(x, y)$ is <br> (a) $(2,-3)$ <br> (b) $(2,3)$ <br> (c) $(-2,3)$ <br> (d) $(-2,-3)$ | 2 | Evaluation |
| 16. | The perimeter of a triangle with vertices $(0,4),(0,0)$ and $(3,0)$ is: <br> (a) 5 <br> (b) 12 <br> (c) 11 <br> (d) 7 | 2 | Evaluation |
| 17. | Line formed by joining (-1,1) and $(5,7)$ is divided by a line $x$ $+y=4$ in the ratio of <br> a) $1: 4$ <br> (b) $1: 3$ <br> (c) $1: 2$ <br> (d) $3: 4$ | 2 | Analytical thinking |
| 18. | The difference between the circumference and radius of a circle is 37 cm . The area of the circleis <br> (a) $111 \mathrm{~cm}^{2}$ <br> (b) $184 \mathrm{~cm}^{2}$ <br> (c) $154 \mathrm{~cm}^{2}$ <br> (d) $259 \mathrm{~cm}^{2}$ | 2 | Problem solving |
| 19. | The circumference of two circles are in the ratio $2: 3$. The ratio of their areas is <br> (a) $2: 3$ <br> (b) $4: 9$ <br> (c) $9: 4$ <br> (d) none of these | 2 | Interdisciplinary |


| 20. | On increasing the diameter of circle by $40 \%$, its area will   <br> be increased by   <br> (a) $40 \%$ (b) $80 \%$ (c) $96 \%$ <br>  (d) none of these  Evaluation  <br> 21. The circumference of a circle is 88 cm. Find the area of the <br> sector whose central angle is $72^{0}$ <br> (b) $123 \mathrm{~cm}^{2}$ (b) $123.5 \mathrm{~cm}^{2}$ <br> (c) $123.4 \mathrm{~cm}^{2}$ (d) none of these Critical thinking |  |  |  |
| :--- | :--- | :--- | :--- | :--- |


| 22. | On decreasing the radius of the circle by $30 \%$, its area is decreased by <br> (a)30\% <br> (b) $60 \%$ <br> (c) $45 \%$ <br> (d) none of these | 3 | HOTS |
| :---: | :---: | :---: | :---: |
| 23. | The area of the square is the same as the area of the circle. Their perimeter re in the ratio <br> (a) $1: 1$ <br> (b) $\square: 2$ <br> (c) 2 : <br> (d) none of these | 3 | HOTS |
| 24. | The minute hand of a clock is 15 cm long. Calculate the area swept by it in 20 minutes. Take $\square=3.14$ <br> (a) $116 \mathrm{~cm}^{2}$ (b) $166 \mathrm{~cm}^{2}$ (c) $616 \mathrm{~cm}^{2}$ (d) none of these | 3 | HOTS |

## ARMY PUBLIC SCHOOL GWALIOR CLASS -X <br> ACADEMIC SESSION 2021-22 WORKSHEET (SELF-ASSESSMENT)

都

Subject: Science
Assignment No. : 6
Allotment Date: 15 September 2021

| S. NO. | QUESTIONS | MARKS | NATURE |
| :---: | :---: | :---: | :---: |
| 1 | Q1. Why is sodium kept immersed in kerosene oil? <br> Q2. Mention the purpose of blackening the interior of a solar cooker. <br> Q3. Which endocrine gland secretes the growth hormone? | $\begin{aligned} & \hline 1 \\ & 1 \\ & 1 \end{aligned}$ | Information |
| 2 | Q4. State the functions of any three of the structural and functional units of nervous system. <br> Q5. Describe the three parts of Human Brain. <br> Q6. Give reason for the following: <br> (i) School bells are made up of metals. <br> (ii) Electrical wires are made up of copper. | 3 <br> 3 <br> 3 | Understanding |
| 3 | Q7. Bio gas is an excellent fuel. Justify the statement by giving two reasons. Mention the main constituents of bio gas along with its percentage. <br> Q8. What are amphoteric oxides? Give two examples of amphoteric oxides and reaction with acid and base. | 3 | HOT |
| 4 | Q9. Differentiate between endocrine and exocrine glands. Q10. Draw a well labelled diagram of Neuron. | $\begin{aligned} & 3 \\ & 3 \end{aligned}$ | Interdisciplinary |
| 5 | Q11. Differentiate between metals and non- metals on the basis of their chemical properties. | 5 | Analytical Skill |
| 6 | Q12. List any three hazards of nuclear waste. How does the disposal of nuclear waste pose a problem for the plant and animal life? | 5 | Critical Thinking and Problem Solving |
| 7 | Q13. Explain how auxins help in bending of plant stem towards light. Explain with help of an experiment. <br> Q14. (a) How does construction of dams across the river get linked with production of greenhouse gases? <br> (b) How do technological inputs improve the efficiency of biomass fuels? | 3 3 | Evaluation |

## ARMY PUBLIC SCHOOL GWALIOR CLASS -X <br> ACADEMIC SESSION 2021-22 WORKSHEET (SELF-ASSESSMENT)

Subject: Social Science
Assignment No. : 6
Allotment Date: 15 September 2021

| S. NO. | QUESTIONS |  |  | MARKS | NATURE |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Define Nation-state. |  |  | 1 | Information |
| 2 | Which of the following group of powers collectively defeated Napolean? <br> (a) England, France, Italy, Russia <br> (b) England, Austria, Spain, Russia <br> (c) Austria, Prussia, Russia , Britain <br> (d) Britain, Prussia, Russia , Italy |  |  | 1 | Understanding |
| 3 | Suggest any two ways to reduce land and water degradation in industrial and suburban areas. |  |  | 1 | Understanding |
| 4 | Complete the following regarding cultivation of R | with correct inf <br> Temperature required for its growth <br> (B)-? | mation <br> Annual rainfall required for its growth 50 to 75 cm | 1 | Interdisciplinary |
| 5 | Correct the following statement and rewrite it: The system of 'checks and balances' comes under Horizontal distribution of power sharing. |  |  | 1 | Critical Thinking and Problem Solving |
| 6 | What was the significance of 'Broken Chains' ? <br> (i) Being freed <br> (ii) Heroism <br> (iii) Readiness to fight <br> (iv) Willingness to make peace |  |  | 1 | Critical Thinking and Problem Solving |
| 7 | What do you mean by the word ethnic? |  |  | 1 | Understanding |
| 8 | What is sustainable development? |  |  | 1 | Understanding |
| 9 | What are intermediate goods? |  |  | 1 | Understanding |
| 10 | In the question given below, there are two statements marked as assertion (A) and reason (R). Read the statements and choose the correct option . <br> Assertion (A) Economic activities grouped into three categories are highly dependent. <br> Reason (R) Primary and secondary activities cannot produce goods unless they are aided by the tertiary sector. Options <br> (a) Both $(A)$ and $(R)$ are true and $(R)$ is the correct explanation of $(A)$. <br> (b) Both $(A)$ and $(R)$ are true and $(R)$ is not the correct explanation of $(A)$. |  |  | 1 | Critical Thinking and Problem Solving |


|  | (c) (A) is true, but (R) is false. <br> (d) <br> (A) is false, but (R) is true. |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{1 1}$ | What were the provisions of Treaty of Vienna of 1815? | $\mathbf{3}$ | Information |
| $\mathbf{1 2}$ | State the essential conditions required for the cultivation of <br> rubber. | $\mathbf{3}$ | Analytical Skill |
| $\mathbf{1 3}$ | Compare the employment conditions prevailing in the <br> organised and unorganised sectors. | $\mathbf{3}$ | Analytical Skill |
| $\mathbf{1 4}$ | Why is tertiary sector is becoming more important than other <br> sectors in India ? Give any three reasons. | $\mathbf{3}$ | Communication <br> Skills |


| $\mathbf{1 5}$ | What changes did Napoleon introduce to make the <br> administrative system more efficient in the territories ruled by <br> him? | $\mathbf{5}$ | Information |
| :--- | :--- | :--- | :--- |
| $\mathbf{1 6}$ | Explain what is meant by the 1848 revolution of the liberals. <br> What were the political, social and economic ideas <br> supported by the liberals? | $\mathbf{5}$ | Information |
| $\mathbf{1 7}$ | What initiatives have been taken by government to ensure an <br> increase in agriculture production? | $\mathbf{5}$ | Interdisciplinary |
| $\mathbf{1 8}$ | On an outline map of India locate and label the following with <br> suitable symbols. <br> (i) $\quad$ Rihand Dam <br> (ii) $\quad$ A region of black soil <br> (iii) $\quad$ Hirakud Dam | $\mathbf{3}$ | Information |

## ARMY PUBLIC SCHOOL GWALIOR CLASS -X <br> ACADEMIC SESSION 2021-22 WORKSHEET (SELF-ASSESSMENT)

Subject: Health and Physical Education
Allotment Date: 15 September 2021

| S.NO | Answer the following questions | NATURE | Marks <br> $\mathbf{1 X 1 0 = 1 0}$ |
| :--- | :--- | :--- | :--- |
| 1. | A substance needed by the body for growth, energy, repair <br> and maintenance is called a <br> a: Nutrient <br> b: Carbohydrate <br> c: Calorie <br> d: Fatty acid | Informative | $\mathbf{1}$ |
| 2. | All of the following nutrients are found in food except... <br> a: Plasma <br> b:Proteins <br> c: Carbohydrates <br> d: Vitamins | Informative | $\mathbf{1}$ |
| 3 Any substance or mixture of substances intended for |  |  |  |
| preventing, destroying, repelling, or mitigating any pest is |  |  |  |
| called |  |  |  |
| a: Pesticidesb: Virus <br> c: Bacterium <br> d: Ephedrine | Informative |  |  |
| 4 A(n)amount of energy contained in food. <br> a: Label <br> b: Food guide pyramid <br> c: Calorie <br> d: Basket | $\mathbf{1}$ |  |  |


| 5 | Fill in the blanks (question no. 5 to 7) Eggs are rich in $\qquad$ <br> ( Protein, Calcium) | Interdisciplinary | 1 |
| :---: | :---: | :---: | :---: |
| 6 | Carbohydrates provide $\qquad$ to our body. <br> (Energy, Fat) | Interdisciplinary | 1 |
| 7. | Our body needs $\qquad$ for muscle- building and for repairing worn-out tissues. ( Protein, Minerals) | Informative | 1 |
| 8. | True and False (question no. 8 to 10) Pesticides can cause short-term adverse health effects. | Informative | 1 |
| 9. | In physics, electromagnetic radiation (EMR) consists of waves of the electromagnetic (EM) field, propagating through space, carrying electromagnetic radiant energy. | Informative | 1 |
| 10 | - A healthy eating plan also will lower your risk for heart disease and other health conditions. | Analytical | 1 |

## ARMY PUBLIC SCHOOL GWALIOR CLASS -X

## ACADEMIC SESSION 2021-22 <br> WORKSHEET (SELF-ASSESSMENT)

## Subject: Work Education

Assignment No. : 6
Allotment Date: 15 September 2021

| S. NO. | QUESTIONS | MARKS | NATURE |
| :---: | :---: | :---: | :---: |
| 1 | Which state is famous for paper mache? <br> A. Madhya Pradesh <br> B. Uttar Pradesh <br> C. Uttarakhand <br> D. West Bengal | 1 mark | Creative Skills |
| 2 | Who brought paper mache to Kashmir? <br> A. Sultan Zain-ul-Abadin <br> B. Maqbool Fida Hussain <br> C. Raja Ravi Varma <br> D. Amrita Sher-Gil | 1 mark | Creative Skills |
| 3 | What is the Meaning of Paper Mache? <br> A.chewed or crushed paper <br> B. Coloured paper <br> C. Sheets <br> D. Stencils | 1 mark | Creative Skills |
| 4 | The traditional method of making papier-mâché adhesive is to use a mixture of $\qquad$ <br> A.water and wheat <br> B. water and grains <br> C. water and flour <br> D. water and colour | 1 mark | Creative Skills |
| 5 | The $\qquad$ type of paper mache is most often used to create molded and sculpted <br> A.pieces. <br> B. Pulp <br> C. Strip | 1 mark | Creative Skills |




## ARMY PUBLIC SCHOOL GWALIOR CLASS -X <br> ACADEMIC SESSION 2021-22 WORKSHEET (SELF-ASSESSMENT)

## Subject: Art Education

Allotment Date: 15 September 2021

| SR. <br> NO. | ANSWER THE FOLLOWING QUESTION | NATURE | MARKS <br> 1x10 $=10$ |
| :--- | :--- | :--- | :---: |
| 1 | What do you mean by Aamad? <br> a) Entrance <br> b) Pranam <br> c) Both | Informative | 1 |
| 2 | Aamad is performed in which classical <br> dance? <br> a) Bharatnatyam <br> b) Kathak <br> c) Manipuri | Informative |  |
| 3 | Is Aamad done in teen taal? <br> a) yes <br> b) No | Informative |  |
| 4 | Aamad is the ------- word? <br> a) Persian <br> b) Latin <br> c) none of the above | Informative |  |
| 5 | ------------ is the first piece to show on the <br> stage. <br> a) Aamad <br> b) Toda <br> c) Tukda | Informative | 1 |
| 6 | Freedom means -------. <br> a) Open mindedness <br> b) No restrictions <br> c) None of the above <br> 7 | What is the Writer name ? <br> a) Robin klein <br> b) Hardy <br> c) Thomas <br> ( |  |
| 8 | What does that girl named? <br> a) Amanda <br> b) Klein | Informative | 1 |


|  | c) None of the above |  |  |
| :--- | :--- | :--- | :---: |
| 9 | How many types of classical dance form are <br> there? <br> a) 8 <br> b) 6 <br> c) 7 | Informative | 1 |
| 10 | For learning any kind of skill freedom is <br> necessary. <br> a) True <br> b) False | Informative | 1 |

## ARMY PUBLIC SCHOOL GWALIOR CLASS -X <br> ACADEMIC SESSION 2021-22 WORKSHEET (SELF-ASSESSMENT)

Assignment No. : 6
Subject: Computer
Allotment Date: 15 September 2021

| S.NO. | QUESTIONS | MARKS | NATURE |
| :--- | :--- | :--- | :--- |
| $\mathbf{1}$ | Choose and write the correct option (MCQ):- <br> (i). For Import/Export data operation. Click on : <br> (a) Home Tab <br> (b) External Data Tab <br> (c) Import/Export Tab <br> (d) None of these | $1 / 2 \times 4=2$ | Information |
|  | (ii) What plugs in the network card located in every <br> computer connected in LAN? <br> (a) Ethernet cables <br> (b) Switch <br> (c) Hub <br> (d) Port <br> (iii) To apply filter, you need to apply : : <br> (a) Encryption <br> (b) Sort <br> (c) Criteria <br> (d) Glue |  |  |
| (iv) The mobile phones using this technology are able |  |  |  |
| to be unlocked and mover between carriers:- |  |  |  |
| (a) CDMA |  |  |  |
| (b) GSM |  |  |  |
| (c) WLL |  |  |  |
| (d) None of these. |  |  |  |$\quad$| Fill in the blanks- |
| :--- |


|  | (i) $\qquad$ does not assign specific frequency to each user on the communication network. <br> (ii) For Applying number filters, in the Filter menu point to $\qquad$ options. <br> (iii) A $\qquad$ is a name assigned to a column of data in a table. <br> (iv) A wireless network interface card bears an $\qquad$ . |  |  |
| :---: | :---: | :---: | :---: |
| 3 | Write short notes on following- <br> (i) DBMS <br> (ii) Filtering <br> (iii) Access Point <br> (iv) Record Selector | $1 / 2 \times 4=2$ | Critical Thinking |
| 4 | Answer the following questions - <br> (i) Find out and write names of the file types in which access data can be exported? <br> (ii) Write two features of WLL technology. <br> (iii) Write any two differences between Peer to Peer networking and Client Server Networking. <br> (iv) Write down steps involved in sorting of data. | $1 \times 4=4$ | HOT |

