# ARMY PUBLIC SCHOOL GWALIOR

## CLASS -VIII

## ACADEMIC SESSION 2020-21

## WORKSHEET

**Subject: English** **Assignment No.:10**

**Allotment Date: 15th January 2021**

| S. NO. | QUESTIONS | MARKS | NATURE |
|---|---|---|---|
| **1** | Collect information about the great scientist and astrophysicist Stephen Hawkings and write down a letter to your friend sharing your extraordinary experience of your first meeting with him. | **4m** | Information |
| **2** | **Read the following extract and answer the questions given below:**<br>"The poetry of earth is ceasing never;<br>On a lone winter evening when the frost<br>Has wrought a silence , from the stone there shrills<br>The cricket's song , in warmth increasing ever;<br>And seems to one in drowsiness half lost ;<br>The grasshopper's among some grassy hills.<br>**Questions:**<br>1. Who is the poet of the above extract of the poem?<br>2. What has brought silence over the hills?<br>3. How does the poetry of earth never cease? | **3m** | Understanding |
| **3** | Discuss about the ambition and passion of Duttada as an astronomer with reference to the story " Comet".<br>Answer in100 words. | **4m** | HOT |
| **4** | **Grammar**<br>Fill in the blanks with mustn't or ought not to-<br>1. You ……speak rudely to your elders.<br>2. You ……tell lie.<br>3. You ……..break the traffic rules.<br>_____ | **3m** | Interdisciplinary |
| **5** | Is Duttada a superstitious person or a man of reasoning and science? Discuss with reference to the story "Comet" in your supplememtary Reader. | **3m** | Analytical Skill |
| **6** | "The poetry of earth" is not made of words .What is it made uo of? How does it keep on through summer and winter in a never ending song? Discuss with reference to the poem " The Grasshopper and the Cricket". | **4m** | Critical Thinking and Problem Solving |
| **7** | Answer the following questions in about 20-30 words.<br>1. Evaluate the story " A Visit to Cambridge" as a story of meeting between two differently abled people.<br>2. Evaluate the author Ruskin Bond as a nature lover who enjoys | **3x2=6m** | Evaluation |

| | | | |
|---|---|---|---|
| | the monsoon in hills and observes the accompanying changes in flora and fauna of the world with reference to "A Short Monsoon Diary".<br>3. What "unforeseeable" thing happened to the poet in the poem " When I Set Out for Lyonnesse" when he visited the place? | | |
| **8** | Your friend has stood first in English Olympiad. Write down an email to him/her congratulating on the achieved success. | **3m** | Communication Skills |

# ARMY PUBLIC SCHOOL GWALIOR

## CLASS -VIII

## ACADEMIC SESSION 2020-21

## WORKSHEET

**Subject: Hindi** **Assignment No.:10**

**Allotment Date: 15th January 2021**

| क्र0 | प्रश्न | अंक | प्रश्न का प्रकार |
|---|---|---|---|
| 1. | **प्र01– उचित विकल्प छाँटिए** :<br>क– भारत की खोज पुस्तक में किसकी जेल यात्रा का वर्णन है?<br>1– प• जवाहरलाल नेहरू ( )<br>2– महात्मा गाँधी ( )<br>3– भगत सिंह ( )<br>ख– जेल में चाँद लेखक को क्या याद दिलाता था ?<br>1– रात का ( )<br>2– अँधेरे का ( )<br>3– अँधेरे के बाद उजाला होता है ( )<br>ग– अहमद नगर की जेल में नेहरूजी ने क्या काम शुरू किया ?<br>1– साफ सफाई ( )<br>2– खाना पकाना ( )<br>3– बागवानी ( ) | 5 | वस्तुनिष्ठ |

| | | | |
|---|---|---|---|
| | घ – जेल की मिट्टी कैसी थी ?<br>1– उपजाऊ ( )<br>2– महीन ( )<br>3– मलबेवाली ( )<br>ड़ – सिंधु घाटी सभ्यता कितनी हजार वर्ष प्राचीन है?<br>1– पाँच ( )<br>2– दस ( )<br>3– पन्द्रह ( ) | | |
| **2.** | प्र02 क– कारक के भेद उदाहरण सहित दीजिए ।<br>ख– निम्न शब्दों से भाव वाचक संज्ञा बनाइए–<br>1– शिशु 2– राष्ट्र 3– शिष्य<br>ग – निम्न शब्दों के लिंग बताइए 7<br>1– कथनी 2– भारत 3– बरगद<br>.. | 1<br>3<br>3 | बोधात्मक |
| **3.** | प्र03 क– पाँच नित्य पुल्लिंग शब्द लिखिए ।<br>ख– पाँच नित्य स्त्रीलिंग शब्द लिखिए।<br>ग – पाँच ऐसे शब्द लिखिए जो सदैव बहुवचन में प्रयोग किए जाते हैं। | 3 | अंतः विषयक |
| **4.** | प्र04– निम्नलिखित में से किसी एक विषय पर अनुच्छेद लिखिए –<br>अ– राष्ट्रीय एकता ब– मेरे जीवन का लक्ष्य | 5 | गहन चिंतन |

| | | | |
|---|---|---|---|
| | | | |
| **5.** | प्र•5– निम्न प्रश्नों के उत्तर दीजिए –<br><br>क – मक्खन चुराते समय और खाते हुए श्रीकृष्ण थोड़ा सा मक्खन बिखरा क्यों देते थे?<br><br>ख – श्रीकृष्ण के लिए पाँच पर्यायवाची शब्द लिखिए ।<br><br>ग – साइकिल आंदोलन से पुडुकोट्टई की महिलाओं के जीवन मे कौन से बदलाव आए?<br><br>घ – बिलवासी जी ने रूपयों का प्रबंध कहाँ से किया था ?<br><br>ड़– लाला झाऊलाल ने फौरन दो और दो जोड़कर स्थिति को समझ लिया। आपके विचार से लाला ने कौन –कौन सी बातें समझ ली होगी? | 10 | मूल्यांकन |

# ARMY PUBLIC SCHOOL GWALIOR

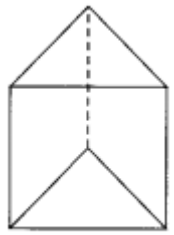
## CLASS -VIII

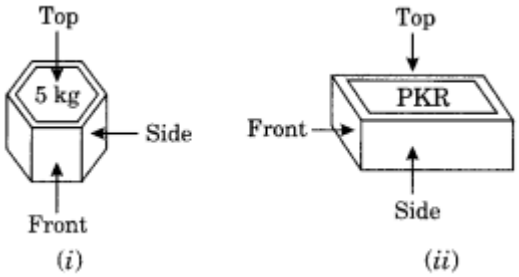
## ACADEMIC SESSION 2020-21

## WORKSHEET

**Subject: Mathematics** **Assignment No.:10**

**Allotment Date: 15th January 2021**

| S. NO. | QUESTIONS | MARKS | NATURE |
|---|---|---|---|
| 1 | Verify Euler's formula for a right triangular prism.<br>  <br>Triangular prism | 1 | Application and Interpretation |
| 2 | From a circular sheet of a radius 5 cm, a circle of radius 3 cm is removed. Find the area of the remaining sheet. | 1 | Application |
| 3 | If the circumference of a circular sheet is 176 m, find its diameter and area. | 1 | Analytical |
| 4 | Verify whether a polyhedron can have 10 faces, 20 edges and 15 vertices. | 1 | Informative |

| | | | |
|---|---|---|---|
| **5** | If F = 18 and V = 10, then find the value of E in Euler's formula. | **1** | Understanding |
| **6** | The areas of a rectangle and a square are equal. If the length of the rectangle is 16 cm and breadth is 9 cm, find the side of the square | **1** | Problem solving |
| **7** | If the side of a square is doubled then how much time its area becomes? | **1** | Understanding |
| **8** | The area of a rectangle is 544 $cm^2$. If its length is 32 cm, find its breadth. | **1** | Application |
| **9** | Draw the front, side and top views of the following 3-D figures.<br>  <br> | **1** | Imaginative |
| **10** | A copper wire of length 44 cm is to be bent into a square and a circle. Which will have a larger area? | **2** | Application |

| | | | |
|---|---|---|---|
| **11** | The diameter of a wheel is 70 cm. How many times the wheel will revolve in order to cover a distance of 110 m? | **2** | Analytical thinking and problem solving |
| **12** | A thin wire is in the form of an equilateral triangle of side 11 cm. Find the area of a circle whose circumference is equal to the length of the wire. | **2** | Analytical skill |
| **13** | The area of a trapezium is 400 $cm^2$, the distance between the parallel sides is 16 cm. If one of the parallel sides is 20 cm, find the length of the other side. | **2** | Problem solving |
| **14** | A rectangular metal sheet of length 44 cm and breadth 11 cm is folded along its length to form a cylinder. Find its volume. | **2** | Critical thinking and problem solving |
| **15** | Mitesh wants to buy a trapezium shaped field. Its side along the river is parallel to and twice the side along the road. If the area of this field is 10500 $m^2$ and the perpendicular distance between the two parallel sides is 100 m, find the length of the side along the river. | **2** | HOTS |
| **16** | The area of a trapezium is 1440 $cm^2$. If the lengths of its parallel sides are 54.6 cm and 35.4 cm, find the distance between them. | **3** | Application and problem solving |
| **17** | The parallel sides of a trapezium are 20 cm and 10 cm. Its nonparallel sides are both equal, each being 13 cm. Find the area of the trapezium.. | **3** | Problem solving |

| | | | |
|---|---|---|---|
| **18** | Find the area of a rhombus whose one side measures 5 cm and one<br><br>diagonal as 8 cm | **3** | Critical thinking and problem solving |
| | | | |

# ARMY PUBLIC SCHOOL GWALIOR

## CLASS -VIII

## ACADEMIC SESSION 2020-21

## WORKSHEET

**Subject: Science** **Assignment No.:10**

**Allotment Date: 15th January 2021**

| S. NO. | QUESTIONS | MARKS | NATURE |
|---|---|---|---|
| Q1 | **Answer the following questions.**<br>**i. In which medium sound travels faster?**<br>**ii. Why rubber and plastic do not conduct electricity?** | **1x2=2** | Information |
| Q2 | **i. What do you mean by amplitude?**<br>**ii. Define good conductors and poor conductor or insulators.** | **2X2=4** | Understanding |
| Q3 | **i. An explosion occurs on the moon will it be a. seen b. heard on the earth instantly or after some time?**<br>**ii. It is advisable to cut the electric supply before putting water over a fire caused due to electricity. Why?** | **2x2=4** | HOT |
| Q4 | **i. In the game hide and seek. How can the blindfolded person guess which player is closest to him?**<br>**ii. Normal water conducts electricity while the pure or distilled water does not explain why?**<br>**iii. Why is tin electroplated on iron to make cans use for storing food?** | **2x3=6** | Interdisciplinary |

| | | | |
|---|---|---|---|
| **Q5** | **i. You are given a carbon rod, a copper plate and copper sulphate solution. Explain the arrangement you will do to get a coating of copper on the carbon rod.** | **3x3=9** | Analytical Skill |
| | **iii. A pendulum oscillates 40 times in 4 seconds. Find its time period and frequency?** | | Evaluation |
| | **iii. We add a small amount of sugar to distilled water, the resulting solution will be a good conductor or poor conductor? Explain why?** | | Critical Thinking and Problem Solving |
| **Q 6.** | **i. What is electroplating? On which effect of the electric current is it based? Why is it done?** | **5x1=5** | Communication Skills |

# ARMY PUBLIC SCHOOL GWALIOR

## CLASS -VIII

## ACADEMIC SESSION 2020-21

## WORKSHEET

**Subject: Social Science** **Assignment No.:10**

**Allotment Date: 15th January 2021**

| S. NO. | QUESTIONS | MARKS | NATURE |
|---|---|---|---|
| 1 | Q1. Objective type questions<br>Fill in the blanks and rewrite the sentences.<br>i) The Quit India Movement started in August _____.<br>ii) The Congress resolved to fight for Purna Swaraj in 1929 under the president of _____.<br>iii) The Moderate leaders did not believe in _____ actions.<br>iv) Mahatma Gandhi abruptly called off the _____ Movement when it took violent turn.<br>v) The first Indian woman to become President of the Indian National Congress was _____.<br>vi) The slogan 'Freedom is my birth right and I shall have it' was raised by_____.<br>vii) At what percent of the census 2001 put rural household electrification?<br>Ans:-_____<br>viii) Under which article of the Constitution is the Right to water is recognized?<br>Ans:- _____<br>ix) What is the quantity of water supply in India in an urban area?<br>Ans:-_____<br>x) Where is the government budget presented?<br>Ans:- _____<br>xi) Whom does the responsibility of water supply belongs to throughout the world.<br>Ans:-_____ | 11 | Information and Understanding |
| 2 | How did the Non- cooperation Movement gain momentum through 1921-22? Explain. | 3 | HOTS |

| | | | |
|---|---|---|---|
| 3 | Do you think the distribution of public facilities in our country is adequate and fair? Give an example of your own to explain. | 3 | Interdisciplinary |
| 4 | Why are most of the private hospitals and private schools located in major cities and not in towns and rural areas? | 3 | Communication Skills |
| 5 | How is the sale of water by farmers to water dealers in Chennai affecting the local people? Do you think local people can object to such exploitation of ground water? Can the government do anything in this regard? | 4 | Critical Thinking and Problem Solving |
| 6 | What had happened in Chauri Chaura that Gandhiji called off his Non- Cooperation movement ? | 4 | Analytical Skill |
| 7 | On an outline political map of India locate the following places:-<br>A)- State in which Jallianwala Bagh took place?<br>B)- Where did 'Forest Satyagrahas' took place? | 2 | Evaluation |

# ARMY PUBLIC SCHOOL GWALIOR

## CLASS -VIII

## ACADEMIC SESSION 2020-21

## WORKSHEET

**Subject: Sanskrit** **Assignment No.:10**

**Allotment Date: 15th January 2021**

| S.NO. | QUESTIONS | MARKS | NATURE |
|---|---|---|---|
| 1 | **समानार्थकापदं चित्वा लिखत–**<br>(क) करिणाम् .....।<br>(अश्वानाम्/गजानाम्/गर्दभानाम्)<br>(ख) अभूत् .....।<br>(अचलत्/अहसत्/अभवत्)<br>(ग) सञ्जधान .....।<br>(अमारयत्/अखादत्/अपिबत्)<br>(घ) बुध्यते .....।<br>(लिख्यते/अवगम्यते/पठ्यते)<br>(ङ) घटः .....। (तडागः/नलः/कुम्भः) | (5) | Information |
| 2 | **सन्धिविच्छेदं पूरयत–**<br>(क) अत्रैवोक्तम् – ---------- + ----<br>(ख) सूर्याचल: – ---------- + ----<br>(ग) तथैव – ---------- + ----<br>(घ) वृक्षाग्रवासी – ---------- + ----<br>(ङ) प्रथमोपग्रहस्य – ---------- + ---- | (5) | Understanding |

| | | | |
|---|---|---|---|
| 3 | **अधोलिखितानि पदानि आधृत्य वाक्यानि रचयत–**<br>साम्प्रतम् – .....<br>निकषा – .....<br>परितः – .....<br>उपविष्टः – .....<br>कर्मभूमिः – ..... | (5) | Interdisciplinary |
| 4 | **मञ्जूषात: पदानि चित्वा रिक्तस्थानानि पूरयत –**<br>नौकाम् , पृथिवी , तदा , चला , अस्तं<br>(क) सूर्य: पूर्वदिशायाम् उदेति पश्चिमदिशि च ----------<br>गच्छति।<br>(ख) सूर्य: अचल: पृथिवी च ----------।<br>(ग) ---------- स्वकीये अक्षे घूर्णति।<br>(घ) यदा पृथिव्या: छायापातेन चन्द्रस्य प्रकाश: अवरूध्यते -------<br>---------- चन्द्रग्रहण भवति।<br>(ङ) नौकायाम् उपविष्ट: मानव: ----------<br>स्थिरामनुभवति। | (5) | Analytical Skill |

| | | | |
|---|---|---|---|
| **5** | **अधोलिखितानां पदानां लिङ्गं विभक्तिं वचनञ्च लिखत–**<br>**पदानि** **लिङ्गम्** **विभक्तिः**<br>1 कस्तूरी ..... .....<br>2 युद्धे ..... .....<br>3 सीमन्तिनीषु ..... .....<br>4 बलवन्तम् ..... .....<br>5 शक्रस्य ..... ..... | (5) | Critical Thinking and Problem Solving |
| **6** | **अधोलिखितानां विपरीतार्थकपदानि लिखत–**<br>उदयः .....<br>.....<br>अचलः .....<br>.....<br>अन्धकारः .....<br>.....<br>स्थिरः .....<br>.....<br>समादरः .....<br>.....<br>आकाशस्य .....<br>..... | (5) | Evaluation |

# ARMY PUBLIC SCHOOL GWALIOR

## CLASS -VIII

## ACADEMIC SESSION 2020-21

## WORKSHEET

**Subject: Computer Science** **Assignment No. : 9**

**Allotment Date: 15th January 2021**

| S.NO. | QUESTIONS | MARKS-10 | NATURE |
|---|---|---|---|
| 1 | Choose and write the correct option (MCQ):- | 1 x 2=2 | Information |
| a) | The type of a e-commerce used by individuals to sell products and services directly to other individual .<br>i. B2C ii. B2E<br>iii. C2C | | |
| b) | The e-commerce in which the sale or exchange of products and services takes place between business firms.<br>i. B2E ii. B2B<br>iii. B2C | | |
| 2 | Fill in the blanks-<br>a. The e-commerce that takes place using mobile device is called _____ .<br>b. With _____business model , the sellers can sell products directly to consumers without using traditional retail channel .<br>c. _____is the most popular vehicle for C2C e-commerce.<br>d. B2E e-commerce is also known as _____. | 1/2 x 4=2 | Understanding |
| 3 | **Answer the following questions:-**<br>a. What do you mean by e-commerce?<br>b. What are the advantages of e-commerce?<br>c. What are the different models of e-commerce? | 2<br>2<br>2 | Evaluation |

# ARMY PUBLIC SCHOOL GWALIOR

## CLASS -VIII

## ACADEMIC SESSION 2020-21

## WORKSHEET

**Subject: Art** **Assignment No.:9**

**Allotment Date: 15th January 2021**

| S. NO. | QUESTIONS | MARKS | NATURE |
|---|---|---|---|
| 1 | What is the meaning of Warli art? | 2 | |
| 2 | Who invented Warli art? | 2 | |
| 3 | What are the main features of Warli painting? | 2 | |
| 4 | How is Warli art done? | 2 | |
| 5 | What are the Warlis famous for? | 2 | |

# ARMY PUBLIC SCHOOL GWALIOR

## CLASS -VIII

## ACADEMIC SESSION 2020-21

## WORKSHEET

**Subject: Dance** **Assignment No.:9**

**Allotment Date: 15th January 2021**

| S. No | Questions | Total Marks |
|---|---|---|
| 1 | How many divisions are there in teentaal?<br>A} 4<br>B} 5<br>C} 3 | 2 |
| 2 | Aang, upang, bhav are the part of _____.<br>A} Toda<br>B} Taal<br>C} Bhajan | 2 |
| 3 | Bhajan is practiced in_____.<br>A} Jhaptaal<br>B} Teentaal<br>C} Roopaktaal | 2 |
| 4 | It is presented in _____.<br>A} Gurudwara<br>B} Temples<br>C} Mosques | 2 |
| 5 | How many quantities are there in Teentaal?<br>A} 16<br>B} 15<br>C} 12 | 2 |

# ARMY PUBLIC SCHOOL GWALIOR

## CLASS -VIII

## ACADEMIC SESSION 2020-21

## WORKSHEET

**Subject: Karate** **Assignment No.:9**

**Allotment Date: 15th January 2021**

| S. No | Questions | Point |
|---|---|---|
| 1 | What is the starting position of ippons techniques?<br>A. Shikodachi<br>B. Heikodachi<br>C. Zenkotsudachi<br>D. Niquashi dachi | 1 |
| 2 | Single offence and defence is the technique of……?<br>A. Bunkai<br>B. Ippon<br>C. Kata<br>D. Kumite | 1 |
| 3 | What is the position of chudan mae gari in third ippon?<br>A. Niquashi dachi<br>B. Heikodachi<br>C. Zenkotsudachi<br>D. None of these | 1 |
| 4 | Which gari is used in fifth ippon?<br>A. Mae gari<br>B. Chudan yuko gari<br>C. Mawashi<br>**D.** Kentekigari1 | 1 |
| 5 | Which gari is used in1 sixth ippon)<br>A. Mae gari<br>B. Chudan yuko gari<br>C. Chudan Mawashi | 1 |

| | | |
|---|---|---|
| | D. Kentekigari | |
| **6** | Bunkaiis the combination of offence and .....?<br><br>A. Ippon<br>B. Wazari<br>C. Defence<br>D. None of these | **1** |
| **7** | What is the starting position of bunkai?<br><br>A. Zenkotsudachi<br>B. Ippon<br>C. Dachi<br>D. Heikodachi | **1** |
| **8** | Which gari is used in the offence of first bunkai?<br><br>A. Chudan gari<br>B. Jodan gari<br>C. mai gari<br>D Yuko gari | **1** |
| **9** | What is Japanese named first attack in the offence of third bunkai?<br><br>A. Chudan Tsuki<br>B. Gaidan Tsuki<br>C. Jodan Tsuki<br>D. Tsuki | **1** |
| **10** | What is the english name of niquashi dachi in defence of third bunkai?<br><br>A. Cat stance<br>B. Dog stance<br>C. Lion stance<br>D. None of these | **1** |

# ARMY PUBLIC SCHOOL GWALIOR

## CLASS -VIII

## ACADEMIC SESSION 2020-21

## WORKSHEET

**Subject: Physical Education** **Assignment No.:9**

**Allotment Date: 15th January 2021**

| S. NO. | QUESTIONS (SHORT ANSWER) | MARKS (2X5=10) | NATURE |
|---|---|---|---|
| 1. | What skills are needed for track and field? | 2 | |
| 2. | What is history of track and field? | 2 | |
| 3. | What are the types of jumping events in track and fields? | 2 | |
| 4. | What are the types of hurdles races in track and field events? | 2 | |
| 5. | What are the types of middle distances races in track and field events? | 2 | |

# ARMY PUBLIC SCHOOL GWALIOR

## CLASS -VIII

## ACADEMIC SESSION 2020-21

## WORKSHEET

**Subject: Yoga** **Assignment No.:9**

**Allotment Date: 15th January 2021**

| S. NO. | QUESTIONS | MARKS | NATURE |
|---|---|---|---|
| **1** | What is the meaning of Asana according to Patanjali Sutras? | **2** | |
| **2** | What precautions should we follow while doing Bhujang Asana? | **2** | |
| **3** | Give any 4 benefits of Bhujang Asana? | **2** | |
| **4** | What are the Therapeutic Application of Dhanur Asana? | **2** | |
| 5 | Give any 2 limitation of Shalabh Asana? | 2 | |