



ARMY PUBLIC SCHOOL GWALIOR

CLASS- IX

SESSION 2020-21

WORKSHEET-2(SELF- ASSESSMENT TEST)



Subject: English

Allotment Date: 07/5/2020

M.M:40

Note:-Please submit Worksheet-1 and Worksheet-2(Self-Assessment Test) in hard copy to your subject teacher when the school is reopened.

S. NO.	QUESTIONS	MARKS	NATURE
1	<p>“If you work hard and know where you’re going, you’ll get there, says Evelyn Glennie.</p> <p>You have now read about two musicians, Evelyn Glennie and Ustad Bismillah Khan. Do you think that they both worked hard? Where did they want to ‘go’? Answer these questions in two paragraph, one on each of the two musicians.</p>	6	Information
2	<p>Read the extract carefully and answer the following questions:</p> <p>Two roads diverged in yellow wood. And sorry I could not travel both And be one traveller, long I stood And locked down once as far as I could To where it bent in the undergrowth;</p> <p>1.At which point had the poet reached ? 2.Why was the traveller feeling sorry ? 3.Give the opposite to ‘met at a point’ from the passage ? 4.what is the mood of the poet in these lines.</p>	4	Understanding
3	<p>Answer the following questions in about 30-40 words each:</p> <p>(any one)</p> <p>[4X2=8] (any one)</p> <p>(1)Why does the lost child lose interest in the things that he had wanted earlier? (2) Why does the author say, ‘Toto was not the sort of pet we could keep for long’? (3) How does the poet resolve the dilemma? Which road does he</p>	4	HOT

	<p style="text-align: center;">choose and why?</p> <p>(4) What should we do to make friends with the wind?</p>																	
4	<p>From the text on Bismillah Khan, find the words and phrases that match these definitions and write them down. The number of the paragraph where you will find the words/phrases has been given for you in brackets.</p> <ol style="list-style-type: none"> 1. The home of royal people (1) 2. The state of being alone (5) 3. A part which is absolutely necessary (2)..... 4. To do something not done before(5)..... 	4	Interdisciplinary y															
5	<p>(i) The following paragraph has not been edited. There is one error in each line. Identify the error and write down its correction.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%; text-align: center;">Error</th> <th style="width: 20%; text-align: center;">Correction</th> </tr> </thead> <tbody> <tr> <td>Lincoln, one of the much respected</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> </tr> <tr> <td>Presidents of the USA, is the son of</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> </tr> <tr> <td>a Kentucky frontiers man and has to</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> </tr> <tr> <td>struggle to living and learn.</td> <td style="text-align: center;">.....</td> <td style="text-align: center;">.....</td> </tr> </tbody> </table> <p>(ii) Rearrange (any four) of the following groups of words/phrases to make meaningful sentences.</p> <p>Rearrange the following words to form meaningful sentences. (any four)</p> <ol style="list-style-type: none"> (a) Decorated/gaily/house/ is /the (b) The/over/doors/outside/green/are/leaves/entwined (c) Used/evergreen/traditionally/the/leaf (d) Very/all is/ inside,/gay/too,/and/ bright 		Error	Correction	Lincoln, one of the much respected	Presidents of the USA, is the son of	a Kentucky frontiers man and has to	struggle to living and learn.	2 2	Analytical Skill
	Error	Correction																
Lincoln, one of the much respected																
Presidents of the USA, is the son of																
a Kentucky frontiers man and has to																
struggle to living and learn.																
6	<p>India is famous for its cultural diversity and unity. It makes us feel proud to have a fusion of culture, art, folk and religion. Write an article on National integration on the occasion of Independence Day to be included in your school magazine.</p> <p style="text-align: center;">OR</p> <p>Write a paragraph on My favourite Teacher.</p>	6	Critical Thinking and Problem Solving															
7	<p>Answer the following questions briefly.</p> <p>What were the things that the boy wanted to possess or do when he was with his parents? It makes us feel proud to have a fusion of culture , art, folk and religion. Write an article on National integration on the occasion of Independence Day to be included in your school magazine.</p> <p style="text-align: center;">OR</p> <p>Describe in brief, the adventures of Toto, the monkey?</p>	6	Evaluation															
8	<p>Write a Diary entry based on lockdown. How did you spend your Quarantine time with your family.</p>	6	Communication Skills															



ARMY PUBLIC SCHOOL GWALIOR

CLASS IX

SESSION 2020-21



WORKSHEET-2(SELF- ASSESSMENT TEST)

Subject: Hindi

Allotment Date: 07/5/2020

M.M-40

Note:-Please submit Worksheet-1 and Worksheet-2(Self-Assessment Test) in hard copy to your subject teacher when the school is reopened.

S. NO.	QUESTIONS	MARKS	NATURE
1	वार्षिक परीक्षा में प्रथम स्थान पर उत्तीर्ण होने पर सहपाठी को बधाई देते हुए पत्र लिखिए।	5	Information
2	मोहन और श्याम के बीच कोरोना वायरस (कोविड-19) को लेकर होने वाली चर्चा को लगभग 50-60 शब्दों में संवाद शैली में लिखिए।	6	Communication Skill
3	1- निम्नलिखित शब्दों में प्रयुक्त प्रत्यय तथा मूल शब्द अलग कीजिए। लिखावट झगड़ालू 2-निम्नलिखित शब्दों में अनुस्वार, अनुनासिक तथा नुक्ता चिह्नों का उचित स्थान पर प्रयोग करें- हस ससार आख महिलाए जमीन इज्जत 3-निम्नलिखित शब्दों के संधि विच्छेद कीजिए। 1- मरणासन्न 2- सचिवालय 4-निम्नलिखित शब्दों में प्रयुक्त उपसर्ग तथा मूल शब्द अलग कीजिए। (क)-अपकार	2 3 2 3	Interdisciplinary

	(ख)–आजन्म (ग)–पराजय		
4	गिलहरी के घायल बच्चे का उपचार किस प्रकार किया गया तथा गिल्लू किन अर्थों में परिचारिका की भूमिका निभा रहा था?	5	Analytical Skill
5	निम्नलिखित में से किसी एक विषय पर 80–100 शब्दों में अनुच्छेद लिखिए। (क)–समाचार पत्र का महत्व अथवा (ख)–बढ़ती आबादी घटते वन	5	Critical Thinking And Problem Solving
6	निम्नलिखित प्रश्नों के उत्तर दीजिए। क. लड़के की मृत्यु के दूसरे ही दिन बुढ़िया खरबूजे बेचने क्यों चल पड़ी? ख. बुढ़िया को खरबूजे बेचते देख पास–पड़ोस वालों को परेषानी क्यों थी? ग. रैदास को क्यों प्रतीत होता है कि उनके प्रभु उन पर द्रवित हो गए हैं?	9	Evaluation



ARMY PUBLIC SCHOOL GWALIOR
CLASS -IX
SESSION 2020-21
WORKSHEET-2(SELF -ASSESSMENT TEST)



Subject: Mathematics

Allotment Date: 07/5/2020

M M: - 40

Note:-Please submit Worksheet-1 and Worksheet-2(Self-Assessment Test) in hard copy to your subject teacher when the school is reopened.

S. NO.	QUESTIONS	MARKS	NATURE
1.	In between two rational numbers there is /are (a) Exactly one rational number (b) infinitely many rational number (c) Many irrational numbers (d) Only irrational numbers	1	Understanding
2.	The product of a rational and an irrational numbers is (a) Always an integer (b) Always a rational number (c) Always an irrational number (d) Sometimes rational and sometimes irrational	1	Application
3	The decimal expansion of an irrational number may be: (a) Terminating (b)Recurring (c) Either terminating or non-terminating (d) Non terminating and non-recurring	1	Analytical Skill
4	A rational number between 2 and 3 : (a)1.9 (b) $\sqrt{2} \cdot \sqrt{3}/2$ (c) 1.5 (d) 1.8	1	Application
5	Which of the following is irrational? (a) $\sqrt{\frac{4}{9}}$ (b) $\sqrt{12}/\sqrt{3}$ (c) $\sqrt{5}$ (d) $\sqrt{81}$	1	Critical Thinking
6	What would be the denominator after rationalizing $7/(5\sqrt{3} - 5\sqrt{2})$ (a) 19 (b) 20 (c) 25 (d) None of these	1	Critical Thinking and Problem Solving
7	A polynomial of degree 3 terms in x has at-most (a) 5 terms (b) 3 terms (c) 4 terms (d) 1 term		Understanding

		1	
8.	The value of k for which x-1 is a factor of the polynomial $4x^3+3x^2-4x+k$ is (a) 0 (b) 3 (c) -3 (d) 1	1	Application
9	$x^3+y^3+z^3-3xyz$ is (a) $(x+y-z)^3$ (b) $(x-y+z)^3 -3xyz$ (c) $(x+y+z)^3-3xyz$ (d) $(x+y+z)(x^2+y^2+z^3-xy-yz-zx)$	1	Analytical thinking
10	The factors of $12x^2-x-6$ are (a) $(3x-2)(4x+3)$ (b) $(12x+1)(x-6)$ (c) $(12x-1)(x+6)$ (d) $(3x+2)(4x-3)$	1	Interdisciplinary
11	When polynomial x^3+3x^2+3x+1 is divided by $x+1$, the remainder is (a) 1 (b) 0 (c) 8 (d) -6	1	Evaluation
12.	If $p(u)=x^3-1$, then the value of $p(1)+p(-1)$ is (a) 0 (b) 1 (c) 2 (d) -2	1	Application/Evaluation
13	Find the integral zeroes of the polynomial $x^3 + 3x^2 - x - 3$	2	Evaluation
14	Factorize : $x^2 + 3\sqrt{2}x + 4$	2	Application/Problem solving
15.	Expand : $(102)^3$	2	Evaluation
16.	If $(x+1)$ and $(x-1)$ are factors of $px^3 + x^2 + 2x + q$ then, find the value of p and q.	2	Evaluation
17.	Express each of the following repeating decimals as a quotient of integers. (a) $0.5\bar{7}$ (b) $0.13\bar{4}$	2	Analytical thinking
18.	Visualise 3.765 on the number line, using successive magnification.	2	Problem solving
19.	Classify the following numbers as rationals or irrationals (i) $(3+\sqrt{3})^2$ (ii) $(3+\sqrt{3})(3-\sqrt{3})$	2	Evaluation

20.	Express $34/9$ in the decimal form.	2	Interdisciplinary
21.	Rationalise the denominator : $\frac{6}{3+\sqrt{5}}$	3	Critical thinking
22.	Find the value of each of the following : (a) $\left(\frac{729}{512}\right)^{-2/3}$ (b) $(32^{-2/5})^{1/2}$	3	HOTS
23.	Simplify: $(25/9)^{-3/2} \times (64/125)^{1/3} \times (25/3)^{-1}$	3	HOTS
24.	Factorize ; $a^3 (b - c)^3 + b^3 (c - a)^3 + c^3 (a - b)^3$	3	HOTS



ARMY PUBLIC SCHOOL GWALIOR

CLASS IX

SESSION 2020-21



WORKSHEET-2(SELF- ASSESSMENT TEST)

Subject: Science

Allotment Date: 07/5/2020

M.M:40

Note:-Please submit Worksheet-1 and Worksheet-2(Self-Assessment Test) in hard copy to your subject teacher when the school is reopened.

S. NO.	QUESTIONS	MARKS	NATURE
1	Q1. Define acceleration. Give its S.I unit. Q2. Define boiling point. Q3. What is plasma membrane made up of?	1 1 1	Information
2	Q4. What is the difference in chromatin, chromosomes and gene? Q5. Differentiate between distance and displacement. (any three points) Q6. Cotton is solid but it floats on water. Why?	3 3 3	Understanding
3	Q7. Define scalar quantity and vector quantity. Give two examples of each. Q8. What are the characteristics properties of the particles of matter.	3 3	HOT
4	Q9. Name the organelle which provides turgidity and rigidity to the plant cell. Name any two substances which are present in it. How they are useful. Q10. An object travels 16m in 4s and another 16m in 2s. What is the average speed of the object?	3 3	Interdisciplinary
5	Q11. Why evaporation causes cooling? Q12. A rubber band is a solid, but it can change its shape. why?	3 3	Analytical Skill
6	Q12. (a) When will you say a body is in (i) uniform acceleration? (ii) non-uniform acceleration? (b) Under what condition is the magnitude of average velocity equal to average speed?	5	Critical Thinking and Problem Solving
7	Q13. Draw a neat and well labelled diagram to show how amoeba obtain its food. Also explain the process.	5	Evaluation



ARMY PUBLIC SCHOOL GWALIOR

CLASS- IX

SESSION 2020-21



WORKSHEET-2(SELF-ASSESSMENT TEST)

Subject: Social Science

Allotment Date: 07/5/2020

M.M:40

Note:-Please submit Worksheet-1 and Worksheet-2(Self-Assessment Test) in hard copy to your subject teacher when the school is reopened.

S. NO.	QUESTIONS	MARKS	NATURE
1	Who was the king of France at the time of the French Revolution? (a) Napoleon Bonaparte (b) Louis XVI (c) Louis XV (d) Nicholas I	1	Information
2	What was taille known as? (a) Indirect tax (b) Agricultural produce (c) Direct tax (d) Extreme poverty	1	Information
3	Whose name is associated with ' the reign of terror'?' (a) Robespierre (b) Mirabeau (c) Napoleon Bonaparte (d) Dr. Guillotin	1	Information
4	When was Bastille destroyed ? (a) 14th July 1789 (b) 14th 1798 (c) 2nd July 1789 (d) 5 th August 1879	1	Information
5	The easternmost longitude of India is- (a) 97*25' E (b) 68*7' E (c) 77*6'E (d) 82*32' E	1	Information

6	<p>What is the total geographical area of the Indian landmass?</p> <p>(a) 3.38 million square km (b) 3.58 million square km (c) 3.28 million square km (d) 4.08 million square km</p>	1	Information
7	<p>In which year was the Suez Canal opened?</p> <p>(a) 1769 (b) 1801 (c) 1850 (d) 1869</p>	1	Information
8	<p>General Pervez Musharraf led a military coup in the year -</p> <p>(a) 1996 (b) 1999 (c) 2000 (d) 2002</p>	1	Information
9	<p>Elections are held in Mexico after every-</p> <p>(a) two years (b) four years (c) five years (d) six years</p>	1	Information
10	<p>What is peculiar with ZANU-PF?</p> <p>(a) It has never win any election (b) It has always won elections (c) It is one-man party (d) It is the biggest political party in the world</p>	1	Information
11	Describe the French division of society.	3	Understanding
12	How does democracy improve the quality of decision making?	3	Analytical Skill
13	Why is democracy considered the best form of government?	3	Interdisciplinary
14	Why 82°30'E has been as the standard meridian of India?	3	Evaluation
15	Do you think the long coastline of India is advantageous for us? Explain	5	Interdisciplinary
16	<p>Read the given passage and answer the following questions.</p> <p>An Englishman, Arthur Young, travelled through France during the years from 1787 to 1789 and wrote detailed description of his journeys. He often commented on what he saw.</p> <p>‘He who decides to be served and waited upon by slaves, ill-treated slaves at that must be fully aware that by doing so he is placing his property and his life in a situation which is very different from that he would be in, had he chosen the services of free and well-treated men. And he who chooses to dine to the accompaniment of his victims ‘ groans, should not complain if during a riot his daughter gets kidnapped or</p>	5	Critical Thinking

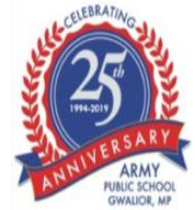
	<p>his son's throat is slit.’</p> <p>(a) What message is Young trying to convey here?</p> <p>(b) Whom does he mean when he speaks of ‘slaves’?</p> <p>(c) What dangers does he sense in the situation of 1787 ?</p>		
17	<p>“Elections in China do not represent people's verdict “. Explain.</p>	5	HOT
18	<p>On an outline map of India locate the following. (any three)</p> <ol style="list-style-type: none"> Tropic of cancer Mirzapur Plakstrait The northernmost latitudes in degrees 	3	Map Skill



ARMY PUBLIC SCHOOL GWALIOR

CLASS- IX

SESSION 2020-21



WORKSHEET-2(SELF- ASSESSMENT TEST)

Subject: Computer Science

Allotment Date: 07/5/2020

M.M:-10

Note:-Please submit Worksheet-1 and Worksheet-2(Self-Assessment Test) in hard copy to your subject teacher when the school is reopened.

S.NO.	QUESTIONS	MARKS	NATURE
1	<p>Choose and write the correct option (MCQ):-</p> <p>1. Machine language consists of :</p> <p>(a) Binary Digits (b) Numbers from 0 to 9. (c) Hexadecimal (d) Octal Number</p> <p>2. A compiler :</p> <p>(a) is a computer program (b) translates a high level language program into machine language. (c) is a part of software (d) None of these</p> <p>3. In OOP, providing the essential information to the outside world and hiding their background details is called:</p> <p>(a) Inheritance (b) Data Abstraction (c) Object (d) Encapsulation.</p> <p>4. Programs made in machine language are :</p> <p>(a) Machine dependent</p>	0.5 X4 = 2	Information

	<p>(b) Machined independent.</p> <p>(c) Graphical User Interface.</p> <p>(d) None of these.</p>		
2	<p>Write short notes on following-</p> <p>(i) Mnemonics</p> <p>(ii) Inheritance</p>	2 x 1= 2	Analytical Skill
3	<p>Fill in the blanks-</p> <p>(i) A machine language consists of ____ and ____.</p> <p>(ii) Programs made in high level language are hardware independent, hence ____.</p> <p>(iii) In OOP, the packaging of data values and function within a single unit class is referred to as ____.</p> <p>(iv) In ____ languages, you can write instructions in English like statements.</p>	0.5 x 4=2	Understanding
4	<p>Answer the following questions -</p> <p>(i) What is the difference between Peer-to-Peer network and Client/Server network?</p> <p>(ii) What is a wireless network? List any two things which are required to set up a wireless computer network.</p>	2x2= 4	HOT



ARMY PUBLIC SCHOOL GWALIOR

CLASS- 9th

SESSION 2020-21



WORKSHEET-2(SELF-ASSESSMENT TEST)

Subject: Work Experience

Allotment Date: 07/5/2020

M.M.-10

Note:-Please submit Worksheet-1 and Worksheet-2(Self-Assessment Test) in hard copy to your subject teacher when the school is reopened.

S. NO.	QUESTIONS	MARKS	NATURE
1	What is sculpture?	2	Analytical Skill
2	How to make clay at home?	2	Analytical Skill
3	A clay modelling figure is modelled on a skeleton called an: a/ Armature b/ header c/ bobbin d/ mold	1	Analytical Skill
4	Make any one clay art using by homemade clay a/ leaf impresstion bowl. b/ pen holder. c/ candle stand	5	Analytical Skill



ARMY PUBLIC SCHOOL GWALIOR



CLASS -IX

SESSION 2020-21

WORKSHEET-2(SELF- ASSESSMENT TEST)

Subject: Dance

Allotment Date: 07/5/2020

M.M:10

Note:-Please submit Worksheet-1 and Worksheet-2(Self-Assessment Test) in hard copy to your subject teacher when the school is reopened.

S. NO.	QUESTIONS	MARKS	NATURE
1	How many Indian classical dance form are there? a) 7 b) 5 c) 8	2	Information
2	Where does bhartnatyam dance form belongs to? a) M. P. b) U. P. c) Tamil nadu	2	Information
3	"Gidda" is a popular folk dance of which state of India a) Punjab b) Maharashtra c) U.P	2	Information
4	How many "Gharanas" is present in kathak dance form? a) 5 b) 8 c) 4	2	Information
5	Where does Indian classical dance form originated from a) School b) temple c) maharaja's court	2	Information



ARMY PUBLIC SCHOOL GWALIOR

CLASS -IX

SESSION 2020-21

WORKSHEET-2(SELF- ASSESSMENT TEST)



Subject: Physical Education

Allotment Date: 07/5/2020

M.M:10

Note:-Please submit Worksheet-1 and Worksheet-2(Self-Assessment Test) in hard copy to your subject teacher when the school is reopened.

S.N	QUESTIONS	MARKS	NATURE
1	Fill in the blanks:- i. When stopping, raise your forearm _____ outside the vehicle. ii. _____ is the validity of learner's license.	2X1/2 =1	Information
2	Fill in the blanks by choosing the correct words from the brackets. When turning right, move to _____ (center and right) of the road you are leaving, and arrive _____ (left and right) side of the road you are entering.	2X1/2=1	Information

3	<p>Multiple Choice Questions :</p> <ol style="list-style-type: none"> For emergency, call _____ for ambulance service. a) 108 b)100 c) 106 d) 105 India has the _____ largest road network in the world. a) First b) Second c) Third d) Fourth 	2X1=2	Interdisciplinary
4	<p>Odd one out:- Which of the following is not the management category of roads in India ?</p> <p>a)National Highways b) State Highways c) Border Roads d) District Highways</p>	1X1=1	Analytical Skill
5	<p>Jumbled word :</p> <p>(i) DEEPTINASR _____</p> <p>(ii) CONBIENG _____</p>	2X1/2=1	Critical Thinking and Problem Solving
6	<p>Answer the following questions :</p> <p>i. What are the documents needed to drive in India?</p> <p>_____</p> <p>_____</p> <p>ii. What are the safety measures to be taken while driving at night?</p> <p>_____</p> <p>_____</p>	2X2=4	Evaluation



ARMY PUBLIC SCHOOL GWALIOR



CLASS -IX

SESSION 2020-21

WORKSHEET-2(SELF- ASSESSMENT TEST)

Subject: Yoga

Allotment Date: 07/5/2020

M.M:10

Note:-Please submit Worksheet-1 and Worksheet-2(Self-Assessment Test) in hard copy to your subject teacher when the school is reopened.

S. NO.	QUESTIONS	MARKS	NATURE
1	Among these four which one comes under the panch pranayama? A} Parna B} Apana C} Udana D} Udana	1	Information
2	What does the pranayama means? A} Control on mind B} Control on prana C} Control on soul D} Control on body	1	Understanding
3	What Is the key pillar for pranayama? A} Breath B} Nostrils C} Nose D} Mouth	1	HOT
4	Which among these comes under the types of nadi? A} Ida B} Pingala C} Sushumuna D} All of the above	1	Interdisciplinary
5	What is the scientific name for the right nostril? A} Surya B} Chandra C} Both A & B D} Neither A Nor B	1	Information
6	What is the scientific name for the left nostril? A} Surya B} Chandra C} Sitare D} All of the above	1	Understanding
7	Where does the Sushuma located in our body system? A} Digestive system B} Respiratory system C} Central Nervous system D} Muscular system	1	HOT

8	With the help of pranayama which body parts gets cleaned up? A} Mind C} Stomach B} Soul D} Nostrils	1	Interdisciplinary
9	What is warm up exercise before doing or performing pranayama? A} anlom vilom C} Kapal bhati B} Sheetahli D} Nadi shuddi	1	Understanding
10	What is the meaning of "ASTHEYA" A} Non- stealing C} Truth B} Non-violence D} Non-Satisfaction	1	Information



ARMY PUBLIC SCHOOL GWALIOR



CLASS -IX

SESSION 2020-21

WORKSHEET-2(SELF- ASSESSMENT TEST)

Subject: Karate (Martial Art)

Allotment Date: 07/5/2020

M.M:10

Note:-Please submit Worksheet-1 and Worksheet-2(Self-Assessment Test) in hard copy to your subject teacher when the school is reopened.

S. NO.	QUESTIONS	MARKS	NATURE
1	Fill in the blanks:- 1. Karate is divided in to..... part. 2. Total number of scoring areas in Kumite is	1	Information
2	Fill in the blanks by choosing the correct words from the brackets. Migari is awarded(yuko,wazari) and referee gives the scores on the basis of (6,8) criteria.	1	Information
3	Multiple Choice Questions : 1. is the measurement of competition area? a) 6×6 meter b) 10×10 meter c) 8×8 meter d) 12×12 meter 2. Slight Mawashi is used for get the score of a) Yuko b) Wazari c) Lppon d) None of these	2	Information
4	Odd one out:- Which of the following is not the scoring criteria of kumite a) Sporting attitude b) Zanshin c) Crrect distance d) Fighting spirit	1	Understanding

5	<p>True or False :</p> <p>1 .Lppon score can be taken by migari.</p> <p>2. Four judges are required in kata competition.</p>	1	
6	<p>Answer the following questions :</p> <p>1. Lppon score is awarded on which techniques?</p>	4	Evaluation
	<p>2. Write any four criteria of kumite?</p>		