



# ARMY PUBLIC SCHOOL GWALIOR



## CLASS -X

### ACADEMIC SESSION 2021-22

### WORKSHEET (SELF –ASSESSMENT)

Subject: English

Assignment No. : 7

Allotment Date: 15 October 2021

S.NO	QUESTIONS	MARKS
1.	<p><b>Letter of Complaint</b></p> <p>i) This type of a letter is written to register a complaint regarding a product or a service to the business houses. Name the type of letter.</p> <ul style="list-style-type: none"><li>a) letter to the editor</li><li>b) letter of placing order</li><li>c) letter of complaint</li><li>d) Informal letter</li></ul> <p>ii) You bought a washing machine one month ago from XYZ. It has developed certain problems regarding its functioning. Choose the most appropriate subject for the same.</p> <ul style="list-style-type: none"><li>a) Complaint regarding washing machine vide invoice no.xxx</li><li>b) Complaint regarding bad quality product</li><li>c) machine not working</li><li>d) poor machine bought from your showroom</li></ul> <p>iii) While writing a complaint letter, the most appropriate way to start the body of the letter is</p> <ul style="list-style-type: none"><li>a) for your kind information</li><li>b) with reference to your bill no.xxx</li><li>c) I want to replace my product</li><li>d) Pay attention</li></ul> <p>iv) As a proof of the details of the product bought by you, it is required to send the letter along with a copy of:</p> <ul style="list-style-type: none"><li>a) bill</li><li>b) credit card</li><li>c) leaflet</li><li>d) manual</li></ul> <p>v) How would you start the letter complaining about the poor sanitary conditions and mosquito menace in your locality?</p> <ul style="list-style-type: none"><li>a) please pay attention towards the poor sanitary conditions prevailing in our area</li><li>b) I want to draw your kind attention towards the poor sanitary conditions prevailing in our area</li><li>c) I want to draw your eyes to the bad condition of the area</li><li>d) I want to complaint about the poor sanitary conditions</li></ul>	5
2.	<p><b>Letter to the Editor</b></p> <p>i) The letter to the editor is written to the editor of a national daily or the magazine in order to</p>	5

	<p>a) raise the social issue or to curb an ongoing problem in the neighbourhood</p> <p>b) raise the personal issue or to curb on ongoing problem in the family</p> <p>c) raise a query for a product</p> <p>d) raise a complaint for a product</p> <p>ii) In a letter to the editor, the problem raised by the person is governed by _____ .</p> <p>a) the editor of the newspaper</p> <p>b) the publishers</p> <p>c) the concerned authorities</p> <p>d) the sender of the letter</p> <p>iii) “ Respected Sir/ma’am” is known as the _____ of the letter.</p> <p>a) body</p> <p>b) signature</p> <p>c) head</p> <p>d) salutation</p> <p>iv) Pick the CORRECT format of the ‘receiver’s address’ in the letter to editor.</p> <p>a) The Sun The Editor Abc Colony, City</p> <p>b) The Editor The Sun Abc Colony, City</p> <p>c) Abc Colony , City The Sun The Editor</p> <p>d) The Editor Abc Colony, City</p> <p>v) What is the correct format of date in the letter to editor?</p> <p>a) 28<sup>th</sup> 20XX, July</p> <p>b) July, 28<sup>th</sup> 20XX</p> <p>c) 28<sup>th</sup> July, 20XX</p> <p>d) 20XX, 28<sup>th</sup> July</p>	
<p><b>3.</b></p>	<p><b>Choose the right option:</b></p> <p>1. Chris _____ to attend the programme.</p> <p>A. did not wanted</p>	<p><b>5</b></p>

- B. did not want
- C. do not wanted
- D. does not wanted

2. Meera \_\_\_\_\_ for the charitable cause.

- A. came to contribute
- B. come to contributed
- C. came to contributed
- D. comes to contributed

3. Identify the tense used in the sentence. "When shall we submit our application?"

- A. Future perfect tense
- B. Present indefinite tense
- C. Past perfect tense
- D. Future indefinite tense

4. "Shyam and his brothers" \_\_\_\_\_ a famous sweet shop in our neighbourhood.

- E. are
- F. have been
- G. is
- H. have

5. Choose the past perfect continuous tense form of the sentence. "George travels around the world."

- I. George has been travelling around the world.
- J. George had been travelling around the world.
- K. George shall have been travelling around the world.
- L. George was travelling around the world.

**4. Fill in the blanks by choosing the correct option of the five sentences given below. 5**

(i) Mohan said, "We..... go to see the Taj on the moonlit night."

- (a) shall
- (b) may
- (c) must
- (d) can

(ii) He.....his servant, why he was so lazy that day?

- (a) replied to
- (b) asked
- (c) interrogated
- (d) enquired

(iii) The judge said to the accused, "..... your tongue."

- (a) held
- (b) keep
- (c) hold
- (d) stop

(iv) She said, "My parents.....Karachi."

- (a) will going to
- (b) gone to
- (c) were going to
- (d) are going to

(v) Childhood is the time when there are..... responsibilities to make life difficult.

- (a) many
- (b) little
- (c) few
- (d) more

5.	<p style="text-align: center;"><b>LITERATURE</b></p> <p><b>EXTRACT 1</b></p> <p>“We, who were outlaws not so long ago, have today been given the rare privilege to be host to the nationsif the world on our own soil. We thank all of our distinguished international guests for having come to take possession with the people of our country of what is, after all, a common victory for justice, for peace, for human dignity.”</p> <p>1. The guests at the spectacular ceremony are being called distinguished because they</p> <p>a) they have been invited as guests to attend it.</p> <p>b) they are eminent world leaders witnessing it.</p> <p>c) they are visiting the country for this purpose.</p> <p>d) they have resumed diplomatic relations with the country</p> <p>2. It is a victory for ‘human dignity’. Pick the option that lists the correct answer for what ‘humandignity’ would include.</p> <p>a) i) equality ii) liberty iii) indecency</p> <p>b) i) liberty ii) indecency iii) self-respect</p> <p>c) i) immorality ii) self-respect iii) equality</p> <p>d) i) equality ii) liberty iii) self-respect</p> <p>3. Why does the speaker say that it is a ‘rare privilege’? He says this as they have</p> <p>a) been deprived of this honour.</p> <p>b) seldom been given this honour.</p> <p>c) experienced it for the first time.</p> <p>d) been chosen over other countries, for this honour</p> <p>4. How do you think Nelson Mandela feels in the lesson? Choose the option that best fits his state ofmind.</p> <p>a) i) emotional ii) elated iii) unmindful</p> <p>b) i) elated ii) unmindful iii) overwhelmed</p>	5+5+10
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c) i) overwhelmed ii) elated iii) honoured

d) i) elated ii) honoured iii) unmindful

5. Pick the option that showcases the usage of 'host' as in the extract.

a) He was praised for his hospitality as the host of the party.

b) She was able to host the event without any hindrance

c) She met the host and apologised for her friend's misbehaviour.

d) He is the best host that one can ever come across.

### Extract-2

Read the extract given below and answer the questions that follow:

Some say the world will end in fire.

Some say in ice.

From what I've tasted of desire

I hold with those who favour fire.

i) Which emotion does the fire represent?

a) Anger b) indifference c) bravery d) happiness

ii) Which emotion does ice represent?

a) Fear b) rage c) indifference d) jolly

iii) Which word does NOT relate to 'desire'?

a) Wish b) unwanted c) fancy d) demand

iv) The phrase 'I hold with those' means:

a) To grab them b) to disagree to them

c) To obstruct them d) to support them

v) What is the rhyme scheme of the stanza?

a) abaa b) abab c) abbb d) abba

### Stand Alone Questions [10]

1. What were Lencho's feelings when the rain began to fall?

a) hopeful and Happy

b) disheartened

c) excitement to feel the rain on his body

d) sad

2. What is the irony in this lesson?

(a) Lencho was sad after the hailstorm even though he was the one waiting for a shower

(b) Postmaster laughed at Lencho but still helped arrange money for him

(c) Lencho blamed the post office employees who in fact helped him

(d) there is no irony

3. Which day was the largest gathering of international leaders on South African soil for the installation of South Africa's first democratic, non-racial government?

(a) 9th May

(b) 10th May

(c) 11th May

(d) 12th May

4. Which of the pilot's instruments stopped working first?

(a) compass

(b) radio

(c) both stopped together

(d) both were working

5- Which topic was she to write an essay on as a part of her punishment?

a) Chatterbox

b) An incorrigible chatterbox

c) Quack, Quack, Quack, said Mistress Chatterbox

d) all of the above

6- What language was the diary originally written in ?

a) Spanish

b) English

c) Dutch

d) French

7. What did the drawing and colouring contest mean for the girls and boys?

(a) designing dresses and motorboats

(b) designing interiors and bikes

(c) designing dresses and bikes

(d) designing interiors and motorboats

8. The narrator describes Tricki as a “pathetic little animal”. The use of the word ‘pathetic’ indicates that the narrator

a) was very fond of Tricki.

b) thought Tricki was contemptible.

c) pitied Tricki’s condition.

d) believed Tricki’s health was deteriorating

9. What can you infer from the lines given below?

“But I knew that Anil’s face, when he discovered the theft, would show only a touch of sadness. Not for loss of money, but for the loss of trust.”

1. The thief knew a person’s feeling by looking at his face.

2. The Thief knew that Anil would care about him and the money.

3. The Thief knew if Anil had caught him, he would have called the police and got him imprisoned.

4. The thief knew that his action would sadden Anil.

a) Only option 2 can be inferred.

b) Options 2 and 3 can be inferred.

c) Only option 4 can be inferred.

d) Options 1 and 4 can be inferred.

10. Given below are two statements marked as Assertion (A) and Reason (R). Read both the statements carefully and choose the correct alternative from the following.

Assertion (A) Mr. Jaffers the village constable could be able to arrest Griffin.

Reason (R) Mr. Jaffers was very loyal to his duty and he never failed to perform

it well because Jaffers believed if a magistrate's warrant ordered a person's arrest, then that person had to be arrested with or without his head.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true.



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**Assignment No. : 7**

**Allotment Date: 15 October 2021**

S.NO	QUESTIONS	MARKS
1	बड़े भाई वर्तमान शिक्षा प्रणाली के विरुद्ध क्यों हैं ? (a) खेल कूद पर जोर देती है (b) किताबी कीड़ा बनाती है और वास्तविकता से दूर है (c) बहुत लाभदायक नहीं है (d) सभी	1
2	बड़े भाई में क्या गुण थे ? (a) गंभीर प्रवृत्ति के थे (b) छोटे भाई के हितैषी थे (c) वाक् कला में निपुण थे (d) सभी	1
3	बड़े भाई छोटे भाई से हर समय सब से पहले क्या सवाल पूछते थे ? (a) अब तुम कहाँ थे (b) क्या कर रहे थे (c) कहाँ जा रहे हो (d) पढ़ाई कर ली	1
4	बड़े भाई साहब के अनुसार कैसी बुद्धि व्यर्थ है ? (a) जो आत्म गौरव को मार डाले (b) पढ़ाई न करने दे (c) जो खेल कूद में लगी रहे (d) सभी	1
5	लेखक को भाई साहब की बातें अच्छी क्यों नहीं लगती थी ? (a) क्योंकि लेखक अक्वल दर्जे में पास हुआ था (b) भाई साहब फेल हो गए थे (c) भाई साहब उपदेश देते थे (d) सभी	1
6	ततार्रा वामीरो कथा किस पर आधारित है ?	1



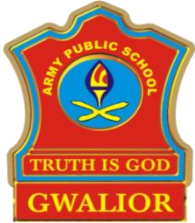
	<p>A) अंडमान निकोबार द्वीप समूह की लोक कथा पर</p> <p>B) मुहावरों पर</p> <p>C) लोक गीतों पर</p> <p>D) किसी पर नहीं</p>	
7	<p>ततार्रा किस तरह का युवक था ?</p> <p>A) सुंदर , नेक</p> <p>B) मददगार</p> <p>C) शक्तिशाली</p> <p>D) सभी</p>	1
8	<p>आस पास के लोग ततार्रा को क्यों आमंत्रित करते थे?</p> <p>A) उसके आत्मीय स्वभाव के कारण</p> <p>B) उसके सुंदर होने के कारण</p> <p>C) उसके लोकल होने के कारण</p> <p>D) शक्तिशाली होने के कारण</p>	1
9	<p>ततार्रा कमर पे क्या बांधता था ?</p> <p>A) तलवार</p> <p>B) लकड़ी की तलवार</p> <p>C) लोहे की तलवार</p> <p>D) ताम्बे की तलवार</p>	1
10	<p>वामीरो की त्यागमयी मृत्यु से क्या परिवर्तन हुआ ?</p> <p>A) निकोबार के लोग प्रेम से रहने लगे</p> <p>B) निकोबार के लोग दूसरो को अपनाने लगे</p> <p>C) निकोबार के लोग दूसरे गांव में भी वैवाहिक सम्बन्ध बनाने लगे</p> <p>D) कोई नहीं</p>	1
11	<p>प्रकृति मनुष्य को कब दण्डित करती है ?</p> <p>(a) जब वह प्रकृति से अधिक छेड़ छाड़ करता है</p> <p>(b) जब वह समुद्र को छेड़ता है</p> <p>(c) जब वह इमारत बनाता है</p> <p>(d) कोई नहीं</p>	1
12	<p>पशु पक्षी कहाँ मंडराते रहते हैं ?</p> <p>(a) बस्तिओ के आस पास</p> <p>(b) पहाड़ो पर</p> <p>(c) जंगलो में</p> <p>(d) कहीं नहीं</p>	1
13	<p>प्रकृति में आये असंतुलन के क्या परिणाम हैं ?</p> <p>(a) गर्मी में अधिक गर्मी</p> <p>(b) असमय वर्षा होना</p> <p>(c) दोनों</p> <p>(d) कोई नहीं</p>	1

14	<p>कबूतर इधर उधर क्यों फड़फड़ा रहे थे ?</p> <p>(a) दोनों अंडे टूट जाने के कारण</p> <p>(b) ठण्ड के कारण</p> <p>(c) घोंसला न मिलने के कारण</p> <p>(d) कोई नहीं</p>	1
15	<p>समुद्र धीरे धीरे क्यों सिकुड़ रहे हैं ?</p> <p>(a) क्योंकि उसकी जमीन पर इमारतें और मकान खड़े हो गए</p> <p>(b) क्योंकि बारिश कम हुई</p> <p>(c) क्योंकि पानी कम हो गया</p> <p>(d) ग्लोबल वार्मिंग के कारण</p>	1
16	<p>अपने स्वभाव को निर्मल रखने के लिए कबीर ने क्या सुझाव दिया है ?</p> <p>A) निंदक को नमस्ते करने को कहा है</p> <p>B) निंदक से दूर रहने को कहा है</p> <p>C) निंदक पास रखने को कहा है</p> <p>D) निंदा पास रखने को कहा है</p>	1
17	<p>कबीर के अनुसार सुखी कौन है ?</p> <p>A) सांसारिक लोग जो सोते और खाते हैं</p> <p>B) आध्यात्मिक लोग</p> <p>C) लालची लोग</p> <p>D) सांसारिक लोग जो खाते हैं</p>	1
18	<p>कबीर के अनुसार दुखी कौन है ?</p> <p>A) आध्यात्मिक लोग</p> <p>B) लालची लोग</p> <p>C) जो ज्ञानी है</p> <p>D) जो अज्ञानी है</p>	1
19	<p>ईश्वर कण कण में व्याप्त है , पर हम उसे देख क्यों नहीं पाते ?</p> <p>A) मन में छुपे अहंकार के कारण</p> <p>B) आँखें बंद होने के कारण</p> <p>C) आँखों पर चश्मा होने के कारण</p> <p>D) मन के कारण</p>	1
20	<p>कबीर की साखियों में किन भाषाओं का स्पष्ट प्रभाव दिखाई देता है ?</p> <p>A) अवधी</p> <p>B) राजस्थानी</p> <p>C) भोजपुरी और पंजाबी</p> <p>D) सभी</p>	1
21	<p>पहले पद में मीरा ने अपनी पीड़ा हरने की विनती हरी से कैसे की है ?</p> <p>A) जैसे सभी भक्तों – द्रौपदी , प्रह्लाद का साथ दिया</p> <p>B) जैसे राधा का साथ दिया</p> <p>C) जैसे सुदामा का साथ दिया</p>	1

	D) कोई नहीं	
22	मीरा वृन्दावन में क्यों जा बसी थी ? A) कृष्ण के लिए B) रास लीला देखने के लिए C) पारिवारिक संतापों से मुक्ति पाने के लिए D) कोई नहीं	1
23	मीरा की रचनाओं में उनके आराध्य किस रूप में संकल्पित किये गए हैं ? A) निर्गुण निराकार ब्रह्म B) सगुण साकार गोपी वल्लभ श्री कृष्ण C) निर्मोही परदेशी जोगी D) सगुण साकार गोपी	1
24	मीरा के पद किसको सम्बोधित किये गए हैं ? A) मेवाड़ के महाराणा सांगा B) अपने आराध्य को C) अपने पति को D) अपने पिता को	1
25	दूसरे पद में मीराबाई श्याम की चाकरी क्यों करना चाहती है ? A) श्री कृष्ण के नजदीक रहने के लिए B) कृष्ण के लिए C) कृष्ण का हारसिंगार करने के लिए D) दोहे लिखने के लिए	1
26	आप घर जाएँगे या पार्क जाएँगे।' वाक्य संबंधित है- (A) संयुक्त वाक्य से (B) सरल वाक्य से (C) मिश्र वाक्य से (D) प्रश्न वाक्य से	1
27	'राम आया; सब प्रसन्न हो गए।' वाक्य का संयुक्त वाक्य रूपांतरण है- (A) राम आया और सब प्रसन्न हो गए। (B) जैसे ही राम आया सभी प्रसन्न हो गए। (C) राम के आते ही सभी प्रसन्न हो गए। (D) उपरोक्त कोई नहीं	1
28	'राधा दौड़कर मेरे पास आई।' वाक्य का संयुक्त रूप है- (A) राधा दौड़ी और मेरे पास आई। (B) राधा तेजी से दौड़कर मेरे पास आयेगी। (C) राधा जल्दी-जल्दी दौड़ी एवं मेरे पास आई। (D) राधा जैसे ही दौड़ी मेरे पास आ आई।	1
29	'ममता आई और चली गई। वाक्य का सरल रूप निम्न विकल्पों से चुनें-	1

	(A) जैसे ही ममता आई वह चली गई। (B) ममता आई और गई। (C) ममता आकर चली गई। (D) ममता आई और खड़े-खड़े चली गई।	
30	'सांझ हुई और पक्षी घोंसले में आ गए।' वाक्य का मिश्र वाक्य रूपांतरण है- (A) जैसे ही सांझ हुई पक्षी घोंसले में आ गए। (B) शाम होते ही पक्षी घोंसले में आ गए। (C) सांझ को पक्षी घोंसले में आ गए। (D) उपरोक्त कोई नहीं	1
31	अरुणिमा धीरे-धीरे चलते हुए वहाँ जा पहुँची। A) संज्ञा पदबंध B) सर्वनाम पदबंध C) क्रिया विशेषण पदबंध D) क्रिया पदबंध	1
32	जब से रामू की नौकरी छूटी है, उसकी दशा ..... जैसी है। रिक्त स्थान की पूर्ति सटीक म्हावरे से कीजिए :- A) बहुत बुरी स्थिति B) किसी को समझने लायक न रहना C) न इधर का न उधर का D) धोबी का कुत्ता घर का न घाट का	1
33	रामू काका ने ..... नहीं किए हैं, उन्हें बहुत अनुभव है। उपयुक्त म्हावरे से रिक्त स्थान की पूर्ति कीजिए :- A) मेहंदी लगा कर बाल सफेद करना B) धूप में बाल सफेद करना C) छाँव में बाल सफेद करना D) सूरज की गर्मी में बाल सफेद करना	1
34	आजकल ऐसी-ऐसी इमारते बनने लगी है, जो ..... है। रिक्त स्थान की पूर्ति सटीक म्हावरे से कीजिए :- A) बाजी लगा देना B) आसमान से बातें करना C) ताकत लगा देना D) आहुति लगा देना	1
35	आज कर्ण की ..... गए तभी तो उसने दस लाख का मकान दो लाख में बेच दिया। उपयुक्त म्हावरे से रिक्त स्थान की पूर्ति कीजिए :- A) अकल पर धूल पड़ना B) अकल काम न करना C) बुद्धि पर पत्थर पड़ना D) आग बबूला हो जाना	1
36	वह बाजार की ओर आया होगा। A) विशेषण पदबंध B) क्रिया पदबंध C) संज्ञा पदबंध	1

	D) सर्वनाम पदबंध	
37	<p>विरोध करने वाले व्यक्तियों में से कोई नहीं आया।</p> <p>A) क्रियाविशेषण पदबंध B) संज्ञा पदबंध C) सर्वनाम पदबंध D) विशेषण पदबंध</p>	1
38	<p>आसमान में उड़ता गुब्बारा फट गया।</p> <p>A) विशेषण पदबंध B) क्रिया पदबंध C) संज्ञा पदबंध D) सर्वनाम पदबंध</p>	1
39	<p>राकेश नदी में डूब गया।</p> <p>A) संज्ञा पदबंध B) सर्वनाम पदबंध C) क्रिया पदबंध D) क्रिया विशेषण पदबंध</p>	1
40	<p>इतनी लगन से काम करने वाला मैं असफल नहीं हो सकता   रेखांकित का पदबंध है:</p> <p>A) क्रिया पदबंध B) संज्ञा पदबंध C) क्रियाविशेषण पदबंध D) सर्वनाम पदबंध</p>	1



# ARMY PUBLIC SCHOOL GWALIOR

## CLASS -X

### ACADEMIC SESSION 2021-22

### WORKSHEET (SELF –ASSESSMENT)

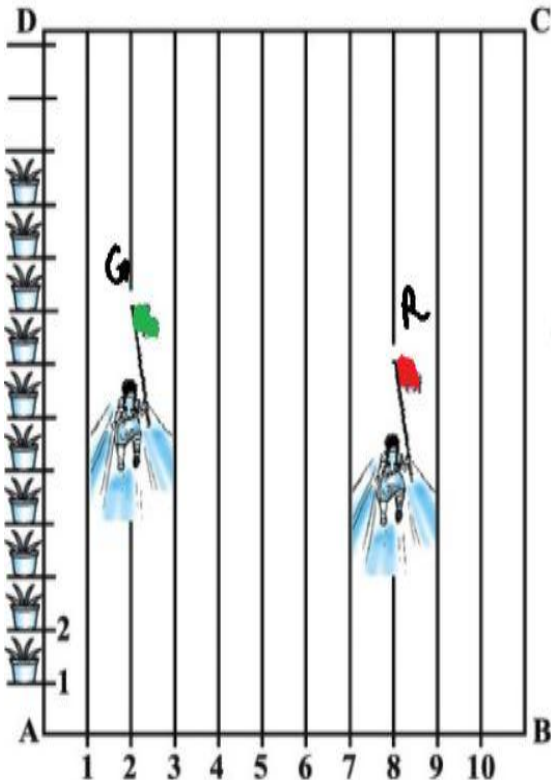
Subject: Mathematics

Assignment No. : 7

Allotment Date: 15 October 2021

S. NO.	QUESTIONS	MARKS
1	The ratio of LCM and HCF of the least composite and the least prime numbers is (a) 1:2 (b) 2:1 (c) 1:1 (d) 1:3	1
2	The value of k for which the lines $5x+7y=3$ and $15x + 21y = k$ coincide is (a) 9 (b) 5 (c) 7 (d) 18	1
3	A girl walks 200m towards East and then 150m towards North. The distance of the girl from the starting point is (a) 350m (b) 250m (c) 300m (d) 225	1
4	The lengths of the diagonals of a rhombus are 24cm and 32cm, then the length of the altitude of the rhombus is (a) 12cm (b) 12.8cm (c) 19 cm (d) 19.2cm	1
5	Two fair coins are tossed. What is the probability of getting at the most one head? (a) $\frac{3}{4}$ (b) $\frac{1}{4}$ (c) $\frac{1}{2}$ (d) $\frac{3}{8}$	1
6	$\triangle ABC \sim \triangle PQR$ . If AM and PN are altitudes of $\triangle ABC$ and $\triangle PQR$ respectively and $AB^2 : PQ^2 = 4 : 9$ , then AM:PN = (a) 16:81 (b) 4:9 (c) 3:2 (d) 2:3	1
7	If $2\sin 2\beta - \cos 2\beta = 2$ , then $\beta$ is (a) $0^\circ$ (b) $90^\circ$ (c) $45^\circ$ (d) $30^\circ$	1
8.	Prime factors of the denominator of a rational number with the decimal expansion 44.123 are (a) 2,3 (b) 2,3,5 (c) 2,5 (d) 3,5	1
9	The lines $x = a$ and $y = b$ , are (a) intersecting (b) parallel (c) overlapping (d) (None of these)	1
10	The distance of point A(-5, 6) from the origin is (a) 11 units (b) 61 units (c) $\sqrt{11}$ units (d) $\sqrt{61}$ units	1
11	If $a^2 = \frac{23}{25}$ , then a is (a) rational (b) irrational (c) whole number (d) integer	1
12.	If $LCM(x, 18) = 36$ and $HCF(x, 18) = 2$ , then x is (a) 2 (b) 3 (c) 4 (d) 5	1
13	In $\triangle ABC$ right angled at B, if $\tan A = \sqrt{3}$ , then $\cos A \cos C - \sin A \sin C =$ (a) -1 (b) 0 (c) 1 (d) $\frac{\sqrt{3}}{2}$	1

14	If the angles of $\triangle ABC$ are in ratio 1:1:2, respectively (the largest angle being angle C), then the value of $\sec A \operatorname{cosec} B - \tan A \cot B$ is (a) 0 (b) $\frac{1}{2}$ (c) 1 (d) $\frac{\sqrt{3}}{2}$	1
15.	The number of revolutions made by a circular wheel of radius 0.7m in rolling a distance of 176m is (a) 22 (b) 24 (c) 75 (d) 40	1
16.	$\triangle ABC$ is such that $AB=3$ cm, $BC=2$ cm, $CA=2.5$ cm. If $\triangle ABC \sim \triangle DEF$ and $EF = 4$ cm, then perimeter of $\triangle DEF$ is (a) 7.5 cm (b) 15 cm (c) 22.5 cm (d) 30 cm	1
17.	In triangle ABC if $DE \parallel BC$ , $AD = 3$ cm, $BD = 4$ cm and $BC= 14$ cm, then $DE$ equals (a) 7cm (b) 6cm (c) 4cm (d) 3cm	1
18.	If $4 \tan \beta = 3$ , then $\frac{4 \sin \beta - 3 \cos \beta}{4 \sin \beta + 3 \cos \beta} =$ (a) 0 (b) $\frac{1}{3}$ (c) $\frac{2}{3}$ (d) $\frac{3}{4}$	1
19.	One equation of a pair of dependent linear equations is $-5x + 7y = 2$ . The second equation can be a) $10x+14y +4 = 0$ b) $-10x -14y+ 4 = 0$ c) $-10x+14y + 4 = 0$ (d) $10x - 14y = -4$	1
20.	A letter of English alphabets is chosen at random. What is the probability that it is a letter of the word 'MATHEMATICS'? (a) $\frac{4}{13}$ (b) $\frac{9}{26}$ (c) $\frac{5}{13}$ (d) $\frac{11}{26}$	1
21	If sum of two numbers is 1215 and their HCF is 81, then the possible number of pairs of such numbers are  (a) 2 (b) 3 (c) 4 (d) 5	1
22	If $217x + 131y = 913$ , $131x + 217y = 827$ , then $x + y$ is  (a) 5 (b) 6 (c) 7 (d) 8	1
23	The LCM of two prime numbers $p$ and $q$ ( $p > q$ ) is 221. Find the value of $3p - q$  (a) 4 (b) 28 (c) 38 (d) 48	1
24	A card is drawn from a well shuffled deck of cards. What is the probability that the card drawn is neither a king nor a queen?  (a) $\frac{11}{13}$ (b) $\frac{12}{13}$ (c) $\frac{11}{26}$ (d) $\frac{11}{52}$	1
25	If $1 + \sin 2\alpha = 3 \sin \alpha \cos \alpha$ , then values of $\cot \alpha$ are  (a) -1, 1 (b) 0,1 (c) 1, 2 (d) -1,-1	1
26	The vertices of a parallelogram in order are $A(1,2)$ , $B(4, y)$ , $C(x, 6)$ and $D(3,5)$ . Then $(x, y)$ is  (a) (6, 3) (b) (3, 6) (c) (5, 6) (d) (1, 4)	1
27	The equation of the perpendicular bisector of line segment joining points $A(4,5)$ and $B(-2,3)$ is  (a) $2x - y + 7 = 0$ (b) $3x + 2y - 7 = 0$ (c) $3x - y - 7 = 0$ (d) $3x + y - 7 = 0$	1
28	The smallest number by which $\frac{1}{13}$ should be multiplied so that its decimal expansion terminates after two decimal places is	1

	(a) 13/100 (b) 13/10 (c) 10/13 (d) 100/13	
29	Point P divides the line segment joining R(-1, 3) and S(9,8) in ratio k:1. If P lies on the line $x - y + 2 = 0$ , then value of k is  (a) 2/3 (b) 1/2 (c) 1/3 (d) 1/4	1
30	If 2 and $\frac{1}{2}$ are the zeros of $px^2 + 5x + r$ , then  (a) $p = r = 2$ (b) $p = r = -2$ (c) $p = 2, r = -2$ (d) $p = -2, r = 2$	1
31	<p>In order to conduct Sports Day activities in your School, lines have been drawn with chalk powder at a distance of 1 m each, in a rectangular shaped ground ABCD, 100 flower pots have been placed at a distance of 1 m from each other along AD, as shown in given figure below. Niharika runs <math>\frac{1}{4}</math> th the distance AD on the 2nd line and posts a green flag. Preet runs <math>\frac{1}{5}</math>th distance AD on the eighth line and posts a red flag.</p>  <p>1. Find the position of green flag a) (2,25) b) (2,0.25) c) (25,2) d) (0, -25)</p> <p>2. Find the position of red flag a) (8,0) b) (20,8) c) (8,20) d) (8,0.2)</p> <p>3. What is the distance between both the flags? a) <math>\sqrt{41}</math> b) <math>\sqrt{11}</math> c) <math>\sqrt{61}</math> d) <math>\sqrt{51}</math></p> <p>4. If Rashmi has to post a blue flag exactly halfway between the line segment joining the two flags, where should she post her flag?</p>	5



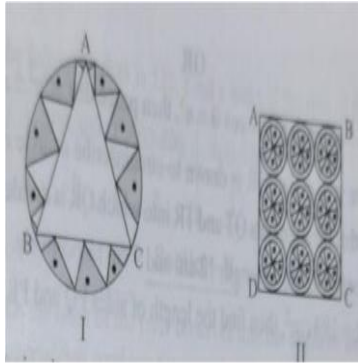
a) (5, 22.5) b) (10,22) c) (2,8.5) d) (2.5,20)

5. If Joy has to post a flag at one-fourth distance from green flag , in the line segment joining the green and red flags, then where should he post his flag?

a) (3.5,24) b) (0.5,12.5) c) (2.25,8.5) d) (25,20)

32

Pookalam is the flower bed or flower pattern designed during Onam in Kerala. It is similar as Rangoli in North India and Kolam in Tamil Nadu. During the festival of Onam, your school is planning to conduct a Pookalam competition. Your friend who is a partner in competition,



suggests two designs given below.

Observe these carefully.

**Design I:** This design is made with a circle of radius 32cm leaving equilateral triangle ABC in the middle as shown in the given figure.

**Design II:** This Pookalam is made with 9 circular design each of radius 7cm.

**Refer Design I:**

**1. The side of equilateral triangle is**

a)  $12\sqrt{3}$  cm b)  $32\sqrt{3}$  cm c) 48cm d) 64cm

**2. The altitude of the equilateral triangle is**

a) 8 cm b) 12 cm c) 48cm d) 52cm

**3. The area of square is**

a)  $1264 \text{ cm}^2$  b)  $1764 \text{ cm}^2$  c)  $1830 \text{ cm}^2$  d)  $1944 \text{ cm}^2$

**4. Area of each circular design is**

a)  $124 \text{ cm}^2$  b)  $132 \text{ cm}^2$  c)  $144 \text{ cm}^2$  d)  $154 \text{ cm}^2$

**5. Area of the remaining portion of the square ABCD is**

a)  $378 \text{ cm}^2$  b)  $260 \text{ cm}^2$  c)  $340 \text{ cm}^2$  d)  $278 \text{ cm}^2$

5



# ARMY PUBLIC SCHOOL GWALIOR

## CLASS -X

### ACADEMIC SESSION 2021-22

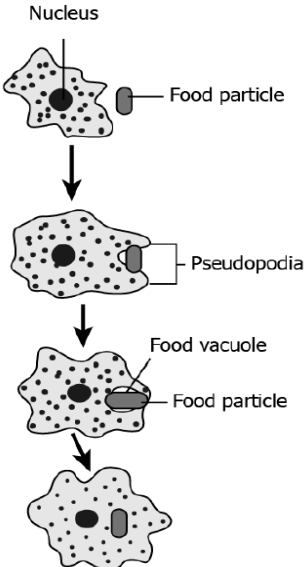
### WORKSHEET (SELF –ASSESSMENT)

Subject: Science

Assignment No. : 7

Allotment Date: 15 October 2021

S.NO	QUESTIONS	MARKS
1.	Name the process of artificial removal of nitrogenous wastes from the blood. a. Perspiration b. Dialysis c. Glycolysis d. Filtration	1
2.	How carbon dioxide is transported in the body? a. With the help of RBC b. With the help of hemoglobin c. Dissolved in plasma d. With the help of platelets	1
3.	What is systolic pressure? a. Pressure of blood in the arteries during ventricular contraction. b. Pressure of blood in the veins during ventricular contraction. c. Pressure of blood in the arteries during ventricular relaxation. d. Pressure of blood in the veins during ventricular relaxation.	1
4.	Name the tissue that translocates prepared food. a. Meristematic tissue b. Permanent tissue c. Xylem d. Phloem	1
5.	Products of anaerobic respiration in muscles are: a. Lactic acid and energy b. Lactic acid ,carbon dioxide and energy c. Lactic acid, water, carbon dioxide and energy d. Lactic acid ,water and energy	1
6.	Write the correct sequence of air passage involved in inhalation. a. larynx→ Nostrils → Pharynx → lungs b. nostrils→ Pharynx→ larynx→ Trachea → alveoli c. nasal passage → larynx → Trachea → Pharynx→ Alveoli d. None	1
7.	The image shows how Amoeba obtains nutrition.	1

	 <p>How is this process advantageous for Amoeba?</p> <ol style="list-style-type: none"> <li>capturing of food takes less time</li> <li>complex food can be digested easily</li> <li>more amount of food can be consumed</li> <li>fast distribution of nutrition within the body.</li> </ol>	
8.	<p>In the following questions, a statement of assertion(A) is followed by a statement of reason(R). Mark the correct choice as:</p> <ol style="list-style-type: none"> <li>If both assertion and reason are true and reason is the correct explanation of assertion.</li> <li>If both assertion and reason are true but reason is not the correct explanation of assertion.</li> <li>If assertion is true but reason is false.</li> <li>If both assertion and reason are false.</li> </ol> <p>ASSERTION: Leaves contain green colored cell organelles called chloroplast. REASON: All living organisms obtain food by the same process.</p>	1
9.	<p>ASSERTION: The elimination of undigested food formed in the colon of the large intestine through anus is called digestion. REASON: Egestion is same as digestion.</p>	1
10.	<p>ASSERTION: Lungs always contain a residual volume of air. REASON: It provides sufficient time for oxygen to be absorbed and for carbon dioxide to be released.</p>	1
	<p><b>Case Study</b> The force that blood exerts against the wall of a vessel is called blood pressure. This pressure is much greater in arteries than in veins. The pressure of blood inside the artery during ventricular systole is called systolic pressure and pressure in artery during ventricular diastole is called diastolic pressure. The normal systolic pressure is about 120 mm of Hg and diastolic pressure is 80 mm of Hg. Answer the following questions:</p>	
11.	<p>The instrument used to measure blood pressure is</p> <ol style="list-style-type: none"> <li>Thermometer</li> <li>Pulse oximeter</li> <li>Sphygmomanometer</li> <li>None of the above</li> </ol>	1
12.	<p>Blood pressure is the pressure exerted by blood against</p> <ol style="list-style-type: none"> <li>Kidneys</li> <li>Artery walls</li> <li>Brain</li> <li>Stomach</li> </ol>	1
13.	<p>_____ is an enzyme that converts Angiotensinogen to Angiotensin 1</p> <ol style="list-style-type: none"> <li>Renin</li> <li>ACE</li> <li>ANP</li> <li>ADH</li> </ol>	1

14.	The normal diastolic blood pressure in normal healthy adult human is a. 80 mm Hg b. 60 mm Hg c. 90 mm Hg d. 120 mm Hg	1
15.	Aluminium is used for making cooking utensils. Which of the following properties of aluminium are responsible for the same? (i) Good thermal conductivity (ii) Good electrical conductivity (iii) Ductility (iv) High melting point a. (i) and (ii) b. (i) and (iii) c. (ii) and (iii) d. (i) and (iv)	1
16.	Which of the following is the correct arrangement of the given metals in ascending order of their reactivity? Zinc, Iron, Magnesium, Sodium a. Zinc > Iron > Magnesium > Sodium b. Sodium > Magnesium > Iron > Zinc c. Sodium > Zinc > Magnesium > Iron d. Sodium > Magnesium > Zinc > Iron	1
17.	Non-metals form covalent chlorides because a. they can give electrons to chlorine b. they can share electrons with chlorine c. they can give electrons to chlorine atoms to form chloride ions d. they cannot share electrons with chlorine atoms	1
18.	Which of the following are not ionic compounds? (i) KCl (ii) HCl (iii) CCl <sub>4</sub> (iv) NaCl a. (i) and (ii) b. (ii) and (iii) c. (iii) and (iv) d. (i) and (iii)	1
19.	The electronic configuration of three elements X, Y and Z are as follows: X = 2, 4, Y = 2, 7 & Z = 2, 1 Which two elements will combine to form an ionic compound and write the correct formula, a. X <sub>2</sub> Y b. YZ c. XZ <sub>3</sub> d. Y <sub>2</sub> Z	1
20.	In thermite welding a mixture of ..... and ..... is ignited with a burning magnesium ribbon which produces molten iron metal as large amount of heat is evolved. a. iron (III) oxide and aluminium powder b. iron (II) oxide and aluminium powder c. iron (III) chloride and aluminium powder d. iron (III) sulphate and aluminium powder	1
21.	Assertion : Gas bubbles are observed when sodium carbonate is added to dilute hydrochloric acid Reason : Carbon dioxide is given off in the reaction. a. Both Assertion and Reason are true and Reason is the correct explanation of Assertion. b. Both Assertion and Reason are true but Reason is not the correct explanation of Assertion. c. Assertion is true but Reason is false. d. Assertion is false but Reason is true.	1
22.	Assertion : Different metals have different reactivities with water and dilute acids. Reason : Reactivity of a metal depends on its position in the reactivity series. a. Both Assertion and Reason are true and Reason is the correct	1

	<p>explanation of Assertion.</p> <p>b. Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.</p> <p>c. Assertion is true but Reason is false.</p> <p>d. Assertion is false but Reason is true.</p>	
23.	<p>Assertion : Sodium displaces copper from its salt solution.</p> <p>Reason : Reactive metals can displace less reactive metals from their compounds in solution as molten form.</p> <p>a. Both Assertion and Reason are true and Reason is the correct explanation of Assertion.</p> <p>b. Both Assertion and Reason are true but Reason is not the correct explanation</p> <p>c. Assertion is true but Reason is false.</p> <p>d. Both Assertion and Reason are false.</p>	1
	<p><b>CASE STUDY</b></p> <p>A metal M reacts vigorously with water to form a solution S and a gas G. The solution S turns red litmus to blue whereas gas G, which is lighter than air, burns with a pop sound. Metal M has a low melting point and is used as a coolant in nuclear reactors.</p>	
24.	<p>The metal M is:</p> <p>a. Sodium</p> <p>b. Copper</p> <p>c. Iron</p> <p>d. Steel</p>	1
25.	<p>The solution S is:</p> <p>a. NaCl</p> <p>b. NaOH</p> <p>c. CaCl<sub>2</sub></p> <p>d. Ca(OH)<sub>2</sub></p>	1
26.	<p>Here the gas G is:</p> <p>a. Hydrogen</p> <p>b. Oxygen</p> <p>c. Carbon-dioxide</p> <p>d. Nitrogen</p>	1
27.	<p>Which of the following balanced reaction take place here?</p> <p>a. <math>\text{Na} + \text{H}_2\text{O} \rightarrow \text{Na}_2\text{O} + \text{H}_2</math></p> <p>b. <math>2\text{Na} + 2\text{H}_2\text{O} \rightarrow 2\text{NaOH} + \text{H}_2</math></p> <p>c. <math>2\text{Na} + 2\text{H}_2\text{O} \rightarrow \text{Na}_2\text{O}_2 + \text{O}_2</math></p> <p>d. <math>\text{Na} + \text{H}_2\text{O} \rightarrow \text{Na}_2\text{O}_2 + \text{H}_2</math></p>	1
28.	<p>Which of the following can make a parallel beam of light when light from a point source is incident on it?</p> <p>(a) Concave mirror as well as convex lens</p> <p>(b) Convex mirror as well as concave lens</p> <p>(c) Two plane mirrors placed at 90° to each other</p> <p>(d) Concave mirror as well as concave lens</p>	1
29	<p>A 10 mm long awl pin is placed vertically in front of a concave mirror. A 5 mm long image of the awl pin is formed at 30 cm in front of the mirror. The focal length of this mirror is</p> <p>(a) -30 cm</p> <p>(b) -20 cm</p> <p>(c) -40cm</p> <p>(d) -60 cm</p>	1
30	<p>At noon the sun appears white as</p> <p>(a) light is least scattered.</p> <p>(b) all the colours of the white light are scattered away.</p> <p>(c) blue colour is scattered the most.</p> <p>(d) red colour is scattered the most.</p>	1
31	<p>Twinkling of stars is due to atmospheric</p> <p>(a) dispersion of light by water droplets</p> <p>(b) refraction of light by different layers of varying refractive indices</p> <p>(c) scattering of light by dust particles</p> <p>(d) internal reflection of light by clouds</p>	1
32	<p>Which of the following phenomena of light are involved in the formation of a</p>	1

	rainbow? (a) Reflection, refraction and dispersion (b) Refraction, dispersion and total internal reflection (c) Refraction, dispersion and internal reflection (d) Dispersion, scattering and total internal reflection	
33	The clear sky appears blue because (a) blue light gets absorbed in the atmosphere. (b) ultraviolet radiations are absorbed in the atmosphere. (c) violet and blue lights get scattered more than lights of all other colours by the atmosphere. (d) light of all other colours is scattered more than the violet and blue colour lights by the atmosphere.	1
34	Which of the following statements is correct regarding the propagation of light of different colours of white light in air? (a) Red light moves fastest. (b) Blue light moves faster than green light. (c) All the colours of the white light move with the same speed. (d) Yellow light moves with the mean speed as that of the red and the violet light.	1
35	<b>Assertion(A)</b> : White light is dispersed into its seven-colour components by a prism. <b>Reason (R)</b> : Different colours of light bend through different angles with respect to the incident ray as they pass through a prism. (a) Both A and R are true and R is the correct explanation of A. (b) Both A and R are true but R is not the correct explanation of A. (c) A is true but R is false. (d) A is false but R is true.	1
36	<b>Assertion(A)</b> : The phenomenon of scattering of light by the colloidal particles gives rise to Tyndall effect. <b>Reason (R)</b> : The colour of the scattered light depends on the size of the scattering particles. (a) Both A and R are true and R is the correct explanation of A. (b) Both A and R are true but R is not the correct explanation of A. (c) A is true but R is false. (d) A is false but R is true.	1
37	<b>Assertion(A)</b> : Danger signals are made of red colour. <b>Reason (R)</b> : Velocity of red light in air is maximum, so signals are visible even in dark. (a) Both A and R are true and R is the correct explanation of A. (b) Both A and R are true but R is not the correct explanation of A. (c) A is true but R is false. (d) A is false but R is true.	1
	The spreading of light by the air molecules is called scattering of light. The light having least wavelength scatters more. The sun appears red at sunrise and sunset, appearance of blue sky it is due to the scattering of light. The colour of the scattered light depends on the size of particles. The smaller the molecules in the atmosphere scatter smaller wavelengths of light. The amount of scattering of light depends on the wavelength of light. When light from sun enters the earth's atmosphere, it gets scattered by the dust particles and air molecules present in the atmosphere. The path of sunlight entering in the dark room through a fine hole is seen because of scattering of the sun light by the dust particles present in its path inside the room.	
38	At the time of sunrise and sunset, the light from sun has to travel. (a) longest distance of atmosphere (b) shortest distance of atmosphere (c) both (a) and (b) (d) can't say	1
39	To an astronaut in a spaceship, the colour of earth appears (a) red (b) blue (c) white (d) black	1

<b>40</b>	The colour of sky appears blue, it is due to the (a) refraction of light through the atmosphere (b) dispersion of light by air molecules (c) scattering of light by air molecules (d) all of these.	<b>1</b>
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**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS -X**



**ACADEMIC SESSION 2021-22**  
**WORKSHEET (SELF –ASSESSMENT)**

**Subject: Social Science**


**Assignment No. : 7**

**Allotment Date: 15 October 2021**

S. NO.	QUESTIONS	MARKS
1	<p>“In the initial stages, the French armies were welcomed as harbingers of liberty. But the initial enthusiasm soon turned to hostility”. Identify the reason from the following.</p> <ol style="list-style-type: none"><li>Increased taxation, censorship, forced conscription into the French armies</li><li>Introduced uniform laws, standardized weights and measures</li><li>Secured equality before the law and the right to property</li><li>Simplified administrative divisions, abolished the feudal system</li></ol>	1
2	<p>Which of the following group of powers collectively defeated Napoleon?</p> <ol style="list-style-type: none"><li>England , France, Italy, Russia</li><li>England, Austria, Spain, Russia</li><li>Austria, Prussia, Russia , Britain</li><li>Britain, Prussia, Russia , Italy</li></ol>	1
3	<p>Who was the famous English poet, who organised funds and later went to fight in the Greek War of Independence.</p> <ol style="list-style-type: none"><li>Lord John Milton</li><li>Lord Byron</li><li>Lord Wellington</li><li>Lord Macaulay</li></ol>	1
4	<p>Which one of the following statements is not true of Aristocracy?</p> <ol style="list-style-type: none"><li>They owned estates in the countryside and also town-houses</li><li>They spoke French for purposes of diplomacy and in high society</li><li>Their families were often connected by ties of marriage</li><li>They often clashed with the ideas of the monarchs</li></ol>	1
5	<p>Arrange the following events related to the Formation of Britain as a nation, in chronological order.</p> <ol style="list-style-type: none"><li>The Act of Union between England and Scotland</li></ol>	1




	<ul style="list-style-type: none"> <li>(ii) The English parliament, which had seized power from the monarchy</li> <li>(iii) Ireland was forcibly incorporated into the United Kingdom</li> <li>(iv) Catholic revolts against British dominance</li> </ul> <ul style="list-style-type: none"> <li>a. iii - i - ii - iv</li> <li>b. i - ii - iii - iv</li> <li>c. iv - i - ii - iii</li> <li>d. ii - i - iv - iii</li> </ul>	
<b>6</b>	<p>What was the significance of ' Broken Chains' ?</p> <ul style="list-style-type: none"> <li>a. Being freed</li> <li>b. Heroism</li> <li>c. Readiness to fight</li> <li>d. Willingness to make peace</li> </ul>	<b>1</b>
<b>7</b>	<p>Find out from the following, what economic liberalism stood for.</p> <ul style="list-style-type: none"> <li>(i) Abolition of state-imposed restrictions on the movement of goods and capital</li> <li>(ii) End of autocracy and clerical privileges</li> <li>(iii) Freedom for the individual and equality of all</li> <li>(iv) Freedom of markets</li> </ul> <ul style="list-style-type: none"> <li>a. (i) and (ii) are correct</li> <li>b. (i) and (iii) are correct</li> <li>c. (ii) and (iv) are correct</li> <li>d. (i) and (iv) are correct</li> </ul>	<b>1</b>
<b>8</b>	<p>Identify the three wars led by Otto van Bismarck that completed the process of German Unification.</p> <ul style="list-style-type: none"> <li>a. Austria, Denmark and France</li> <li>b. France, Austria and England</li> <li>c. Denmark, France and England</li> <li>d. England, Austria and Denmark</li> </ul>	<b>1</b>
<b>9</b>	<p>The following characteristics of Marianne were drawn from those of Liberty and of the Republic.</p> <ul style="list-style-type: none"> <li>a. The red cap, The broken chain, The oak leaves</li> <li>b. The red cap, The tricolour, The cockade</li> <li>c. The broken chain, The tricolour, The cockade</li> <li>d. The oak leaves, The cockade, The tricolour</li> </ul>	<b>1</b>
<b>10</b>	<p>"The Balkan area became an area of intense conflict". Find out the reason(s) for conflict.</p> <ul style="list-style-type: none"> <li>(i) Different Slavic nationalities struggled to define their identity and independence</li> <li>(ii) Each Balkan state hoped to gain more territory at the expense of the others</li> </ul>	<b>1</b>

	<p>(iii) The Balkans also became the scene of big power rivalry</p> <p>a. (i) and (ii) are correct</p> <p>b. (i) and (iii) are correct</p> <p>c. All the above are correct</p> <p>d. None of the above</p>											
11	<p>In the question given below, there are two statements marked as assertion (A) and reason (R) . Read the statements and choose the correct option .</p> <p><b>Assertion (A)</b> Economic activities grouped into three categories are highly dependent.</p> <p><b>Reason (R)</b> Primary and secondary activities cannot produce goods unless they are aided by the tertiary sector.</p> <p>Options</p> <p>(a) Both (A) and (R) are true and (R) is the correct explanation of (A).</p> <p>(b) Both (A) and (R) are true and (R) is not the correct explanation of (A).</p> <p>(c) (A) is true, but (R) is false.</p> <p>(d) (A) is false , but (R) is true.</p>	1										
12	<p>Match the following:-</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Column A</th> <th style="width: 50%;">Column B</th> </tr> </thead> <tbody> <tr> <td>A.Shelter belts</td> <td>i) Deep channels</td> </tr> <tr> <td>B.Bad land</td> <td>ii) Planting lines of trees to create shelter</td> </tr> <tr> <td>C.Sheet erosion</td> <td>iii) Land unfit for cultivation</td> </tr> <tr> <td>D.Gullies</td> <td>iv) Water flows as a sheet over large area</td> </tr> </tbody> </table> <p>a. A (ii),B (iii),C (iv),D (i)</p> <p>b. A (iii),B (ii),C (i),D (iv)</p> <p>c. A (ii),B (i),C (iii),D (iv)</p> <p>d. A (iii),B (iv),C (i),D (ii)</p>	Column A	Column B	A.Shelter belts	i) Deep channels	B.Bad land	ii) Planting lines of trees to create shelter	C.Sheet erosion	iii) Land unfit for cultivation	D.Gullies	iv) Water flows as a sheet over large area	1
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D.Gullies	iv) Water flows as a sheet over large area											
13	<p>The crop in the picture is the main source of</p>  <p>a. . gur</p> <p>b. . molasses</p> <p>c. . khandsari</p> <p>d .all of the above</p>	1										
14	<p>Which of the following crop is not a millet ?</p> <p>a. Jowar</p> <p>b. Bajra</p> <p>c. Maize</p> <p>d. Ragi</p>	1										

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<b>15</b>	<p>RAVINES refers to the _____</p> <ol style="list-style-type: none"> <li>Bad land created at Godavari valley</li> <li>Bad land created at Kullu valley</li> <li>Bad land created at Chambal valley</li> <li>None of the above</li> </ol>	<b>1</b>
<b>16</b>	<p>The lower horizon of soil are occupied by Kankar due to increasing _____</p> <ol style="list-style-type: none"> <li>Magnesium content</li> <li>Potash and lime</li> <li>Calcium content</li> <li>Phosphoric</li> </ol>	<b>1</b>
<b>17</b>	<p>The land left uncultivated for more than 5 agricultural years is referred to as</p> <ol style="list-style-type: none"> <li>Current fallow</li> <li>Fallow</li> <li>Culturable waste</li> <li>Permanent pasture</li> </ol>	<b>1</b>
<b>18</b>	<p>How can we solve the problems of land degradation ?</p> <ol style="list-style-type: none"> <li>Afforestation</li> <li>More agriculture crops</li> <li>Try to grow plants in mountain areas</li> <li>Keep away from agriculture land</li> </ol>	<b>1</b>
<b>19</b>	<p>Area sown more than once in an agricultural year plus net sown area is known as:</p> <ol style="list-style-type: none"> <li>Net sown area</li> <li>Forest area</li> <li>fallow area</li> <li>Gross cropped area</li> </ol>	<b>1</b>
<b>20</b>	<p>Which of the following was not a provision of the Act of 1956 passed in Sri Lanka?</p> <ol style="list-style-type: none"> <li>Sinhala was recognised as the only official language</li> <li>Buddhism was to be protected by the state</li> <li>Provinces autonomy was given to Tamils</li> <li>Sinhala's were favoured in government jobs</li> </ol>	<b>1</b>

21	<p>Which of the following was not a provision of the Act of 1956 passed in Sri Lanka?</p> <ul style="list-style-type: none"> <li>a. Sinhala was recognised as the only official language</li> <li>b. Buddhism was to be protected by the state</li> <li>c. Provinces autonomy was given to Tamils</li> <li>d. Sinhala's were favoured in government jobs</li> </ul>	1															
22	<p>Reservation to weaker section and community government are the example of:</p> <ul style="list-style-type: none"> <li>a. Power sharing between different organs of the government</li> <li>b. Power Sharing among different social group</li> <li>c. Power Sharing among Political parties, pressure groups and movements</li> <li>d. All the above</li> </ul>	1															
23	<p>Match list I with list II and select the correct answer using the codes below in the lists:</p> <table border="1" data-bbox="502 766 1337 1176"> <thead> <tr> <th></th> <th>List I</th> <th>List II</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Dutch speaking people in Flemish region</td> <td>a)40%</td> </tr> <tr> <td>2.</td> <td>French speaking people in Wallonia region</td> <td>b)18%</td> </tr> <tr> <td>3.</td> <td>Sinhala speakers in Sri Lanka</td> <td>c)59%</td> </tr> <tr> <td>4.</td> <td>Tamil speakers in Sri Lanka</td> <td>d)74%</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>a. 1.c) , 2.a) , 3. d) ,4. b)</li> <li>b .1.c) , 2.d) , 3. a) ,4. b)</li> <li>c .1.c) , 2.a) , 3. b) ,4. d)</li> <li>d .1.a) , 2.c) , 3. d) ,4. b)</li> </ul>		List I	List II	1.	Dutch speaking people in Flemish region	a)40%	2.	French speaking people in Wallonia region	b)18%	3.	Sinhala speakers in Sri Lanka	c)59%	4.	Tamil speakers in Sri Lanka	d)74%	1
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4.	Tamil speakers in Sri Lanka	d)74%															
24	<p>Civil War was started in Sri Lanka due to distrust between the two communities.</p> <ul style="list-style-type: none"> <li>a. First world war</li> <li>b. Second world war</li> <li>c. Civil war</li> <li>d. Belgium war</li> </ul>	1															
25	<p>When power is taken away from state governments and is given to local government, it is called</p> <ul style="list-style-type: none"> <li>a. Decentralisation</li> <li>b. Centralisation</li> <li>c. Panchayat Samiti</li> <li>d. Federalism</li> </ul>	1															

26	<p>Which statement is not true about the Zila Parishad?</p> <ol style="list-style-type: none"> <li>All the panchayat samitis or mandals in a district together constitute the zilla(district) parishad.</li> <li>Most members of the zilla parishad are elected</li> <li>The members of this representative body are elected by all the panchyat members inthat area.</li> <li>Zilla parishad chairperson is the political head of the zilla parishad.</li> </ol>	1
27	<p>Study the given picture and find out which of the following options best signifies thiscartoon?</p>  <ol style="list-style-type: none"> <li>The state representatives are begging before the central government</li> <li>The central government is undermining the spirit of federalism</li> <li>A lady is distributing food to the beggars</li> <li>None of the above</li> </ol>	1
28	<p>In the question given below, there are two statements marked as assertion (A) and reason (R) . Read the statements and choose the correct option .</p> <p><b>Assertion( A):</b> Power sharing is good for democracy.</p> <p><b>Reason (R):</b> It helps to reduce the possibility of conflict between the social groups.</p> <p>Options</p> <ol style="list-style-type: none"> <li>Both (A) and (R) are true and (R) is the correct explanation of (A).</li> <li>Both (A) and (R) are true and (R) is not the correct explanation of (A).</li> <li>(A) is true, but (R) is false.</li> <li>(A) is false , but (R) is true.</li> </ol>	1
29	<p><b>Assertion(A):</b> Both the union as well as the state Governments can make laws on thesubjects mentioned in concurrent list.</p>	1

	<p><b>Reason (R):</b> According to our constitution the state government has the power to legislate on these residuary subjects.</p> <p>Options</p> <p>(a) Both (A) and (R) are true and (R) is the correct explanation of (A).  (b) Both (A) and (R) are true and (R) is not the correct explanation of (A).  (c) (A) is true, but (R) is false.  (d) (A) is false, but (R) is true.</p>	
30	<p><b>Assertion(A):</b> Sri Lanka emerged as an independent country in 1949.  <b>Reason(R):</b> The leaders of the Sinhala community sought to secure dominance over government by virtue of their majority. Options</p> <p>(a) Both (A) and (R) are true and (R) is the correct explanation of (A).  (b) Both (A) and (R) are true and (R) is not the correct explanation of (A).  (c) (A) is true, but (R) is false.  (d) (A) is false, but (R) is true.</p>	1
31	<p>The Developmental goal for a Landless agricultural labour is _____</p> <p>a. More days of work and better wages  b. Assured a high family income through higher support prices for their crops  c. they should be able to settle their children abroad.  d. Proper and developed Irrigational facilities for their crops.</p>	1
32	<p>If women are engaged in paid work, what difference does it make?</p> <p>a. Their dignity in the household and society decreases  b. Household work of women decreases.  c. Income of the family is reduced.  d. their dignity in the household and society increases</p>	1
33	<p>Which of the following is least considered while taking up a new job</p> <p>a. Income level  b. Job security  c. Dignity and respect  d. Distance from home.</p>	1
34	<p>Per capita income is:</p> <p>a. Income per family  b. Income per person  c. Income per earning member</p>	1

	d. Income per month	
35	<p>Choose the incorrect option from the pairs given below</p> <p>a. Prosperous Farmer from Punjab – High support price for his crop.  b. Farmers depending on Rainfall for farming – Development of alternate sources of irrigation.  c. An Urban Unemployed Youth – Regular Job with high wages.  d. An urban girl from a Rich Family – Lots of leisure time to enjoy.</p>	1
36	<p>Ramesh owns a medical shop. He managed the shop with the help of an assistant. Once his son Mahesh finished his education, he also joined his father in the medical shop. Now both Ramesh and Mahesh managed the medical shop with the help of the assistant. Mahesh is</p> <p>_____</p> <p>a. Unemployed  b. Underemployed  c. Over employed  d. employed.</p>	1
37	<p>If the price of fertilizers, pump sets go up, cost of cultivation of farmer will also go up and their profit will reduce. This shows the dependence of:</p> <p>a. Primary on secondary sector  b. Secondary on tertiary sector  c. Secondary on primary sector  d. Primary on tertiary sector</p>	1
38	<p>A sugar mill owner purchased sugarcane from farmers, manufactured sugar from it and then sold it to wholesalers. Such kind of activities comes under:</p> <p>a. Primary sector  b. Tertiary sector  c. Secondary sector  d. Service sector</p>	1
39	<p>Choose the incorrect option from the following</p> <p>a. Courier – Tertiary sector  b. Fisherman – Primary sector  c. Carpenter – Primary sector  d. Banker – Tertiary sector</p>	1
40	Choose the improper group from the following	1

- |  |   |  |
|--|---|--|
|  | <ul style="list-style-type: none"><li>a. Maruti Suzuki, Tata Motors and Volkswagen</li><li>b. Indian Railways, TSRTC, and Indian Airlines</li><li>c. Agriculture, Lumbering and Mining</li><li>d. BSNL, Hero Honda and Amul Dairy</li></ul> |  |
|--|---|--|





**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS -X**



**ACADEMIC SESSION 2021-22**

**WORKSHEET (SELF –ASSESSMENT)**

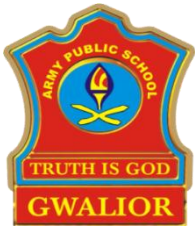
**Subject: Computer**

**Assignment No. : 7**

**Allotment Date: 15 October 2021**

S.NO.	QUESTIONS	MARKS	NATURE
1	<p>Choose and write the correct option (MCQ):-</p> <p>(i). Which tag is used to add a new row to table :</p> <p>(a) &lt;td&gt;</p> <p>(b) &lt;tr&gt;</p> <p>(c) &lt;colspan&gt;</p> <p>(d) &lt;Table&gt;</p> <p>(ii) Increasing the cell padding value will do what?</p> <p>(a) Increase the cell boundary and content</p> <p>(b) Increase the space between cell</p> <p>(c) Decrease the size of the cell</p> <p>(d) None of these</p> <p>(iii) Which tag is used to create a column :</p> <p>(a) &lt;td&gt;</p> <p>(b) &lt;tr&gt;</p> <p>(c) &lt;table&gt;</p> <p>(d) &lt;rowspan&gt;</p> <p>(iv) Which tag defines the header cell of the table:-</p> <p>(a) &lt;td&gt;</p> <p>(b) &lt;tr&gt;</p> <p>(c) &lt;th&gt;</p> <p>(d) &lt;table&gt;.</p>	$\frac{1}{2} \times 4=2$	Information
2	<p>Fill in the blanks-</p> <p>(i) ____ tags used to create data cell in a table row.</p> <p>(ii) HTLM stands for _____.</p> <p>(iii) _____ is the extension of web page.</p>	$\frac{1}{2} \times 4=2$	Understanding and Problem Solving

	(iv) The background colour of the web page can be set by using the _____ attribute with <body> tag.		
<b>3</b>	Write short notes on following-  (i) HTML (ii) HTML table (iii) rowspan (iv) colspan	$\frac{1}{2} \times 4 = 2$	Critical Thinking
<b>4</b>	Answer the following questions -  (i) What is the difference between <tr> tag and <td> tag? (ii) What is the difference between cell padding and cell spacing? (iii) Name any two attributes of <body> tag. <b>(iv)</b> Name any two attributes of <font> tag.	$1 \times 4 = 4$	HOT



**ARMY PUBLIC SCHOOL GWALIOR**



**CLASS -X**


**ACADEMIC SESSION 2021-22**

**WORKSHEET (SELF –ASSESSMENT)**

**Subject: Work Education**

**Assignment No. : 7**

**Allotment Date: 15 October 2021**

S.NO.	QUESTIONS	MARKS	SKILLS/ COMPETENCIES
1	What material are almost all printing blocks made of?	1	Creativity
2	How are multiple colors added to fabrics using block printing?.	1	Creativity
3	What is one of the most significant differences between block printing and other techniques like weaving to create designs in a fabric?	1	Creativity
4	Which of the following block print techniques is the newest?	1	Creativity
5	What is negative space in terms of block printing?	1	Creativity
6	Which fabric is considered as best for block printing?	1	Creativity
7	Which state is famous for block printing?	1	Creativity
8	Which of the following is an example of a common, modern block print process?	1	Creativity
9	The traditional block print designs include designs of_____.	1	Creativity
10	What is this picture related to? 	1	Creativity





# ARMY PUBLIC SCHOOL GWALIOR



## CLASS -X

### ACADEMIC SESSION 2021-22

### WORKSHEET (SELF –ASSESSMENT)

Subject: Health and Physical Education

Assignment No. : 7

Allotment Date: 15 October 2021

S.NO	QUESTIONS	MARKS:- 1X10=10	SKILLS/ COMPETENCIES
1.	The condition of being free from harm or risk is called _____	1	Thinking
2.	If you see crime happening at some place, whom will you contact first?	1	Initiative
3.	What is the full form of OSHA?	1	Thinking
4.	Under the OSH Act, employers are responsible for providing a _____	1	Initiative
5.	OSHA was created to _____	1	Leadership
6.	In case of fatal accident, when should be a report filled for nearest OSHA office ?	1	Critical
7.	When was OSHA enacted?	1	Self-regulation
8.	Heights, Electrical hazards, Improperly built structures and Lack of Effective protective gear, these are the causes of _____	1	Management
9.	The design and study of working environment to address physical and psychological demands of individuals is classified as _____	1	Management
10.	The disorder which is occurs in employees when individuals use the same muscles repetitively to perform tasks is classified as _____	1	Problem-solving



**ARMY PUBLIC SCHOOL GWALIOR**  
**CLASS -X**



**ACADEMIC SESSION 2021-22**  
**WORKSHEET (SELF –ASSESSMENT)**

**Subject: Art Education**

**Assignment No. : 7**

**Allotment Date: 15 October 2021**

<b>S.NO</b>	<b>QUESTIONS</b>	<b>MARKS 1X10= 10</b>	<b>SKILLS/COMPETENCIES</b>
1	Repeating a rhythmic piece identically 3 times with equal interval in between the repetitions is called ---- -----.	1	Informative
2	Semi classical dance originates from -----.	1	Informative
3	Semi classical dance is performed on -----.	1	Informative
4	Classical dance in India is based on ----- shastra.	1	Informative
5	Natya shastra is written by -----.	1	Informative
6	Mudras and posture of the dancer is not essential in ----- dance .	1	Informative
7	The chapter “ sapno ke se din “ is related with ----- -----.	1	Thinking
8	Which dance form represents the origin of person and well developed in the form of techniques , execution and formal lessons.	1	Informative
9	Write the name of the writer .	1	Thinking
10	When we put classical and folk dance together it becomes ----- dance.	1	Informative