



ARMY PUBLIC SCHOOL GWALIOR

CLASS -XI

ACADEMIC SESSION 2021-22

WORKSHEET (SELF –ASSESSMENT)



Subject: English

Assignment No. : 4

Allotment Date: 15 October 2021

S.NO	QUESTIONS	MARKS
Q.1	<p>Choose the correct option to answer the following questions</p> <p>1. Which of these are the most common type of business letters?</p> <p>a) Letters of application b) Letters of enquiry c) Letters of order d) Letters of adjustment</p> <p>2. Which of these is not a type of letters of enquiry?</p> <p>a) General enquiries b) Personal enquiries c) Sales related enquiries d) Status enquiries</p> <p>3. Which of these is not a letter of enquiry?</p> <p>a) General enquiry b) Status enquiry c) Friendly enquiry d) Sales related enquiry</p> <p>4. General enquiry letters do not result in any business return.</p> <p>a) True b) False</p> <p>5. Sales related enquiries seek information regarding the business practice of enterprises.</p> <p>a) True b) False</p> <p>6. Which of these seek information regarding purchase of a product?</p> <p>a) General enquiry b) Status enquiry c) Sales related enquiry d) Private enquiry</p>	6
Q.2	<p>Read the given extracts and answer the questions based on the extracts.</p>	4

	<p>It has been well said that forests precede mankind; deserts follow. The world's ancient patrimony of tropical forests is now eroding at the rate of forty to fifty million acres a year, and the growing use of dung deprives the soil of an important natural fertilizer . The world bank estimates that a five-fold increase in the rate of forest planting is needed to cope with the expected fuel wood demand in the year 2000.</p> <p>i.What do you mean by “ Forests precede mankind and deserts follow”?</p> <p>(a) humans are responsible for turning deserts into forest (b) humans are responsible for turning forests into deserts (c) forests and deserts both are important (d) None</p> <p>ii. Which word in the above lines mean ‘property inherited from one’s father’?</p> <p>(a) precede (b) patrimony (c) eroding (d) deprives</p> <p>iii.What can be used to provide natural fertiliser to soil ?</p> <p>(a) tropical forests (b) dung (c) fuel (d) None</p> <p>iv. Which word in the above passage is synonym to ‘ survive’ ?</p> <p>(a) erode (b) cope (c)estimates (d) increase</p>	
<p>Q.3</p>	<p>Answer the following literary questions by choosing the correct option.</p> <p>1. What was the issue raised by the author in the chapter ‘The Ailing Planet’?</p> <p>A. Global Warming B. Save Water C. Save Electricity D. deteriorating health of the earth</p> <p>2. When did the Green Movement help environmentalists to raise awareness about the harmful condition of the earth?</p> <p>A. 1992 B. 1972 C. 1987 D. 1970</p> <p>3. When was the Sustainable Development used by the World Commission on Environment and Development?</p> <p>A. 1987 B. 1992 C. 1990 D. 1986</p> <p>4. What did the sign in the zoo in Alaska read?</p>	<p>6</p>

	<p>A. Animal B. Lion C. 'The World's most dangerous animal' D. Warning</p> <p>5. Where was the message 'The World's most dangerous animal' written in the zoo? A. board B. Mirror C. wood D. bark of the tree</p> <p>6. "Who raised the question "Are we to leave our successors a scorched planet of advancing deserts, impoverished landscapes and ailing environment?" A. Brandt Commission B. Brundtland Commission C. UN World Commission D. None of the above</p>	
<p>Q.4</p>	<p>Answer the following questions based on the literary text of your Textbook by choosing the correct option.</p> <p>1. What are the four principal biological systems that form the foundation of the global economic system? A. water, air, sand, forests B. ocean, forests, deserts, land C. fisheries, grasslands, forests, and croplands D. fisheries, grasslands, oceans, land</p> <p>2. What will the grasslands turn into if systems become unsustainable? A. turn into a barren wasteland B. turn into desert C. soil quality will deteriorate D. Nothing as such</p> <p>3. What happens to the forest in poor countries? A. They are cut down for fuelwood B. they cut down for furniture C. they grow them into a large number D. Nothing as such</p> <p>4. What is leading to deforestation at an alarming rate? A. sale of fuelwood B. sale of vegetables C. building up of houses D. sale of wood for burning purpose</p>	<p>4</p>
<p>Q.5</p>	<p>Choose the correct option to complete the sentences in correct tense-</p> <p>1. I _____ working all afternoon and have just finished the assignment. A have been B had been C shall be D am</p> <p>2. Rohan _____ the movie before he read the review. A watches B have watched C had watched D was watching</p>	<p>6</p>

	<p>3. He _____ in the States but he still does not have a command over the English language. A have been living B has been living C have lived D living</p> <p>4. By the next month, we shall _____ the project. A has completed B completing C completed D have completed</p> <p>5. Every boy and girl _____ in the class today. A are present B is present C have present D had present</p> <p>6. He _____ daily for a year now. A exercises B was exercising C has been exercising D have been exercising</p>	
<p>Q.6</p>	<p>Choose the correct determiner to fill in the blanks.</p> <p>Q1. _____ of the two sisters is married. A. Both B. Every C. Each D. Any</p> <p>Q2. _____ of you should attend the conference. A. Both B. Each C. Every D. Many</p> <p>Q3. We should inform _____ of them. A. many B. every C. few D. all</p> <p>Q4. They have spent _____ for their son's wedding. A. many B. enough C. all D. the little</p>	<p>4</p>



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CLASS -XI

ACADEMIC SESSION 2021-22

WORKSHEET (SELF –ASSESSMENT)



Subject: Hindi

Assignment No. : 4

Allotment Date: 15 October 2021

S.NO	QUESTIONS	MARKS
1	<p>प्रस्तुत गद्यांश को पढ़िए और उचित विकल्पों का चयन करके उत्तर दीजिये</p> <p>राहे पर खड़ा है, सदा से ढूँठ नहीं है। दिन थे जब वह हरा भरा था और उस जनसंकुल चौराहे पर अपनी छतनार डालियों से बटोहियों की थकान अनजाने दूर करता था। पर मैंने उसे सदा ढूँठ ही देखा है। पत्रहीन, शाखाहीन, निरवलंब, जैसे पृथ्वी रूपी आकाश से सहसा निकलकर अधर में ही टंग गया हो। रात में वह काले भूत-सा लगता है, दिन में उसकी छाया इतनी गहरी नहीं हो पाती जितना काला उसका जिस्म है और अगर चितरे को छायाचित्र बनाना हो तो शायद उसका-सा 'अभिप्राय' और न मिलेगा। प्रचंड धूप में भी उसका सूखा शरीर उतनी ही गहरी छाया ज़मीन पर डालता जैसे रात की उजियारी चांदनी में। जब से होश संभाला है, जब से आंख खोली है, देखने का अभ्यास किया है, तब से बराबर मुझे उसका निस्पंद, नीरस, अर्थहीन शरीर ही दिख पड़ा है।</p> <p>पर पिछली पीढ़ी के जानकार कहते हैं कि एक जमाना था जब पीपल और बरगद भी उसके सामने शरमाते थे और उसके पत्तों से, उसकी टहनियों और डालों से टकराती हवा की सरसराहट दूर तक सुनाई पड़ती थी। पर आज वह नीरव है, उस चौराहे का जवाब जिस पर उत्तर-दक्षिण, पूरब-पश्चिम चारों ओर की राहें मिलती हैं और जिनके सहारे जीवन अविरल बहता है। जिसने कभी जल को जीवन की संज्ञा दी, उसने निश्चय जाना होगा की प्राणवान जीवन भी जल की ही भांति विकल, अविरल बहता है। सो प्राणवान जीवन, मानव संस्कृति का उल्लास उपहार लिए उन चारों राहों की संधि पर मिलता था जिसके एक कोण में उस प्रवाह से मिल एकांत शुष्क आज वह ढूँठ खड़ा है। उसके अभाग्यों परंपरा में संभवतः एक ही सुखद अपवाद है - उसके अंदर का स्नेहरस सूख जाने से संख्या का लोप हो जाना। संज्ञा लुप्त हो जाने से कष्ट की अनुभूति कम हो जाती है।</p> <p>1. जनसंकुल का क्या आशय है?</p>	5X2=10

- क) जनसंपर्क
- ख) भीड़भरा
- ग) जनसमूह
- घ) जनजीवन

2. आम की छतनार डालियों के कारण क्या होता था?

- क) यात्रियों को ठंडक मिलती थी
- ख) यात्रियों को विश्राम मिलता था
- ग) यात्रियों की थकान मिटती थी
- घ) यात्रियों को हवा मिलती थी

3. शाखाहीन, रसहीन, शुष्क वृक्ष को क्या कहा जाता है?

- क) नीरस वृक्ष
- ख) जड़ वृक्ष
- ग) ठूँठ वृक्ष
- घ) हीन वृक्ष

4. आम के वृक्ष के सामने पीपल और बरगद के शरमाने का क्या कारण था?

- क) उसका अधिक हरा-भरा और सघन होना
- ख) हवा की आवाज सुनाई देना
- ग) अधिक फल फूल लगना
- घ) अधिक ऊँचा होना

5. आम के अभागेपन में संभवतः एक ही सुखद अपवाद था -

- क) उसका नीरस हो जाना
- ख) संज्ञा लुप्त हो जाना
- ग) सूख कर ठूँठ हो जाना
- घ) अनुभूति कम हो जाना

. ऐसा है आवेश देश में जिसका पार नहीं।
देखा माता का ऐसा रक्तिम श्रृंगार नहीं।
कंठ-कंठ में गान उमड़ते माँ के वंदन के।
कंठ-कंठ में गान उमड़ते माँ के अर्चन के।
शीश-शीश में भाव उमड़ते माँ पर अर्पण के।
प्राण-प्राण में भाव उमड़ते शोणित तर्पण के।
जीवन की धारा में देखी ऐसी धार नहीं।
सत्य अहिंसा का व्रत अपना कोई पाप नहीं।
विश्व मैत्री का व्रत भी कोई अभिशाप नहीं।
यही सत्य है सदा असत की टिकती चाप नहीं।
सावधान हिंसक! प्रतिहिंसा की कोई माप नहीं।
कोई भी प्रस्ताव पराजय का स्वीकार नहीं।
ऐसा है आवेश देश में जिसका पार नहीं।

	<p style="text-align: center;">प्रश्न</p> <p>(क) उपरोक्त पद्यांश में किसके आवेश का उल्लेख हुआ है? (i) माता के (ii) देश के (iii) शत्रु के (iv) इनमें से कोई नहीं</p> <p>(ख) कवि के मतानुसार असत्य है (i) स्थायी (ii) व्रत (iii) अभिशाप (iv) अस्थायी</p> <p>(ग) 'रक्ति श्रृंगार' का अर्थ है (i) वीर सपूतों का रक्त बलिदान करना (ii) रक्त बहाना (iii) शत्रु का खून बहाना । (iv) उपरोक्त में से कोई नहीं</p> <p>(घ) 'शोणित तर्पण' का अर्थ है (i) खून बहाकर आक्रमणकारी के पितरों का श्राद्ध करना (ii) शत्रु का शोषण करना (iii) दुखी होकर श्राद्ध करना (iv) वीर सपूतों का रक्त बलिदान करना</p> <p>(ङ) पद्यांश में 'माता' का प्रतीक है- (i) देवी की (ii) विश्वमैत्री की (iii) सत्य-अहिंसा की (iv) राष्ट्र (देश) की</p>	
<p>2</p>	<p>जनसंचार माध्यम</p> <p>1. इनमें से कौन-सा जनसंचार माध्यम अनपढ़ व्यक्ति के लिए उपयोगी नहीं है? A. इंटरनेट B. समाचार-पत्र C. पत्रिकाएँ D. तीनों</p> <p>2. सर्वाधिक खर्चीला जनसंचार माध्यम कौन-सा है? A. रेडियो</p>	<p>10</p>

- B. टेलीविज़न
- C. समाचार पत्र
- D. इंटरनेट

3. श्रव्य जनसंचार माध्यम कौन-सा है?

- A. समाचार पत्र
- B. रेडियो
- C. इंटरनेट
- D. टेलिविजन

4. मुद्रण का आरंभ किस देश में हुआ?

- A. भारत
- B. जापान
- C. चीन
- D. इंग्लैण्ड

5. वर्तमान छापेखाने का अविष्कार किसने किया?

- A. गुटेनबर्ग ने
- B. चिनमिन ने
- C. निहाल सिंह ने
- D. जॉनसन ने

6. श्रव्य जनसंचार माध्यम कौन-सा है?

- A. समाचार पत्र
- B. रेडियो
- C. इंटरनेट
- D. टेलिविजन

7. भारत में पहला छापाखाना कब लगा?

- A. सन् 1556 में
- B. सन् 1546 में
- C. सन् 1656 में
- D. सन् 1576 में

8. समाचार लेखन की प्रभावशाली शैली कौन सी है?

- A. वर्णनात्मक शैली
- B. विवेचनात्मक शैली
- C. पिरामिड शैली
- D. उल्टा पिरामिड शैली

9. दृश्यों का किस माध्यम में अधिक महत्व होता है?

- A. समाचार पत्र
- B. रेडियो
- C. टेलीविज़न
- D. इंटरनेट

	<p>10. हिन्दी में नेट पत्रकारिता किसके साथ आरंभ हुई?</p> <ul style="list-style-type: none"> <input type="radio"/> A. वैब दुनिया के साथ <input type="radio"/> B. दैनिक जागरण के साथ <input type="radio"/> C. दैनिक भास्कर के साथ <input type="radio"/> D. राजस्थान पत्रिका के साथ 	
3	<p>'नमक का दरोगा' पाठ के लेखक हैं-</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> A. प्रेमचंद <input type="radio"/> B. कृष्ण चंदर <input type="radio"/> C. शेखर जोशी <input type="radio"/> D. कृष्णनाथ <p>'नमक का दरोगा' पाठ के लेखक हैं-</p> <ul style="list-style-type: none"> <input type="radio"/> A. प्रेमचंद <input type="radio"/> B. कृष्ण चंदर <input type="radio"/> C. शेखर जोशी <input type="radio"/> D. कृष्णनाथ <p>नमक विभाग में दारोगा के पद के लिए कौन ललचाते थे-</p> <ul style="list-style-type: none"> <input type="radio"/> A. डॉक्टर <input type="radio"/> B. प्रोफेसर <input type="radio"/> C. इंजीनियर <input type="radio"/> D. वकील <p>नमक विभाग में किसे दारोगा की नौकरी मिली-</p> <ul style="list-style-type: none"> <input type="radio"/> A. अलोपीदीन को <input type="radio"/> B. वंशीधर को <input type="radio"/> C. बदलू सिंह को <input type="radio"/> D. दातादीन को <p>'मियाँ नसीरुद्दीन' नामक पाठ की लेखिका का नाम है-</p> <ul style="list-style-type: none"> <input type="radio"/> A. महादेवी वर्मा <input type="radio"/> B. कृष्णा सोबती <input type="radio"/> C. सुभद्रा कुमारी चौहान <input type="radio"/> D. अमृता प्रीतम <p>मियाँ नसीरुद्दीन' नामक पाठ में किसके व्यक्तित्व का शब्द-चित्र अंकित किया गया है?</p> <ul style="list-style-type: none"> <input type="radio"/> A. मियाँ नसीरुद्दीन के दादा का <input type="radio"/> B. मियाँ नसीरुद्दीन के पिता का <input type="radio"/> C. मियाँ नसीरुद्दीन का 	10

	<p><input type="radio"/> D. मियाँ नसीरुद्दीन के भाई का मियाँ नसीरुद्दीन किस कला में प्रवीण थे?</p> <p><input type="radio"/> A. वस्तुकला</p> <p><input type="radio"/> B. चित्रकला</p> <p><input type="radio"/> C. भाषण-कला</p> <p><input type="radio"/> D. रोटी बनाने की कला</p> <p>मियाँ नसीरुद्दीन कैसे इंसान का प्रतिनिधित्व करते थे?</p> <p><input type="radio"/> A. चालाक इंसान का</p> <p><input type="radio"/> B. त्यागशील इंसान का</p> <p><input type="radio"/> C. जो अपने पेशे को कला का दर्जा देते हैं</p> <p><input type="radio"/> D. जो अपने खानदान का नाम डुबोते हैं</p> <p>गलता लोहा' शीर्षक कहानी के लेखक हैं-</p> <p><input type="radio"/> A. प्रेमचंद</p> <p><input type="radio"/> B. शेखर जोशी</p> <p><input type="radio"/> C. यशपाल</p> <p><input type="radio"/> D. मन्नू भंडारी</p> <p>'गलता लोहा' शीर्षक कहानी में किस प्रमुख समस्या को उजागर किया गया है?</p> <p><input type="radio"/> A. शोषण की समस्या</p> <p><input type="radio"/> B. भ्रष्टाचार की समस्या</p> <p><input type="radio"/> C. जातिगत भेदभाव की समस्या</p> <p><input type="radio"/> D. महँगाई की समस्या</p>	
4	<p>1. 'भारतीय गायिकाओं में बेजोड़- लता मंगेशकर' नामक पाठ के लेखक हैं-</p> <p><input type="radio"/> A. अनुपम मिश्र</p> <p><input type="radio"/> B. कुमार गंधर्व</p> <p><input type="radio"/> C. प्रेमचंद</p> <p><input type="radio"/> D. हजारी प्रसाद द्विवेदी</p> <p>लता मंगेशकर के पिता का नाम था-</p> <p><input type="radio"/> A. दीनानाथ मंगेशकर</p> <p><input type="radio"/> B. भोलानाथ मंगेशकर</p> <p><input type="radio"/> C. रमानाथ मंगेशकर</p> <p><input type="radio"/> D. गंगानाथ मंगेशकर</p> <p>लता से पूर्व किस प्रसिद्ध गायिका का जमाना था?</p> <p><input type="radio"/> A. आशा भोंसले</p> <p><input type="radio"/> B. उषा मंगेशकर</p>	10

- C. नूरजहाँ
- D. अनुराधा पोंडवाल

श्री विलायत खाँ किस संगीत में दक्षता पा चुके थे?

- A. हारमोनियम में
- B. सितारवादन में
- C. बाँसुरीवादन में
- D. तबलावादन में

लता जी की प्रसिद्धि का कारण है-

- A. उन्होंने फिल्मी गीत गाए
- B. शास्त्रीय संगीत का ज्ञान
- C. मधुर स्वर
- D. गानपन

'राजस्थान की रजत बूँदें' नामक पाठ के लेखक हैं-

- A. कुमार गंधर्व
- B. बेबी हालदार
- C. अनुपम मिश्र
- D. हजारी प्रसाद द्विवेदी

कुई की कितनी गहरी खुदाई हो चुकी थी?

- A. बीस-तीस हाथ
- B. तीस-पैंतीस हाथ
- C. पच्चीस-तीस हाथ
- D. पंद्रह-बीस हाथ

'कुई' शब्द से तात्पर्य है-

- A. खुला स्थान
- B. गहरा स्थान
- C. छोटा-सा कुआँ
- D. गहरा कुआँ

कुई की खुदाई किससे की जाती है?

- A. फावड़े से
- B. हत्थी से
- C. दरांती से
- D. बसौली से

चेलवांजी अपने सिर पर किस प्रकार का टोप पहनते हैं?

- A. काँसे का
- B. पीतल का
- C. किसी अन्य धातु का

	<input type="radio"/> D. उपरोक्त में से कोई एक	
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ARMY PUBLIC SCHOOL GWALIOR
CLASS -XI



ACADEMIC SESSION 2021-22
WORKSHEET (SELF –ASSESSMENT)

Subject: Mathematics

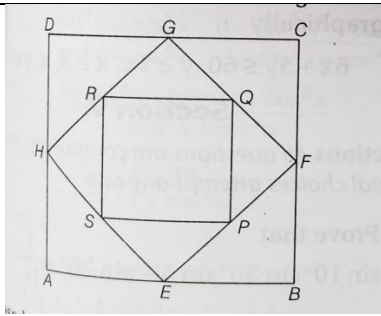
Assignment No. : 4

Allotment Date: 15 October 2021

S. NO.	QUESTIONS	MARKS
1	Every set is a _____ of itself (a) Improper subset (b) Proper subset (c) Compliment (d) None of the above	1
2	If $A = \{5, 6, 7\}$ and $B = \{7, 8, 9\}$ then $A \cup B$ is equal to: (a) $\{7, 8, 9\}$ (b) $\{5, 6, 7\}$ (c) $\{5, 6, 7, 8, 9\}$ (d) None of the above	1
3	A' will contain how many elements from the original set A (a) 0 (b) infinite (c) 1 (d) all elements of A	1
4	$A - B$ will contain elements in? (a) Both A and B (b) A not in B (c) B not in A (d) Neither A nor B	1
5	The number of proper subsets of the set $\{1, 2, 3\}$ is. (a) 8 (b) 5 (c) 7 (d) 6	1
6	The smallest set A such that $A \cup \{1, 2\} = \{1, 2, 3, 5, 9\}$ is (a) $\{1, 2, 5, 9\}$ (b) $\{2, 3, 5\}$ (c) $\{3, 5, 9\}$ (d) none of these	1

7	If $A \subset B$, then the value of $A \cap B$ is: (a) B (b) A (c) ϕ (d) none of these	1
8	If $A \subset B$, then the value of $A \cup B$ is: (a) B (b) A (c) ϕ (d) none of these	1
9	A and B are disjoint sets containing n and m elements respectively, the number of elements in $A \cup B$ is: (a) m (b) n (c) $m - n$ (d) $m+n$	1
10	If $(2a+b, a-b) = (8,3)$ then a and b are: (a) $11/3, 2/3$ (b) $11/3, -13/3$ (c) $5/3, -4/3$ (d) none of these	1
11	If $A = \{1,2,3\}$ and $B = \{x,y\}$, then the number of functions that can be defined from A to B is: (a) 3 (b) 6 (c) 8 (d) 12	1
12	The range of the real function $f(x) = x $ is: (a) R (b) $R - \{0\}$ (c) $(0, \infty)$ (d) $[0, \infty)$	1
13	The conjugate $(5+2i)^2$ is: (a) $5-2i$ (b) $21-20i$ (c) $6-17i$ (d) $13+5i$	1
14	If $z = 7-9i$, then $z\bar{z}$ equals to: (a) 63 (b) -63 (c) 130 (d) -130	1
15	Multiplicative inverse of $4-3i$ is: (a) $(3/25)+(4/25)i$ (b) $(3/25)-(4/25)i$ (c) $(4/25)+(3/25)i$ (d) $(4/25)-(3/25)i$	1
16	Express $i^9 + i^{10} + i^{11} + i^{12}$ in the form of $a+ib$: (a) i (b) 0 (c) 1 (d) -1	1
17	The roots of the equation $x^2+16=0$ are: (a) $\pm 2i$ (b) $\pm 4i$ (c) ± 2 (d) ± 4	1
18	The argument of $\frac{1+i}{1-i}$ is: (a) π (b) 0 (c) $\pi/4$ (d) $\pi/2$	1
19	The eighth term in the series 2, 6, 18, 54, ___ is (A) 4372(B) 4374(C) 7343(D) 7434	1
20	Find the next term of this sequence 11, 13, 17, 19, 23, ___ . (A) 25(B) 27(C) 29(D) 31	1
21	In the following series, a wrong number is given, find out that wrong number. 4, 5, 10, 18, 34, 59, 95 (A) 10(B) 18(C) 34(D) 59	1
22.	In the series 7, 10, 13, 20 th term is (A) 56(B) 59(C) 64(D) 66	1
23.	Find the 8 th term of the sequence whose general term is $2n^2 - 3n + 1$. (A) 105(B) 110(C) 115(D) 120	1

24.	How many terms are there in the G.P. 3, 6, 12, 24, 384. (A) 7(B) 8(C) 9(D) 10	1
25.	What can be said regarding if a line if its slope is negative : (a) θ is an acute angle (b) θ is an obtuse angle (c) Either the line is x-axis or it is parallel to the x-axis. (d) None of these	1
26.	The locus of a point, whose abscissa and ordinate are always equal is: (a) $x + y + 1 = 0$ (b) $x - y = 0$ (c) $x + y = 1$ (d) none of these.	1
27.	The equation of straight line passing through the point (1, 2) and parallel to the line $y = 3x + 1$ is : (a) $y + 2 = x + 11$ (b) $y + 2 = 3 \times (x + 1)$ (c) $y - 2 = 3 \times (x - 1)$ (d) $y - 2 = x - 1$	1
28.	What can be said regarding if a line if its slope is negative : (a) θ is an acute angle (b) θ is an obtuse angle (c) Either the line is x-axis or it is parallel to the x-axis. (d) None of these	1
29.	Two lines $a_1x + b_1y + c_1 = 0$ and $a_2x + b_2y + c_2 = 0$ are coincident if: (a) $a_1/a_2 = b_1/b_2 \neq c_1/c_2$ (b) $a_1/a_2 \neq b_1/b_2 = c_1/c_2$ (c) $a_1/a_2 \neq b_1/b_2 \neq c_1/c_2$ (d) $a_1/a_2 = b_1/b_2 = c_1/c_2$	1
30.	The slope of the line $ax + by + c = 0$ is : (a) a/b (b) $- a/b$ (c) $-c/b$ (d) c/b	1
31.	In a library 25 students are reading books of Physics, Chemistry and Mathematics. It was found that 15 students were reading Mathematics, 12 reading Physics and 11 reading Chemistry. 5 students reading both Mathematics and Chemistry, 9 students reading Physics and Mathematics. 4 students reading Physics and Chemistry and 3 students reading all three subjects. Based on the above information answer the following: (i) The number of students reading only Chemistry is: (a) 5 (b)4 (c) 2 (d) 1 (ii) The number of students reading only Mathematics is: (a) 4 (b) 3 (c) 5 (d) 11 (iii) The number of students reading only one of the subjects is: (a) 5 (b) 8 (c) 11 (d) 6 (iv) The number of students reading at least one of the subjects is: (a) 20 (b) 22 (c) 23 (d) 21 (v) The number of students reading none of the subjects is: (a) 2 (b) 4 (c) 3(d) 5	5
32.	The side of a given square is 10 cm. The mid-points of its sides are joined to form a new square. Again, the mid-point of the sides of this new square are joined to form another square. This process is continued indefinitely as shown in the figure.	5



Based on the above information, answer the following:

- (i) Find EF:
 (a) $8\sqrt{2}cm$ (b) $5\sqrt{2}cm$ (c) $3\sqrt{2}cm$ (d) $7\sqrt{2}cm$
- (ii) Find PQ:
 (a) 5 cm (b) 7 cm (c) 8 cm (d) 4 cm
- (iii) Write the formula, how to find sum of in finite GP?
 (a) $\frac{1-r}{a}, |r| < 1$ (b) $\frac{a}{1-r}, |r| < 1$ (c) $\frac{a(1-r^n)}{1-r}, |r| < 1$ (d) $\frac{a(r^n-1)}{r-1}, |r| > 1$
- (iv) The sum of the area (in cm^2) of the squares is:
 (a) 160 (b) 150 (c) 200 (d) 215
- (v) The sum of perimeter of the squares is:
 (a) $(80 + 40\sqrt{2})cm$ (b) $(30 + 10\sqrt{2})cm$ (c) $(70 + 40\sqrt{2})cm$ (d) $(75 + 40\sqrt{2})cm$



ARMY PUBLIC SCHOOL GWALIOR



CLASS -XI

ACADEMIC SESSION 2021-22

WORKSHEET (SELF –ASSESSMENT)

Subject: Biology

Assignment No. : 4

Allotment Date: 15 October 2021

SN	QUESTIONS	M
1.	All algae possess i. Chlorophyll a and b ii. Chlorophyll a and carotenes iii. Chlorophyll a and d iv. Chlorophyll b and carotenes	1
2.	In green algae meiosis occurs in i. Sporangia ii. Gametangia iii. Zoospore iv. Zygospore	1
3.	Viruses are i. Complete saprophytes ii. Partial saprophyte iii. Complete parasite iv. Partial parasite	1
4.	A system of classification which is based on ancestry of plants is called i. Natural system ii. Phylogenetic system iii. Homologous system iv. Analogous system	1
5	Organisms having characters of both animals and plants is i. Bacterium ii. Paramecium iii. Mycoplasma iv. Euglena	1
6.	The aleurone layer in maize grain is specially rich in i. Auxins ii. Protein iii. starch iv. Lipids	1
7.	Endosperm, a product of double fertilization in angiosperm is absent in the seed i. Wheat ii. Orchids iii. Maize iv. Castor	1
8.	Venation is a term used to describe the pattern of arrangement of i. Floral organs ii. Flower in inflorescence iii. Veins and veinlets in a lamina iv. All of them	1
9.	Number of segments in thorax of cockroach is i. Two ii. Three iii. Four iv. Several	1
10.	A stem modified into leafy structure is known as i. Phyllode ii. Phylloclade iii. tendril iv. Bulb	1
11	Drupe is recognize by i. Fleshy seed coat ii. Thin seed coat iii. Stony endocarp iv. Stony mesocarp	1

12.	A bisexual flower which never opens in its life span is called i. Homogamous iii. Dichogamous	ii. Heterogamous iv. Cleistogamous	1
13.	To which one of the following categories does adipose tissue belong? i. Epithelial iii. Muscular	ii. Connective iv. Neural	1
14.	Cytoplasm of one cell is continuous with that of the adjacent one through i. Pits iii. Endoplasmic reticulum	ii. Plasmodesmata iv. Middle lamella	1
15.	Golgi apparatus takes part in i. Protein synthesis iii. Carbohydrate synthesis	ii. Lipid synthesis iv. Oxidative phosphorylation	1
16.	Mitochondria are absent in i. Green algae iii. Red algae	ii. Bacteria iv. Brown algae	1
17.	Microtubules takes part in the i. Muscle contraction iii. DNA recognition	ii. Membrane architecture iv. Cell division	
18.	Systematics is the study of i. Diversity amongst groups of organisms iii. Identification and grouping of organisms	ii. Grouping of organisms iv. Nomenclature and classification	
19.	Which one has least similar characteristics i. Species iii. Family	ii. Genus iv. Class	
20.	Botanical gardens and zoological parks have i. Collection of endemic living species only ii. Collection of exotic living species only iii. Collection of endemic and exotic living species iv. Collection of only local plants and animals		
21.	The five kingdom classification is based on i. Complexity of cell structures iii. Mode of nutrition	ii. Complexity of organism's body iv. All of these	
22.	Organisms called methanogens are most abundant in a i. Hot spring iii. cattle yard	ii. Sulphur rock iv. Polluted stream	
23.	Maximum nutritional diversity is found in the group i. Fungi iii. Monera	ii. Animalia iv. Plantae	
24.	The motile bacteria are able to move by i. Cilia iii. Fimbriae	ii. Pili iv. Flagella	
25.	In Whittaker's classification, the unicellular organisms having various cell organelles constitute the kingdom i. Monera iii. Fungi	ii. Protista iv. Plantae	
26.	Agar is obtained from i. Gelidium iii. Porphyra	ii. Laminaria iv. Sargassum	
27.	A parasitic algae is i. Porphyra iii. Harveyella	ii. Ulothrix iv. Laminaria	
28.	Long hollow bones with interconnected air passages are characteristics of i. Reptiles iii. Mammals	ii. Aves iv. All land vertebrates	

29.	Anal styles are found in i. male cockroach iii. Female cockroach	ii. Male mosquito iv. Female mosquito	
30.	Dorsal portion of abdominal segments in cockroach is a i. Tergum iii. Both	ii. Sternum iv. None of these	
31.	Assertion: Nucleus controls metabolism as well as heredity Reason : There is usually a single nucleus in a cell i. A ii. B iii. C iv. D		
32.	Assertion: Nerve fibers in the CNS can regenerates after injury. Reason : They have around them neurilemma that brings about regeneration. i. A ii. B iii. C iv. D		
33.	Assertion: There is a vast diversity of living organism on Earth. Reason : To understand a diversity a system of classification is needed. i. A ii. B iii. C iv. D		
34.	Assertion: In prokaryotes the heredity material lies free in the cytoplasm. Reason : DNA of prokaryotic cell is not associated with histone protein. i. A ii. B iii. C iv. D		
35.	Assertion: Most of the red algae are marine. Reason : Red algae contains red pigment anthocyanin. i. A ii. B iii. C iv. D		
36.	Assertion: Coral reefs serve as stable marine ecosystem. Reason : These are formed by accumulation of debris. i. A ii. B iii. C iv. D		
37.	Assertion: Banana plant is a herb. Reason : Sheathing leaf base form a pseudostem in banana. i. A ii. B iii. C iv. D		
38.	Assertion: Urinary bladder is lined by transitional epithelium. Reason : Transition epithelium keeps the size of the bladder constant at all times. i. A ii. B iii. C iv. D		
39.	Assertion: In active transport the solute move against concentration gradient. Reason : Active transport stops, if the cells are deprived of oxygen. i. A ii. B iii. C iv. D		
40.	Assertion: Gymnosperms do not produce seeds. Reason : The ovules of gymnosperms are not enclosed within the ovaries. i. A ii. B iii. C iv. D		



ARMY PUBLIC SCHOOL GWALIOR

CLASS -XI



ACADEMIC SESSION 2021-22

WORKSHEET (SELF –ASSESSMENT)

Subject: Chemistry

Assignment No. : 4

Allotment Date: 15 October 2021

S.NO	QUESTIONS	MARKS
1	$(x) \text{MnO}_4^- + (y) \text{H}_2\text{O}_2 \rightarrow 2 \text{Mn}^{2+} + 5\text{H}_2\text{O} + 9\text{O}_2 + 2\text{e}^-$ In this reaction the value of (x) (a) 2, 5, 6 (b) 5, 2, 9 (c) 3, 5, 5 (d) 2, 6, 6	1
2	When KMnO_4 acts as an oxidising agent and ultimately forms MnO_4^{2-} , MnO_2 , Mn_2O_3 and Mn^{2+} then the no. of electrons transferred in each case respectively is (a) 4, 3, 1, 5 (b) 1, 5, 3, 7 (c) 1, 3, 4, 5 (d) 3, 5, 7, 1	1
3	The value of x & y in the following redox reaction- $x\text{Cl}_2 + 6\text{OH}^- \rightarrow \text{ClO}_3^- + y\text{Cl}^- + 3\text{H}_2\text{O}$ are (a) x = 2, y = 4 (b) x = 5, y = 3 (c) x = 3, y = 5 (d) x = 4, y = 2	1
4	Question 6. The oxidation state of chromium in $[\text{Cr}(\text{PPh}_3)(\text{CO})_3]$ is (a) +3 (b) +8 (c) Zero (d) +5	1
5	Which of the following is not a reducing agent? (a) SO_2 (b) H_2O_2 (c) CO_2 (d) NO_2^-	1
6	Number of moles of $\text{K}_2\text{Cr}_2\text{O}_7$ reduced by 1 mole of Sn^{2+} is (a) 16 (b) 13 (c) 23 (d) 1	1
7	For the redox reaction- $\text{MnO}_4^- + \text{C}_2\text{O}_4^{2-} + \text{H}^+ \rightarrow \text{Mn}^{2+} + \text{CO}_2 + \text{H}_2\text{O}$ correct stoichiometric coefficients of MnO_4^- , $\text{C}_2\text{O}_4^{2-}$, H^+ are (a) 2, 5, 16 (b) 16, 5, 2	1

	(c) 5, 11, 2 (d) 2, 16, 5	
8	The oxidation number of iron in Fe_3O_4 is (a) +2 (b) +3 (c) 8 (d) 2	1
9	Which is a redox reaction? (a) $\text{H}_2\text{SO}_4 + 2\text{NaOH} \rightarrow \text{Na}_2\text{SO}_4 + 2\text{H}_2\text{O}$ (b) $\text{BaCl}_2 + \text{H}_2\text{SO}_4 \rightarrow \text{BaSO}_4 + 2\text{HCl}$ (c) $\text{CH}_3\text{COOH} + \text{C}_2\text{H}_5\text{OH} \rightarrow \text{CH}_3\text{COOC}_2\text{H}_5 + \text{H}_2\text{O}$ (d) $2\text{FeCl}_3 + \text{SnCl}_2 \rightarrow 2\text{FeCl}_2 + \text{SnCl}_4$	1
10	A compound contains atoms of three elements -A, B & C. If the oxidation number of A is +2, B is +5 and that of C is -2 the possible formula of the compound is- (a) $\text{A}_3(\text{BC}_4)_2$ (b) $\text{A}_3(\text{B}_4\text{C})_2$ (c) ABC_2 (d) $\text{A}_3(\text{BC}_3)_2$	1
11	Oxidation number of sodium in sodium amalgam is (a) +1 (b) 0 (c) -1 (d) +2	1
12	Oxidation state of osmium (Os) in Os_5O_4 is (a) +7 (b) +6 (c) +4 (d) +8	1
13	Oxidation number of cobalt in $\text{K}[\text{Co}(\text{CO})_4]$ is (a) +1 (b) +3 (c) -1 (d) -3	1
14	The oxidation state of chromium in $\text{Cr}(\text{CO})_6$ is (a) 0 (b) +7 (c) -2 (d) +6	1
15	The reaction $3\text{ClO}^- (\text{aq}) \rightarrow \text{ClO}_3^- (\text{aq}) + 2\text{Cl}^- (\text{aq})$ is an example of- (a) Oxidation reaction (b) Reduction reaction (c) Disproportionation reaction (d) Decomposition reaction	1
16	Among the following, identify the species with an atom in +6 oxidation state: (a) MnO_4^- (b) $\text{Cr}(\text{CN})_6^{3-}$ (c) NiF_2 (d) CrO_2Cl_2	1
17	For the reaction: $\text{M}^{x+} + \text{MnO}_4^- \rightarrow \text{MO}_3 + \text{Mn}^{2+} + 2\text{H}_2\text{O}$ if one mole of MnO_4^- oxidised 1.67 moles of M^{x+} to MO_3 , then the value of x in the reaction will be (a) 5 (b) 3 (c) 2 (d) 1	1
18	The oxidation number of sulphur in S_8 , S_2F_2 , H_2S respectively are (a) 0, +1, -2 (b) +2, +1, -2 (c) 0, +1, +2 (d) -2, +1, -2	1
19	A chemical reaction involving is known as oxidation.	1
20	The algebraic sum of the oxidation number of all the atoms in a compound must be	1

	
21	In all its compounds, fluorine has an oxidation number of	1
22	In LiH, NaH and CaH ₂ , the oxidation no. of Hydrogen is	1
23	In oxygen difluoride (OF ₂) the oxidation number of oxygen is	1
24	Na ⁺ has an oxidation number of	1
25	Each atom in H ₂ , O ₂ , Cl ₂ , O ₃ , P ₄ , S ₈ , Na, Mg, Al has the oxidation number	1
26	The standard electrode potential (E°) of hydrogen electrode is volts.	1
27	The oxidation state of hydrogen in metal hydride is	1
28	The oxidation number of oxygen in a water molecules is	1
29	What is known as Autooxidation? (a) Formation of H ₂ O by the oxidation of H ₂ O ₂ . (b) Formation of H ₂ O ₂ by the oxidation of H ₂ O. (c) Both (1) and (2) are true (d) None of the above	1
30	The tendency of an electrode to lose electrons is known as (a) Electrode Potential (b) Reduction Potential (c) Oxidation Potential (d) E.M.F.	1
31	The freezing point of heavy water is (a) 0°C (b) 3.8°C (c) 4°C (d) 1°C	1
32	Which of the following hydrides are generally nonstoichiometric in nature? (a) Ionic Hydrides (b) Molecular Hydrides (c) Interstitial Hydrides (d) All of the Above	1
33	Water shows anomalous behavior between (a) 0 to 4°C (b) 0 to 5°C (c) 0 to -4°C (d) 4 to 0°C	1
34	Which of the following statements regarding hydrogen peroxide is/ are incorrect? (a) As aerating agent in production of sponge rubber (b) As an antichlor (c) For restoring white colour of blackened lead painting (d) All of the above	1
35	Atomic hydrogen is called (a) Protium (b) Deuterium (c) Nascent Hydrogen (d) Tritium	1
36	Water gas is mixture of hydrogen H ₂ and (a) CO (b) CO ₂ (c) Cl ₂ (d) SO ₂	1
37	Hydrogen has isotopes (a) 2 (b) 3 (c) 4 (d) 5	1
38	Hydrogen is the most abundant element on earth after..... (a) Oxygen (b) Carbon (c) Sulphur (d) None of the Above	1
39	Hydrogen is a good _____ agent. (a) Oxidizing	1

	(b) Reducing (c) Acidic (d) Basic	
40	Hydrogen is most _____ element in the universe. (a) Abundant (b) None (c) Both (d) Consumer	1



ARMY PUBLIC SCHOOL GWALIOR

CLASS -XI

ACADEMIC SESSION 2021-22

WORKSHEET (SELF –ASSESSMENT)



Subject: Physics

Assignment No. : 4

Allotment Date: 15 October 2021

S.No	QUESTIONS	MARKS
1	The number of significant figures in 0.06900 is (a) 5 (b) 4 (c) 2 (d) 3	1
2	The numbers 2.745 and 2.735 on rounding off to 3 significant figures will give (a) 2.75 and 2.74 (b) 2.74 and 2.73 (c) 2.75 and 2.73 (d) 2.74 and 2.74	1
3	Which of the following pairs of physical quantities does not have same dimensional formula? (a) Work and torque. (b) Angular momentum and Planck's constant. (c) Tension and surface tension. (d) Impulse and linear momentum	1
4	Which of the following measurements is most precise? (a) 5.00mm (b) 5.00cm (c) 5.00m (d) 5.00 km.	1
5	1. On the basis of dimensions, decide which of the following relations for the displacement of a particle under going simple harmonic motion is not correct:	1

	<p>(a) $y = a \sin 2\pi t / T$</p> <p>(b) $y = a \sin vt.$</p> <p>(c) $y = \frac{a}{T} \sin\left(\frac{t}{a}\right)$</p> <p>(d) $y = a\sqrt{2} \left(\sin \frac{2\pi t}{T} - \cos \frac{2\pi t}{T} \right)$</p>	
6	<p>If P,Q,R are physical quantities, having different dimensions, which of the following combinations can never be a meaningful quantity?</p> <p>(a) $(P-Q)/R$</p> <p>(b) $PQ-R$</p> <p>(c) PQ/R</p> <p>(d) $(PR-Q^2)/R$</p> <p>(e) $(R+Q)/P$</p>	1
7	<p>Photon is quantum of radiation with energy $E = hv$ where v is frequency and h is Planck's constant. The dimensions of h are the same as that of</p> <p>(a) Linear impulse</p> <p>(b) Angular impulse</p> <p>(c) Linear momentum</p> <p>(d) Angular momentum</p>	1
8	<p>If Planck's constant (h) and speed of light in vacuum (c) are taken as two fundamental quantities, which one of the following can, in addition, be taken to express length, mass and time in terms of the three chosen fundamental quantities?</p> <p>(a) Mass of electron (m_e)</p> <p>(b) Universal gravitational constant(G)</p> <p>(c) Charge of electron(e)</p> <p>(d) Mass of proton (m_p)</p>	1
9	<p>Which of the following ratios express pressure?</p> <p>(a) Force/Area</p> <p>(b) Energy/Volume</p> <p>(c) Energy/Area</p> <p>(d) Force/Volume</p>	1
10	<p>The length and breadth of a rectangular sheet are 16.2 cm and 10.1cm, respectively. The area of the sheet in appropriate significant figures and error is</p> <p>(a) $164 \pm 3 \text{cm}^2$</p> <p>(b) $163.62 \pm 2.6 \text{cm}^2$</p> <p>(c) $163.6 \pm 2.6 \text{cm}^2$</p> <p>(d) $163.62 \pm 3 \text{cm}^2$</p>	1
11	<p>Which of the following pairs of physical quantities does not have same dimensional formula?</p> <p>(a) Work and torque.</p> <p>(b) Angular momentum and Planck's constant.</p> <p>(c) Tension and surface tension.</p> <p>(d) Impulse and linear momentum.</p>	1
12	<p>The mean length of an object is 5 cm. Which of the following measurements is most accurate?</p>	1

	<p>(a) 4.9 cm (b) 4.805 cm (c) 5.25 cm (d) 5.4 cm</p>	
13	<p>Young's modulus of steel is $1.9 \times 10^{11} \text{ N/m}^2$. When expressed in CGS unit of dynes/cm², it will be equal to ($1 \text{ N} = 10^5 \text{ dyne}$, $1 \text{ m}^2 = 10^4 \text{ cm}^2$)</p> <p>(a) 1.9×10^{10} (b) 1.9×10^{11} (c) 1.9×10^{12} (d) 1.9×10^{13}</p>	1
14	<p>The multiplication of 10.610 with 0.210 up to correct number of significant figure is</p> <p>(A) 2.2281 (B) 2.228 (C) 2.22 (D) 2.2</p>	1
15	<p>The measurement of radius of a circle has error of 1%. The error in measurement of its area is</p> <p>(A) 1% (B) 2% (C) 3% (D) none of these</p>	1
16	<p>Dimensional formula of latent heat</p> <p>(A) $M^0 L^2 T^{-2}$ (B) MLT^{-2} (C) $ML^2 T^{-2}$ (D) $ML^2 T^{-2}$</p>	1
17	<p>In case of measurement of 'g', if error in measurement of length of pendulum is 2%, the percentage error in time period is 1%. The maximum error in measurement of g is</p> <p>(A) 1% (B) 2% (C) 4% d) no error.</p>	1
18	<p>If length of pendulum is increased by 2%. The time period will</p> <p>(A) increases by 1% (B) decreases by 1% (C) increases by 2% (D) decreases by 2%</p>	1
19	<p>1. If radian correction is not considered in specific heat measurement. The measured value of specific heat will be</p> <p>(A) more than its actual value. (B) less than its actual value. (C) remains same as actual value. (D) none of these.</p>	1
20	<p>1. The S.I. unit of universal gas constant is</p>	1

	<p>(A) Watt K-1mol-1 (B) N K-1mol-1 (C) JK-1mol-1 (D) erg K-1mol-1</p>	
21	<p>The numerical ratio of displacement to distance is:</p> <p>a).Always less than 1. b).Always equal to1 c).Always more than 1. d).Equal to or less than</p>	1
22	<p>If the displacement of a body is proportional to square of time then:</p> <p>a)The body moves with uniform velocity. b)The body moves with uniform acceleration. c) The body moves with increasing acceleration. d) The body moves with decreasing acceleration.</p>	1
23	<p>A body moves with uniform velocity, it's acceleration is:</p> <p>a)Zero b) Finite c)Infinite d) Negative</p>	1
24	<p>An automobile traveling with a speed of 60km/ hr can brake to stop within adistanceof20m.If the car is going twice as fast, i.e., 120km / hr, the stopping distance will be:</p> <p>a) 2 0 b) 4 0 c</p>	1

	<p>)</p> <p>6</p> <p>0</p> <p>d</p> <p>)</p> <p>8</p> <p>0</p>	
25	<p>A ball is released from the top of a tower of eight h meters. It takes T seconds to reach the ground. What's the position of the ball in T /3seconds?</p> <p>A)h/9m from the ground</p> <p>b)7h/9m from the ground</p> <p>c)8h/9m from the ground</p> <p>d) 17h/18 m from the ground</p>	1
26	<p>Two vectors of the same physical quantity are equal if</p> <p>a. They have same magnitude and the same direction</p> <p>b. They have different magnitudes but same direction</p> <p>c. They have same magnitude but different directions.</p> <p>d) they have different magnitude and different</p>	1
27	<p>In the given diagram. R is the resultant of A and B. Then $R=B/\sqrt{2}$,valueofangle θ is</p> <p>a.30°</p> <p>b. 45°</p> <p>c.60°</p> <p>d. 75°</p>	1
28	<p>If the magnitude of sum of two vectors is equal to magnitude of difference of two vectors, the angle between these two vectors is</p> <p>a.90°</p> <p>b. 180°</p> <p>c.360°</p> <p>d. 0°</p>	1
29	<p>A car starting from rest at a constant acceleration covers a distance 's' in time interval 't'. It covers a distance s_2 in the</p>	1

	<p>next time interval at the same acceleration. The statement which is true is</p> <p>a) $S_2 = S_1$ b) $S_2 = 2S_1$ c) $S_2 = 3 S_1$ d) $S_2 = 4 S_1$</p>	
30	<p>Vectors can be added, subtracted and multiplied by</p> <p>a. Ordinary laws of algebra b. Graphical representation only c. Laws of vectors d. It is not possible to do mathematical operations on vectors</p>	1
31	<p>1. A boat moves from a point $A(4\hat{i}+5\hat{j})$ to another point across the river. The new position of the boat is given by $B(-7\hat{i}-9\hat{j})$. The displacement vector is given by_____.</p> <p>a. $11\hat{i}+14\hat{j}$ b. $-11\hat{i}-14\hat{j}$ c. $-11\hat{i} +14\hat{j}$ d. $11\hat{i} -14\hat{j}$</p>	1
32	<p>A body is projected horizontally from appoint above the ground. The motion of the body is given by the equations $x = 2t$ and $y = 5t^2$ where x and y are horizontal and vertical displacements in mat time t. The trajectory of the body is_____.</p> <p>a. A straight line b. A circle c. An ellipse d. A parabola</p>	1
33	<p>The numerical ratio of displacement to distance is:</p> <p>a). Always less than 1. b). Always equalto1. c). Always more than 1. d). Equal to or less than</p>	1
34	<p>Scalar is specified by number and units. Here the number represents its</p> <p>a. Direction b. Magnitude c. Quantity d Location</p>	1

35	<p>Vectors which are having equal or unequal magnitudes and are acting along parallel straight lines are,</p> <p>a. Coplanar vectors b. Collinear vectors c. co-initial vectors d. localized vectors</p>	1
36	<p>The ratio of the radii of gyration of a circular disc and a circular ring of the same mass and radii about a tangential axis parallel to their planes is</p> <p>(A) $\sqrt{6} : \sqrt{5}$ (B) $1 : \sqrt{2}$ (C) $\sqrt{5} : \sqrt{6}$ (D) none of these</p>	1
37	<p>A wheel of mass 2 kg having practically all the mass concentrated along the circumference of a circle of radius 20 cm, is rotating on its axis with an angular velocity of 100 rad/s. The rotational kinetic energy of the wheel is</p> <p>(A) 4 J (B) 70 J (C) 400 J (D) 800 J</p>	1
38	<p>1. A rod of length L is hinged from one end. It is brought to a horizontal position and released. The angular velocity of the rod when it is in vertical position is</p> <p>(A) $\sqrt{2g/L}$ (B) $\sqrt{3g/L}$ (C) $\sqrt{g/2L}$ (D) $\sqrt{g/L}$</p>	1
39	<p>If a solid sphere, disc and cylinder are allowed to roll down an inclined plane from the same height</p> <p>(A) Cylinder will reach the bottom first (B) Disc will reach the bottom first (C) Sphere will reach the bottom first</p>	1

	(D) All will reach the bottom at the same time	
40	<p>A uniform solid circular cylinder of radius r is placed on a rough horizontal surface and given a linear velocity $v = 2\omega_0 r$ and angular velocity ω_0 as shown in the figure. The speed of cylinder when it starts rolling</p> <p>(A) $5/2\omega_0 R$</p> <p>(B) $3/2\omega_0 R$</p> <p>(C) $5/3\omega_0 R$</p> <p>(D) $2/3\omega_0 R$</p>	1



ARMY PUBLIC SCHOOL GWALIOR
CLASS -XI



ACADEMIC SESSION 2021-22
WORKSHEET (SELF –ASSESSMENT)

Subject: Accountancy

Assignment No. : 4

Allotment Date: 15 October 2021

S. NO.	QUESTIONS	MARKS
	Multiple Choice questions:	
1.	Which of the following is not recorded in the books of Accounts? a) Purchase of goods b) Sale of assets c) Selection of staff d) Expenses of firm	1
2.	Which of the following is not a current liability? a) Salary Outstanding b) Bills Payable c) Creditors d) Bank Loan	1
3.	Earning of an enterprise from its operating activities is known as: a) Gross profit b) Gain c) Profit d) Net Profit	1
4.	At present, market price of the fixed assets of the company is very high as compared to the book value and directors are interested to show the fixed assets in accounts at their current market price. Which accounting principle is violated in above situation: a) Materiality concept b) Historical cost concept c) Realisation concept d) Accrual concept	1
5.	Stock of pencil, pen, eraser and ink pot is not shown as asset rather these are shown as revenue expenditure based on: a) Materiality principle b) Principle of Prudence c) Historical cost principle d) Matching principle	1
6.	Under Accrual basis of Accounting expenses are recorded a) On payment	1

	<ul style="list-style-type: none"> b) On being incurred c) Either (a) and (b) d) None of these 	
7.	<p>On 1st April, 2020, Mohan started business with a capital of Rs.2,00,000 and a loan of Rs.50,000 borrowed from a friend . during 2020-21, he earned profit of Rs.50,000 on 31st March, 2021, the total assets were Rs. 600,000. calculate the amount of external liabilities.</p> <ul style="list-style-type: none"> a) 3,00,000 b) 3,50,000 c) 2,50,000 d) None of the above 	1
8.	<p>Voucher is prepared for</p> <ul style="list-style-type: none"> a) Cash and credit purchases b) Cash and credit sales c) Cash received and paid d) All of these 	1
9.	<p>Cash memo is</p> <ul style="list-style-type: none"> a) A source voucher b) An accounting voucher c) Neither (a) nor (b) d) Both (a) and (b) 	1
10.	<p>Salary outstanding A/c is a :</p> <ul style="list-style-type: none"> a) Nominal A/c b) Real A/c c) Impersonal A/c d) Representative Personal A/c 	1
11.	<p>Goods lost by fire costing Rs.10,000 (Market Value Rs.12,000) will be credited to:</p> <ul style="list-style-type: none"> a) Sales A/c Rs.10,000 b) Purchases A/c Rs.10,000 c) Sales A/c Rs.12,000 d) Purchases A/c Rs.12,000 	1
12.	<p>Goods costing Rs.8,000 was sold to Mohan at a profit of 20% on sales price less trade discount of 10%. sales A/c will be credited by:</p> <ul style="list-style-type: none"> a) Rs.10,000 b) Rs.9,600 c) Rs.9,000 d) Rs.8,640 	1
13.	<p>If Bad Debt of Rs.2,000 from Ram during last year is recorded now. It will be credited to:</p> <ul style="list-style-type: none"> a) Bad Debt A/c b) Ram c) Profit & Loss A/c d) Bad Debt Recovery A/c 	1
14.	<p>Sold goods to Ram of list price Rs.10,000 @10% trade discount and 2% cash discount. Posting in Discount A/c will be:</p> <ul style="list-style-type: none"> a) Rs.1,000 b) Rs.1,200 c) Rs.200 d) Rs.180 	1
15.	<p>Bank column of Cash Book may havebalance.</p> <ul style="list-style-type: none"> a) Debit b) Credit c) Either debit or credit d) Neither debit or credit 	1
16.	<p>Which of the following is not a contra entry?</p>	1

	<ul style="list-style-type: none"> a) Cash withdrawn from bank b) Cash deposited in bank c) Cheque deposited in bank d) Both (a) and (b) 										
17.	<p>In Journal proper, we record: .</p> <ul style="list-style-type: none"> a) All cash transactions b) All credit transactions c) Transactions which are not recorded in purchase book and sales book. d) Transactions which are not recorded in any subsidiary book. 	1									
18.	<p>Plant purchased against cheque will be recorded in :</p> <ul style="list-style-type: none"> a) Purchase book b) Journal proper c) Cash book d) Balance sheet 	1									
19.	<p>Furniture purchased by Rama Stationers on credit of 1 month will be recorded in:</p> <ul style="list-style-type: none"> a) Purchases book b) Cash book c) Journal proper d) Petty cash book 	1									
20.	<p>Debit note is prepared to record:</p> <ul style="list-style-type: none"> a) Sale of goods b) Purchase of goods c) Purchases return of goods d) Sales return of goods 	1									
Match the columns											
21.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">A</th> <th style="width: 50%;">B</th> </tr> </thead> <tbody> <tr> <td>i. Researcher</td> <td>a. To know regularity of repayment of loan</td> </tr> <tr> <td>ii. Financial Institutions</td> <td>b. To evaluate the earning prospect of the company</td> </tr> <tr> <td>iii. Investors</td> <td>c, to make inter firm and intra firm comparisons</td> </tr> </tbody> </table> <p>c) i (a); ii (c); iii (b) d) i (c); ii (a); iii (b)</p>	A	B	i. Researcher	a. To know regularity of repayment of loan	ii. Financial Institutions	b. To evaluate the earning prospect of the company	iii. Investors	c, to make inter firm and intra firm comparisons	<p>a) i (c); ii (b);iii (a) b) i (b); ii (a); iii (c)</p>	1
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A	B									
i. Debited	a. increase in capital									
ii. Credited	b. Purchase of assets									
	c. Order received for supply of goods									
	State whether the following statements are True or False									
25.	Assets in the Balance Sheet are shown at their original cost thus Balance Sheet does not reveal true financial position of the business entity.	1								
26.	Solvent is a person or business entity which is not in position to pay its debts.	1								
27.	Accounting Standard are guidelines providing the framework so that credible Financial Statements are prepared.	1								
28.	Difference between Total Assets and External liabilities is Net Worth.	1								
29.	Credit voucher is a document for having deposit made in the bank.	1								
30.	Petty Cash Book has two sides. Left side is used to record payment of petty expenses and right side is used to record to receipt of cash.	1								
	Assertion Reason Questions									
31.	<p data-bbox="181 1798 1313 1868">The following question consist of two statements, one labelled as the ‘Assertion (A)’ and the other as ‘Reason (R)’.</p> <p data-bbox="236 1868 1294 1937">(A) Reliability means that users of accounting information must be able to depend and rely on the information.</p> <p data-bbox="236 1937 1326 2007">(R) Reliability is possible only when Accounting is free fro error and personal biasness.</p> <p data-bbox="181 2007 1273 2049">In the context of the above statements, which one of the following is correct?</p> <p data-bbox="181 2085 1284 2195"> (a) Both A and are individually true and R is the correct explanation of A (b) Both A and R are individually true but R is not the correct explanation of A (c) A is true but R is false </p>	1								

	(d) A is false but R is true	
32.	<p>The following question consist of two statements, one labelled as the 'Assertion (A)' and the other as 'Reason (R)'.</p> <p>(A) The cost paid for the purchase of assets is verifiable from the cost record.</p> <p>(R) It is difficult of determine the market price of an asset. The valuation of Asset will vary person to person/ Asset will vary person to person/</p> <p>In the context of the above statements, which one of the following is correct?</p> <p>(a) Both A and are individually true and R is the correct explanation of A (b) Both A and R are individually true but R is not the correct explanation of A (c) A is true but R is false (d) A and R both are true</p>	1
33.	<p>The following question consist of two statements, one labelled as the 'Assertion (A)' and the other as 'Reason (R)'.</p> <p>(A) Debit note is prepared and sent by the buyer of the goods to the seller of goods.</p> <p>(R) Debit note states that Account of the seller has been credited by the buyer of the goods with specified amount.</p> <p>In the context of the above statements, which one of the following is correct?</p> <p>(a) Both A and are individually true and R is the correct explanation of A (b) Both A and R are individually true but R is not the correct explanation of A (c) A is true but R is false (d) A and R both are true</p>	1
34.	<p>The following question consist of two statements, one labelled as the 'Assertion (A)' and the other as 'Reason (R)'.</p> <p>(A) Cash Book is a book of prime entry.</p> <p>(R) All the cash and bank transactions of receipts and payment are recorded date wise in this book.</p> <p>In the context of the above statements, which one of the following is correct?</p> <p>(a) Both A and are individually true and R is the correct explanation of A (b) Both A and R are individually true but R is not the correct explanation of A (c) A is true but R is false (d) A and R both are true</p>	1
	Fill in the blanks	
35.	<p>Accounting is the of recording, classifying and summarizing business transactions.</p> <p>a) Science b) Art</p>	1
36.	<p>.....Principle requires that same accounting methods be used year after year.</p> <p>a) Accounting Period b) Consistency</p>	1
37.	<p>Cash basis of Accounting is not recognised by.....</p> <p>a) Partnership Act 1932 b) Companies Act 2013</p>	1
38.	<p>Profit increases the capital so it is to be</p> <p>a) Credited b) Debited</p>	1
39.	<p>Debit what comes</p> <p>a) In b) Out</p>	1

40. Process of recording transactions in the ledger is called.....

- a) Entry
- b) Posting

1



ARMY PUBLIC SCHOOL GWALIOR
CLASS -XI



ACADEMIC SESSION 2021-22
WORKSHEET (SELF –ASSESSMENT)

Subject: Business Studies

Assignment No. : 4

Allotment Date: 15 October 2021

S. No	Question	Marks
1.	Which of the broad categories of industries covers oil refinery and Sugar mills? a) Primary b) Secondary c) Tertiary d) none of them	1
2.	Which of the following can not be classified as an auxiliary to trade? a) Mining b) Insurance c) Warehousing d) farming	1
3.	Which of the following can not be classified as an objective of business? a) Investment b) Growth c) Saving d) profit earning	1
4.	Commerce includes: a) business and trade b) business and industry c) trade and aids to trade d) none of these	1
5.	Every partner acts in the capacity of: a) An agent as well as a principal b) Only agent of the firm c) Only principal of the firm d) None of the these	1
6.	It is possible to maintain 100% secrecy and confidentiality in the following form of business: a) Sole proprietorship b) Partnership c) Joint stock company d) Joint hindu family business	1
7.	Application for approval of name of a company is to be made to: a) SEBI b) Registrar of companies	1

	c) Registrar of firms d) State government	
8.	A minor can be admitted to the benefits of an already existing partnership firm: a) With the consent of managing partner b) With the consent of all existing partners c) With the consent of court d) None of the above	1
9.	Qualification shares are subscribed by which of the following persons of company. a) Auditors b) Director c) Bankers d) Employees	1
10.	Minimum no. of adult required in a Cooperative Society. a) 2 b) 5 c) 7 d) 10	1
11.	Which is not a limitation of Departmental Undertaking? a) Lack of flexibility b) Red Tapism c) Theoretical Autonomy d) Delay in decision making	1
12.	In case of Government Company of India, shares are bought in the name of : a) Prime Minister b) Managing Director pf Company c) President of India d) None of the above	1
13.	Maximum degree of autonomy is enjoyed by the: a) Government Company b) Statutory Corporation c) Departmental Undertaking d) None of these	1
14.	Which of the following is also known as contract of Assurance? a) Marine Insurance b) Life insurance c) Health Insurance d) Fire Insurance	1
15.	Which bank service permits withdrawal of money more than the balance in the account? a) Savings Account b) Banker's Cheque c) Bank Overdraft d) Fixed Deposit Account	1
16.	Which of the following permits that the Remitting customer gets the money back if it is not credited to beneficiary's account: a) Cash credit b) RTGS c) Pay order d) NEFT	1
17.	Which of the following is not a merit of e-business. a) Ease of formation and lower investment requirements b) Global reach c) More opportunity for inter personal touch d) Movement towards a paperless society	1
18.	Which of the following is not a feature of Traditional business: a) Difficult to form b) Involves high cost of setting	1

	c) More chance of going global d) Semi skilled and unskilled manpower	
19.	'To adopt fair trade policies and practices' it is an example of responsibility of business towards which of the following. a) Owners b) Workers c) Government d) Consumers	1
20.	Which is a main reason to justify the need for pollution control by business enterprises: a) Reduction of health hazards b) Cost saving c) Improved public image d) All of the above	1
	Assertion Reason Questions:	
21.	The following question consist of two statements, one labelled as the 'Assertion (A)' and the other as 'Reason (R)'. (A)A nominal partner is one who allows the use of his name and goodwill for the benefit of the firm and can be represented as a partner.(R) However he does not bear unlimited liability of the firm. In the context of the above statements, which one of the following is correct? (a) Both A and R are individually true and R is the correct explanation of A (b) Both A and R are individually 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
22.	The following question consist of two statements, one labelled as the 'Assertion (A)' and the other as 'Reason (R)'. (A)Departmental Undertakings are able to take benefits of business opportunities. (R) Departmental Undertaking do not undertake risky ventures due to bureaucrat's over cautious and conservative approach. In the context of the above statements, which one of the following is correct? (a) Both A and R are individually true and R is the correct explanation of A (b) Both A and R are individually 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
23.	The following question consist of two statements, one labelled as the 'Assertion (A)' and the other as 'Reason (R)'. (A)In case of fire insurance, insurable interest must be present at the time of taking the policy as well as at the time of loss. (R) Fire must be proximate cause of damage or loss in a fire insurance policy. In the context of the above statements, which one of the following is correct? (a) Both A and R are individually true and R is the correct explanation of A (b) Both A and R are individually 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
24.	The following question consist of two statements, one labelled as the 'Assertion (A)' and the other as 'Reason (R)'. (A)Land pollution is caused due to dumping of toxic wastes on land. (R) It degrades the quality of land and makes it unfit for agriculture or plantation.In the context of the above statements, which one of the following is correct? a) Both A and R are individually true and R is the correct explanation of A b) Both A and R are individually 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
	State whether the following statements are True or False :	

25.	All business risks are insurable.	1										
26.	Mitakashara System of Joint Hindu Family Business allows both male and female member to be co-parceners .	1										
27.	Employees of Departmental Undertaking are accountable to the concerned Minister, who is ultimately responsible to the parliament.	1										
28.	In a life insurance policy , the element of risk is uncertain.	1										
29.	C2C enables formation of consumer forums through which an aggrieved customer can share his experience about a product and warn other customer not to buy such products in which he was cheated.	1										
30.	Business enterprise is considered not only an economic institution but also a social institution.	1										
Fill in the blanks												
31.	People engaged in business earn income in the form of (a) Money (b) profit	1										
32.	A public limited company may adopt.....of the Companies Act instead of filing Articles. a) Table A b) Table F	1										
33.	Strategic industries like atomic power and defense work as a) Departmental Undertaking b) Statutory Corporation	1										
34.interlink the saving account with a fixed deposit account. a) Recurring deposit account b) Multiple option deposit account	1										
35.	There is less opportunity of interpersonal touch in case of..... a) e- Business b) Traditional business	1										
36.	Social Responsibility isthan legal responsibility. a) Broader b) Narrower	1										
Match the columns												
37.	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">A</th> <th style="width: 50%;">B</th> </tr> </thead> <tbody> <tr> <td>i. Advertising</td> <td>a. Hindrances of persons</td> </tr> <tr> <td>ii. Warehousing</td> <td>b. Hindrances of place</td> </tr> <tr> <td>iii. Trade</td> <td>c. Hindrance of time</td> </tr> <tr> <td>iv. Transport</td> <td>d. Hindrance of information</td> </tr> </tbody> </table> <p>a) i. (d); ii. (c); iii. (a); iv (b) b) i. (c); ii. (d); iii. (a); iv (b) c) i. (d); ii. (c); iii. (b); iv (a) d) i. (d); ii. (a); iii. (c); iv (b)</p>	A	B	i. Advertising	a. Hindrances of persons	ii. Warehousing	b. Hindrances of place	iii. Trade	c. Hindrance of time	iv. Transport	d. Hindrance of information	1
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ARMY PUBLIC SCHOOL GWALIOR
CLASS -XI



ACADEMIC SESSION 2021-22
WORKSHEET (SELF –ASSESSMENT)

Subject: Economics

Assignment No. : 4

Allotment Date: 15 October 2021

S. NO.	QUESTIONS	MARKS
1	First step of presentation of data is: (a) Categorisation (b) Tabulation (c) Both (a) and (b) (d) None of these.	1
2	Which should be kept in mind while making tables: (a) Correct size (b) Correct measurement of unit (c) Correct unit (d) All of these.	1
3	When data is categorised according to time it is calleddata. (Chronological/Special)	1
4	Presentation of data in the form of table is calledPresentation. (Tabulation/Textual)	1
5	Bar diagram is a diagram. (Unit/ Amount)	1
6	. In how many years population calculation is done in India?	1
7	What is the other name of Pie diagram?	1

8	What is bivariate frequency distribution?	1
9	What is sample?	1
10	What is Random sampling?	1
11	The most common measurement of central tendency is: (a) Median (b) Multiple (c) Mean (d) Weighted mean.	1
12	Division of one column in ten equal parts is called: (a) Decile (b) Quartile (c) Percentile (d) None.	1
13	Base year is: (a) Comparison year (b) Present year (c) Any year (d) One year previous to present year.	1
14	The value which divides the column into more than two parts is called ____ .	1
15 is the difference between maximum and minimum value.	1
16	Cumulative frequency shows “less than” or “more than” of any sequence. State True/False	1
17	5 is the mode of the numbers 3, 4, 3, 5, 5, 3, 2.	1
18	Range is found by adding highest value and smallest value.	1
19	. High income leads high savings.	1
20	What is measure of central tendency?	1
21	Define Arithmetic mean?	1
22	Find out mode from the following data: 7, 12, 8, 5, 9, 10, 9, 11, 96	1
23	Write the formula of weighted arithmetic mean?	1

24	<p>A numerical value used as a summary measure for a sample, such as a sample mean, is known as a</p> <p>(a) Population Parameter (b) Sample Parameter (c) Sample Statistic (d) Population Mean</p>	1
25	<p>. Individual respondents, focus groups, and panels of respondents are categorised as</p> <p>(a) Primary Data Sources (b) Secondary Data Sources (c) Itemized Data Sources (d) Pointed Data Sources</p>	1
26	<p>The variables whose calculation is done according to the height, length, and weight are categorised as</p> <p>(a) Discrete Variables (b) Flowchart Variables (c) Measuring Variables (d) Continuous Variables</p>	1
27	<p>A method used to examine inflation rate anticipation, unemployment rate, and capacity utilization to produce products is classified as</p> <p>(a) Data Exporting Technique (b) Data Importing Technique (c) Forecasting Technique (d) Data Supplying Technique</p>	1
28	<p>Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below:</p> <p style="text-align: right;">Assertion (A): In original table, data are presented in the same form and manner in which they are collected.</p> <p>Reason (R): a complex table shows more than one characteristic of the data. Alternatives:</p> <p>(a) Both assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A) (b) Both assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A) (c) Assertion (A) is true but Reason (R) is false (d) Assertion (A) is false but Reason (R) is true</p>	1
29	<p>Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below:</p> <p style="text-align: right;">Assertion (A): Stubs are titles of the columns of a table.</p> <p>Reason (R): Head note completes the information in the title of the table. Alternatives:</p> <p>(a) Both assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A) (b) Both assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A) (c) Assertion (A) is true but Reason (R) is false (d) Assertion (A) is false but Reason (R) is true</p>	1
30	<p>Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below:</p> <p style="text-align: right;">Assertion (A): In bar diagrams, data are presented in the form of bars or rectangles.</p> <p>Reason (R): Pie diagrams show absolute values. Alternatives:</p> <p>(a) Both assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A) (b) Both assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A) (c) Assertion (A) is true but Reason (R) is false (d) Assertion (A) is false but Reason (R) is true</p>	1

	false but Reason (R) is true	
31	<p>Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below:</p> <p>Histograms and bar diagrams are different from each other. Assertion (A): Histograms are two-dimensional diagrams. Reason (R): Bar diagrams are two-dimensional diagrams.</p> <p>Alternatives: (a) Both assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A) (b) Both assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A) (c) Assertion (A) is true but Reason (R) is false (d) Assertion (A) is false but Reason (R) is true</p>	1
32	<p>Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below:</p> <p>Arithmetic line-graph are constructed to present time series data. Assertion (A): The line going upward or downward on a graph paper is called ordinate. Reason (R):</p> <p>Alternatives: (a) Both assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A) (b) Both assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A) (c) Assertion (A) is true but Reason (R) is false (d) Assertion (A) is false but Reason (R) is true</p>	1
33	<p>Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below:</p> <p>Arithmetic mean is a stable measure of central tendency. Assertion (A): Reason (R): Change in the sample of a series have minimum effect on the arithmetic average.</p> <p>Alternatives: (a) Both assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A) (b) Both assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A) (c) Assertion (A) is true but Reason (R) is false (d) Assertion (A) is false but Reason (R) is true</p>	1
34	<p>Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below:</p> <p>Graphically, the median value lies where the cumulative frequency curve is cut by the perpendicular corresponding to the Y-axis. Assertion (A): Reason (R): Median is free from the effect of extreme values of the series.</p> <p>Alternatives: (a) Both assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A) (b) Both assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A) (c) Assertion (A) is true but Reason (R) is false (d) Assertion (A) is false but Reason (R) is true</p>	1
35	<p>Read the following statements- Assertion (A) and Reason (R). Choose one of the correct alternatives given below:</p> <p>the best representative value of all items of the series.. Assertion (A): Mode is Reason (R): Modal value is that value which occurs most frequently in the series.</p> <p>Alternatives: (a) Both assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A) (b) Both assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A) (c) Assertion (A) is true but Reason (R) is false (d) Assertion (A) is false but Reason (R) is true</p>	1

	false but Reason (R) is true	
36	Arithmetic mean of these items 5,7,9,15,20 is: (a) 10 (b) 10.2 (c) 11.2 12 (d)	1
37	Assumed mean is taken in which method? (a) Direct method (b) Assumed mean method (c) Step-deviation method (d) Karl Pearson's method	1
38	If each item of a series is increased by some constant, then the mean also ___ by the same constant. (increase / decrease). Choose appropriate word and fill in the blank.	1
39	Inspection method to find out mode is possible only when there is ___ in the series. (homogeneity / irregularity). Choose appropriate word and fill in the blank.	1
40	Median is that value of a variable which divides the group into two ___ parts (equal / unequal). Choose appropriate word and fill in the blank.	1



ARMY PUBLIC SCHOOL GWALIOR
CLASS -XI



ACADEMIC SESSION 2021-22
WORKSHEET (SELF –ASSESSMENT)

Subject: History

Assignment No. : 4

Allotment Date: 15 October 2021

S.NO	QUESTIONS	MARKS
1.	The civilisation of Mesopotamia is known for: a) Prosperity and urban life b) Rich and Voluminous literature c) Mathematics and astronomy d) All of the above	1
2.	What is the meaning of Mesopotamia? a) Land between two bridges b) Land between two rivers c) Land between two poles d) None of the above	1
3.	Which was the first known language of Mesopotamia? a) German b) Japanese c) Sumerian d) Persian	1
4.	When did the excavation of Mesopotamia begin? a) 1850 b) 1804 c) 1871 d) 1840	1
5.	Which of these is a source of the reconstruction of history of the Mesopotamia? a) Mathematical texts b) Archaeological remains c) Water resources d) D. None of these	1
6.	What do you understand by the term Laity? a) Special members of religious community b) The priests or clergy c) The monarchs d) The ordinary members of a religious community as opposed to the priests or clergy	1
7.	What constituted the heart of Roman Empire? a) Sahara desert b) The Mediterranean Sea c) River Rhine d) River Euphrates	1
8.	Which of the sources available for the reconstruction of Roman history? a) Poems b) Text c) Stories d) Rivers	1

9.	When did the Roman empire become a Republic? a) 505 BCE b) 905 BCE c) 509 BCE d) 100 BCE	1
10.	Who established the principate and when? a) King Augustus in 27 BCE b) King Constantine in 17 BCE c) King Octavian in 7 BCE d) King Diocletian 70 BCE	1
11.	Much of the economy of Roman empire was run on ----- . a) Mannuallabour b) Slave labour c) Senate's order d) King's advice	1
12.	Umar Khayyam was a ----- . a) Poet b) Astronomer c) Mathematician d) All of these	1
13.	----- the great, was the ruler of Mesopotamia during the period of 2067-2025 BCE. (1) a) Hammurabi b) Enmerkar c) Alexander d) Assurbanipal	1
14.	City life began in ----- . a) Awadh b) Mesopotamia c) Sumer d) Akkad	1
15.	Gaul Province of Roman empire became ----- . a) France b) England c) Norway d) Germany	1
16.	The modern age started with the decline of ----- system. a) Feudal b) Manor c) Slave d) Church	1
17.	Which metal was used by the people of Mesopotamia to make tools and weapons? a) Copper b) Bronze c) Ranga d) Iron	1
18.	Which of these was not a famous city of Roman Empire? a) Carthage b) Alexandria c) Antioch d) Mecedonia	1
19.	Identify the incorrect statement.	1

	<ul style="list-style-type: none"> a) Roman Empire was established by Augustus Caesar (27BCE-14 CE) b) Augustus reformed the laws of the city c) Augustus Caesar was an absolute ruler d) He established the "Principate". 	
20.	<p>----- was a doctor and philosopher who did not believe in the resurrection of the body on the Judgement Day.</p> <ul style="list-style-type: none"> a) IbnSina b) Umar Khayyam c) Ali d) Tughril Beg 	1
21.	<p>The King who released Babylonia from Assyrian domination in 625 BCE was--</p> <ul style="list-style-type: none"> (a) Alexander. (b) Nabonidus. (c) Nabopolassar. (d) Sargon. 	1
22.	<p>The Roman emperor who consolidated the rise of provincial upper classes so as to exclude the senators from military command was-----</p> <ul style="list-style-type: none"> (a) Augustus (b) Constantine (c) Gallienus (d) Tiberius 	1
23.	<p>In the Roman urban life, the entertainment shows called "spectacula" happened for at least-----</p> <ul style="list-style-type: none"> (a) 150 days (b) 160 days (c) 167 days (d) 176 days 	1
24.	<p>The Roman Empire got best kind of wine from the city of-----</p> <ul style="list-style-type: none"> (a) Byzaciuma (b) Campania (c) Naples (d) Sicily 	1
25.	<p>The Roman silver coin, known as denarius, weighed _ gm of pure silver----</p> <ul style="list-style-type: none"> (a) 2½ (b) 3½ (c) 4½ (d) 5½ 	1
26.	<p>Saint Augustine was bishop of the North African city of:</p> <ul style="list-style-type: none"> (a) Annaba (b) Algeria (c) Hippo (d) Numidia 	1
27.	<p>___ and Greek languages were used in administration of the Roman Empire.</p> <ul style="list-style-type: none"> (a) Chinese (b) Mayan (c) Latin (d) Turkish 	1
28.	<p>What were Amphorae?</p> <ul style="list-style-type: none"> (a) A type of army (b) A type of container (c) A type of district administrator (d) None of the above 	1
29.	<p>Which one of the following is a river that form the boundary of Roman Empire?</p> <ul style="list-style-type: none"> (a) Mekong River (b) Rhine River (c) Amur River (d) Yangtze River 	1

30.	. Frank's were..... (a) Muslims (b) Arab Nationals (c) Jewish (d) Christian	1
31.	Sasanian rulers were from (a) Rome (b) Iran (c) Greek (d) Samarqand	1
32.	Copper coin circulated in the central Islamic Lands was called..... (a) denarius (b) Fulus (c) dirham (d) drachm	1
33.	Al-QanumfilTibb, a book on medicine was composed by (a) IbnSina (b) Umar Khayyam (c) Alberuni (d) BayazidBistami	1
34.	A level in literary and Cultural refinement in communication is stated as— (a) nazm (b) rubai (c) adab (d) falasifa	1
35.	The Caliph during whose reign the Hijri was established was: (a) Abu Bakr (b) Muhammad (c) Uthman (d) UmarShow Answer	1
36.	Zakat was an/a: (a) agriculture tax (b) alms tax (c) religious tax (d) trade tax	1
37.	Construction of Cathedral town attributed to: (a) Higher yield in agricultural production (b) Promotion of trade and industry (c) Business promotion drive under the shade of religion (d) The contribution and subscription by craftsmen, artisans, merchants and common people.	1
38.	Free peasants were: (a) peasant-cum-soldier (b) tenants of the Lord. (c) payer of labour-rent in Begar (d) denied of political rights.	1
39.	Fertile land was known as -----. (a) Franks (b) Gaul (c) Manor (d) Fief	1
40.	The king who was declared the 'Holy Roman Emperor' was: (a) Charlemagne (b) Louis I (c) Louis II (d) Louis III	1



ARMY PUBLIC SCHOOL GWALIOR

CLASS -XI

ACADEMIC SESSION 2021-22

WORKSHEET (SELF –ASSESSMENT)



Subject: Political Science

Assignment No. : 4

Allotment Date: 15 October 2021

S.NO	QUESTIONS	MARKS
1.	The freedom of speech and expression falls under (a) Article 17 (b) Article 16 (c) Article 18 (d) Article 19	1
2.	The idea of our Preamble is borrowed from the (a) Canada constitution (b) U.K constitution (c) U.S constitution (d) French constitution	1
3.	The word that does not appear in the Indian Constitution is (a) Sovereign (b) Federal (c) Fraternity (d) Republic	1
4.	A Constitution is a body of (a) Basic laws (b) Rules (c) Principles (d) Moral values	1
5.	A body of fundamental principles, according to which a state is constituted is known as (a) Convention (b) Constitution	1

	(c) Law (d) Tradition	
6.	India borrowed the provision of First Past the Post system from the: (a) French constitution (b) Canadian constitution (c) British constitution (d) South African constitution	1
7.	Which of the following provisions of the Indian Constitution was passed without virtually any debate? (a) Introduction of Universal Suffrage (b) Fundamental Rights (c) Directive Principles of State Policies (d) Parliamentary Democracy.	1
8.	The members of Constituent Assembly were : (a) Directly elected (b) Nominated by Congress and Muslim League (c) Indirectly elected (d) Appointed by the Governor-General and Governors.	1
9.	Which country has the biggest constitution (a) India (b) Australia (c) China (d) USA	1
10.	India borrowed the Directive Principles of State Policy from the: (a) Irish constitution (b) Canadian constitution (c) British constitution (d) South African constitution	1
11.	Article 18 of the constitution deals with (a) right against exploitation (b) right to practice own religion (c) equality before law (d) abolition of titles	1
12.	It is a fundamental duty of every citizen to protect and improve _ (a) Women and children (b) Village Panchayat (c) Natural environment (d) National anthem	1
13.	The part of the Indian Constitution that proclaims India to be a Welfare State is: (a) Part III	1

	(b) Part IV (c) Part VI (d) Part IX	
14.	The constitution of a country provides the basis for (a) Punishment of criminals (b) Diplomatic relations with other countries (c) Relationship between citizens (d) Governance of the country	1
15.	The government can put restrictions on fundamental rights but they should be (a) Reasonable (b) Illegal (c) Arbitrary (d) Compulsory	1
16.	By which amendment, Fundamental Duties were included in the Constitution ? (a) 44th Amendment (b) 43rd Amendment (c) 42nd Amendment (d) 45th Amendment.	1
17.	In India who can vote under the concept of Universal Adult Franchise? (a) Minors can also vote (b) Only educated people can vote (c) Foreign nationals can also vote (d) Adults who have the nationality of India, have the right to vote irrespective of any caste, colour, creed or gender.	1
18.	All eligible voters, living in a specified area, vote to elect their representative is termed as (a) Functional representation (b) Territorial representation (c) Reserved representation (d) Limited vote plan	1
19.	The example of proportional representation system is (a) India (b) UK (c) Netherlands (d) New Zealand	1
20.	The authority that issues the notification for elections is: (a) Prime Minister (b) President (c) Governor (d) Chief Election Commissioner	1
21.	After the polling has finished, the votes are counted under the supervision of	1

	<ul style="list-style-type: none"> (a) Election Commission (b) Polling Officer (c) Returning Officers and Observers (d) Delimitation officer 	
22.	<p>The present composition of the Election Commission is a</p> <ul style="list-style-type: none"> (a) As decided by President (b) One-member body (c) Two-member body (d) Three-member body 	1
23.	<p>The electoral system, first past the post is also known as</p> <ul style="list-style-type: none"> (a) Proportional representation (b) Direct election (c) Separate electorate (d) Plurality system 	1
24.	<p>Which of these is not a good reason to say that Indian elections are democratic?</p> <ul style="list-style-type: none"> (a) India has the largest number of voters in the world (b) India's Election Commission is very powerful (c) In India, everyone above the age of 18 has a right to vote (d) In India, the losing parties accept the electoral verdict 	1
25.	<p>Panchayats have been established in:</p> <ul style="list-style-type: none"> (a) Villages (b) Town (c) Small city (d) Big city 	1
26.	<p>According to 73rd Amendment, the tenure of Panchayats in all states is:</p> <ul style="list-style-type: none"> (a) Six years (b) Three years (c) Five years (d) Four years 	1
27.	<p>The first State in the country to adopt the Panchayati Raj System on 2nd October, 1959 was</p> <ul style="list-style-type: none"> (a) Andhra Pradesh (b) Rajasthan (c) Bihar (d) Orrisa 	1
28.	<p>In 1989, P.K. Thungon Committee recommended the constitutional recognition of</p> <ul style="list-style-type: none"> (a) Local government bodies. (b) Consumer courts. (c) Planning commission. (d) Financial commission for states. 	1

29.	<p>One-third of the total number of seats of Panchayats are reserved for:</p> <p>(a) Backward Classes (b) Scheduled Castes (c) Women belonging to Scheduled Castes (d) Women.</p>	1
30.	<p>The wards committees are found in:</p> <p>(a) Gram Sabha (b) Gram Panchayat (c) ZilaParishad (d) Municipalities</p>	1
31.	<p>Which of the following Rural Local Government system exists in Haryana?</p> <p>(a) Two-tier system (b) One-tier system (c) Three-tier system (d) Four-tier system.</p>	1
32.	<p>In the law making process in India, the bill is put to vote in both Houses of the Parliament after the ___</p> <p>(a) Third reading (b) Second reading (c) First reading (d) Committee stage</p>	1
33.	<p>Indian constitution is a :</p> <p>(a) Living Document (b) Non Living Document (c) Limited Document (d) None of these.</p>	1
34.	<p>Article 368 of Indian constitution provides that</p> <p>(a) An amendment bill can be introduced in either house of parliament. (b) Provision for free and compulsory education for children. (c) Seats shall be reserved for the Scheduled Castes and the Scheduled Tribes in every Municipality. (d) Uniform civil code for the citizens.</p>	1
35.	<p>Which of the following, fundamental right of the Indian Constitution has been reinterpreted recently?</p> <p>(a) Right against communalism (b) Right to titles (c) Right against exploitation (d) Right to Life</p>	1
36.	<p>The Indian constitution guaranteed the civil liberties that curtail the misuse of power by the...</p> <p>(a) Non GovernmentalOrganisations. (b) Parents and teachers.</p>	1

	(c) State and its agents. (d) Intergovernmental Organisations.	
37.	Political equality means every citizen should be given (a) Political education (b) A chance to work in the government turn by turn (c) Right to vote and contest the election (d) Membership of a political party	1
38.	The procedural achievement reflects in (a) Freedom to criticize treatment of widows (b) Taking decisions in the Constituent Assembly on the basis of reason (c) Article 370 and 371 (d) Accepting importance of community in an individual's life	1
39.	In the Constituent Assembly of India, "Chairman of Union Constitution Committee" was (a) RajkumariAmritKaur. (b) G.V. Mavalankar. (c) Pt. Jawaharlal Nehru. (d) Dr. John Mathai.	1
40.	'Democracy is a government of the people, by the people and for the people'. Whose statements is it? (a) Rousseau (b) J.S. Mill (c) T. H. Green (d) Abraham Lincoln	



ARMY PUBLIC SCHOOL GWALIOR
CLASS -XI



ACADEMIC SESSION 2021-22
WORKSHEET (SELF –ASSESSMENT)

Subject: Physical Education

Assignment No. : 4

Allotment Date: 15 October 2021

S.NO	QUESTIONS	MARKS
1	Which out of the following helps to modify one's behavior towards progress ? (a) Science (b) Education (c) Technology (d) Social development	1
2	Which of the following is not the aim of social development in physical education ? (a) Obeying rules and regulations of the game (b) Showing sportsmanship (c) Cooperation with peers (d) Playing for self	1
3	Traditionally, careers in Physical education were focused on : (a) Teaching (b) Commentator (c) Sports Photography (d) Sports Marketing	1
4	The Ministry of Sports and Youth Affairs introduced Khelo India Programme in the year : (a) 2016 (b) 2017 (c) 2015 (d) 2018	1
5	The Olympic Games were revived with the sole objective of (a) promoting games and sports among the masses. (b) creating amity, understanding and brotherhood among nations. (c) giving a new look to ancient sports. (d) making children and youth more skillful.	1
6	The ancient Olympic Games were initially : (a) 3 Day event (b) 2 Day event (c) 1 Day event (d) 5 Day event	1
7	The Olympic flag consists of— (a) White background with no border and Olympic symbol in the center (b) White background with black border and Olympic symbol in the center (c) Yellow background with black border and Olympic symbol on the top right corner (d) Grey background with no border and Olympic symbol in the center	1
8	Which Indian athlete won a Gold medal in Tokyo Olympics in Javelin ? (a) Neeraj Chopra (b) PV Sindhu (c) Lovlina Borgohain (d) Manpreet Singh	1

9	Where is the headquarters of International Olympic Committee located ? (a) U.S.A. (b) London (c) Switzerland (d) Germany	1
10	The IOA was established in : (a) 1926 (b) 1927 (c) 1928 (d) 1930	1
11	What is the capacity of an individual to carry out his/her routine work without any fatigue or exertion and still reserve energy to meet any emergency known as ? (a) Wellness (b) Lifestyle (c) Physical Fitness (d) Mental Fitness	1
12	What is the primary cause of lifestyle diseases such as high blood pressure, diabetes, heart attack ? (a) Poor eating habits (b) Lack of exercise (c) Sedentary lifestyle (d) All of the above	1
13	Static strength is used in : (a) Pull ups (b) Push ups (c) Pushing the wall (d) None of these	1
14	Overall fitness is made up of main components : (a) Three (b) Five (c) Four (d) Two	1
15	Muscular endurance can be improved by : (a) Jogging (b) Cycling (c) Dancing (d) All of the above	1
16	Mohan's height is 3ft 11in. 3ft 11 in. is an example of : (a) Test (b) Measurement (c) Evaluation (d) Assessment	1
17	Which of the following aspect/aspects is/are important for all training programmes and other activities of sports ? (a) Test (b) Measurement (c) Evaluation (d) All of the above	1
18	Body Mass Index (BMI) is a measure of body : (a) Fat (b) Vitamins (c) Carbohydrates (d) None of these	1
19	What is the formula for waist-hip ratio ? (a) Hip circumference/Waist circumference (b) Waist circumference × Hip circumference (c) Waist circumference/Hip circumference (d) None of the above	1
20	The ability of body's circulatory and respiratory systems to supply fuel during sustained physical activity is known as : (a) Endurance (b) Agility (c) Cardio-respiratory endurance (d) Flexibility	1
21	The science that deals with the structural aspect of the human body is known as : (a) Physiology (b) Anatomy (c) Botany (d) Kinesiology	1

22	Heart rate is defined as : (a) Quantity of blood pumped away by heart in one minute (b) Number of systolic contractions per minute (c) Number of diastolic contractions per minute (d) Number of heart contractions per minute	1
23	The human heart is about the size of a/an (a) average size apple (b) hen's egg (c) man's closed fist. (d) big almond	1
24	Equilibrium occurs when : (a) The resultant force acting on a body is zero (b) Acceleration of the body is zero (c) Both (a) as well as (b) (d) None of the above	1
25	The modern life style has : (a) Not affected the efficiency of human beings (b) Increased the efficiency of human beings (c) Reduced the efficiency of human beings (d) None of these	1
26	It requiresto supply the body with oxygen. (a) Strong heart (b) Healthy lungs (c) Clear blood vessels (d) All of the above	1
27	What is the average heart rate of adult human being ? (a) 56 beats/min (b) 72 beats /min (c) 89 beats /min (d) 110 beats /min	1
28	Speed can be divided into parts : (a) Three (b) Four (c) Five (d) Two	1
29	A test should be : (a) Valid (b) Reliable (c) Repeatable (d) All of the above	1
30	After competing D.P.Ed. you can teach Classes : (a) I to VIII (b) I to V (c) VI to VIII (d) I to X	1
31	Which course of Physical Education is not recognised by NCTE ? (a) D.P.Ed. (b) B.P.Ed. (c) M.P.Ed. (d) B.P.E.S	1
32	Which country did Baron Pierre de Coubertin – the Father of the Modern Olympic Games – belong to ? (a) France (b) Greece (c) Denmark (d) Switzerland	1
33	Where did the 2020 Olympic games held ? (a) Tokyo (b) Sydney (c) New York (d) Beijing	1
34	The IOC Executive Board hasmembers. (a) 1 (b) 2 (c) 8 (d) 10	1

35	How many posts are there for Vice president position in Indian Olympic Association ? (a) 5 (b) 1 (c) 2 (d) 9	1
36	Which of the following plays/play an important role for achieving physical fitness ? (a) Physical activities (b) Games (c) Sports (d) All of the above	1
37	Regular physical activity : (a) Increases longevity (b) Slows down the process of ageing (c) Promotes the quality of life (d) All of the above	1
38	Cardiovascular endurance is required : (a) When the action is performed for a long duration and intensity is slow (b) In long distance races (c) Both (a) as well as (b) (d) None of these	1
39	Physical exercise done in the presence of oxygen is called : (a) aerobic (b) anaerobic (c) isometric (d) isokinetic	1
40	Muscular strength can be gained by : (a) Lifting weights (b) Going up the stairs rapidly (c) Both (a) as well as (b) (d) None of these	1



ARMY PUBLIC SCHOOL GWALIOR
CLASS -XI



ACADEMIC SESSION 2021-22
WORKSHEET (SELF –ASSESSMENT)

Subject: Work Education

Assignment No. : 4

Allotment Date: 15 October 2021

S.NO	QUESTIONS	MARKS
1.	The word 'Gond' means – (a) The blue fountain (b) The green tree (c) The green mountain (d) The red chilli	1
2.	The word 'Gond' comes from theexpression (a) Dravidian (b) Roman (c) Carnatic (d) Sanskrit	1
3.	Why the Gond People paint every natural thing as a form of respect and reverence? (a) because they are playful. (b) They are God fearing. (c) They are religious. (d) They believe that everything is inhabited by a spirit.	1
4.	Gond paintings can best be described as '..... work'. (a) Brush (b) Bubble (c) lines (d) None of the above	1
5.	In Gond paintings there has to be the use of vivid colours (a) Dull (b) bright (c) hue (d) tint	1
6.	Who are PardhanGonds ? (a) Singers (b) Actors (c) Players (d) Fighters	1
7.	. Wall paintings are Known asin Hindi. (a) भित्तिचित्र (b) मिट्टीचित्र (c) दिघ्ना	1

8.	Floor paintings by Gonds are also known as in Hindi. (a) Digna (b) Ligna (c) Chikna (d) sukhna	1
9.	Which two tribes are predominant in Madhya Pradesh ? (a) Oreo and Halba (b) Munda and Lohra (c) Gond and Korku (d) Halba and Asur	1
10.	Gond is the largest tribes in India. (a) Correct (b) Incorrect (c) may be (d) I am not sure.	1



ARMY PUBLIC SCHOOL GWALIOR

CLASS -XI

ACADEMIC SESSION 2021-22

WORKSHEET (SELF –ASSESSMENT)



Subject: Painting

Assignment No. : 4

Allotment Date: 15 October 2021

S. NO.	QUESTIONS	MARKS
1	How much Inches the "Dancing girl" was high? * (a) 2 Inches (b) 4 Inches (c) 3 Inches (d) 5 Inches	1
2	In which sculpture "Tribhanga" pose is related? * (a) Male Torso (b) Mother Goddess (c) Dancing girl (d) Bull Seal	1
3	When "Bhimbetka" caves were discovered? * (a) 1957 - 1958 (b) 1958 - 1959 (c) 1959 - 1960 (d) 1962 - 1963	1
4	"Dancing girl" is a – (a) Terracotta Statue (a) Brass statue (c) Bronze statue (d) Steatite statue	1
5	. Which of the following paintings from pre-historic era has a hint of X-ray imagery? * (a) Roaring animal (b) Wizard's Dance (c) Wild Bison (d) Hunting scene	1

6	. Banawali is surrounding site related to which state of our country - * (a) Gujarat (b) Rajasthan (c) Haryana (d) Uttar Pradesh	1
7	In which year "The Ruins of Harappa" was discovered by East India Company? * (a) 1850 (b) 1848 (c) 1846 (d) 1842	1
8	. For which "Mother Goddess" was worshipped - * (a) The giver of wealth (b) The bestowers gives of fertility and prosperity (c) The giver of blessings	1
9	. Which of the following is the location of the pre-historic painting "A Roaring Animal"? * (a) Ajanta caves (b) Bhimbetka caves (c) Bagh caves (d) Sittanwsal caves	1
10	. Who discovered the ruins of Harrappa in 1842? * (a) Charles Masson (b) Charles Darwin (c) Charles Calwin (d) Sir Alexander	1
11	Which of the following is the location of figure "The Dancing Girl"? * (a) Mohenjodaro (b) Lothal (c) Kalibangan (d) Harrappa	1
12	"Male Torso" is an impressive example of - (a) Paper carving (b) Metal carving (c) Wood carving (d) Stone carving	1
13	. In which year "The Ruins of Harappa" was discovered by East India Company? * 1 point (a) 1850 (b) 1848 (c) 1846 (d) 1842	1
14	. Harappa was located near the river - * 1 point (a) Satluj (b) Narmada (c) Ravi (d) Ganga	1
15	. Kalibangan surrounding site is related to which state of our country- * 1 point (a) Gujarat (b) Uttar Pradesh	1

	(c) Haryana (d) Rajasthan	
16	. For which "Mother Goddess" was worshipped - * 1 point (a) The giver of wealth (b) The bestowers gives of fertility and prosperity (c) The giver of blessings (d) The giver of Health	1
17	. Which of the following is the location of the pre-historic painting "A Roaring Animal" (a) Ajanta caves (b) Bhimbetka caves (c) Bagh caves (d) Sittanwsal caves	1
18	. "Male Torso" was a sculpture having the size - * (a) 52.6 x 73 cm (b) 9.2 x 5.8 x 3 cm (c) 52.7 x 73 cm (d) 52.7 x 74 cm	1
19	. What was the another significant aspect of the Indus art and craft? * (a) A Roaring Animal (b) Seal (c) Dancing girl (d) Male Torso	1
20	. By which material "The Seal" were made - * (a) Soft stone found in rivers (b) Hard stone found in rivers (c) Wooden piece found in rivers (d) Bricks found in rivers	1
21	. Where is "The National Museum" situated in India? * (a) Mumbai (b) New Delhi (c) Chennai (d) Kolkata	1
22.	"The Bull Seal" is perhaps a prototype of - * (a) Vishnu's Bull (b) Shiva's Bull (c) Brhma's Bull (d) All of the above	1
23.	Gandhara school was also called- * (a) Mathura School (b) Indigenous School (c) Eplectic School (d) Eclectic School	1
24.	. The statue of a "Dancing girl" is a - * (a) very large bronze statue (b) large bronze statue (c) medium size bronze statue (d) small bronze statue	1
25.	. In which cave is the painting of Bodhisattava Padma Pani found? * (a) Cave no 1 (b) Cave no 10 (c) Cave no 17	1

	(d) Cave no 26	
26.	How many animals were curved on the side of the abacus in Lion Capital? * (a) 2 (b) 4 (c) 3 (d) 5	1
27.	Which of the following is the sculpture of Indus Valley with an elaborate head gear? * (a) Dancing girl (b) High priest (c) Male Torso (d) Mother Goddess	1
28.	The period of sculpture "Jain Tirthankara". * (a) Circa 5th century A.D. (b) Circa 4th century A.D. (c) Circa 3rd century A.D. (d) Circa 2nd century A.D.	1
29.	. "Zebul Humped Bull" is a fine example of - * (a) Showing great strength and vigor (b) Showing wealth (c) Showing shoulder and hips (d) Showing pinched nose	1
30.	. The medium was used to make "Male Torso" - * (a) Dark colour stones (b) Red lime stone (Terracota) (c) Bronze (d) Wood	1



ARMY PUBLIC SCHOOL GWALIOR
CLASS -XI



ACADEMIC SESSION 2021-22
WORKSHEET (SELF –ASSESSMENT)

Subject: Health and Physical Education

Assignment No. : 4

Allotment Date: 15 October 2021

S.N	QUESTIONS	NATURE	MARKS
1	MCQ A) Which of the following is not correct body position to save from sexual harassment i) head up ii) alert with surrounding iii) hands free iv) use of head phone	Understanding)	4×1=4
	B) To protect from sexual harassment i) one should enjoy parties. ii) one should trust everyone. iii) call 911 iv) don't bother about intuition.	Informatory	
	C) Physical effects of sexual assault i) disrupted sleep ii) social isolation iii) good appetite iv) Calm	Analytical	
	D) Write full form of IASC i) International Association of Standing Committee ii) Inter-Agency Security Committee iii) Inter-Agency Standing Committee iv) International Association Security Committee	Informatory	
2.	B) Fill In The Blanks :- i. _____ are drugs not taken by themselves.	Informatory	3×1=3
	ii. _____ bullying is any hostile or offensive action relating to one's sexual orientation.	Informatory	

	iii. _____ is the online frontier for sexual harassment.	Understanding	
3.	C. True / False i. UNFPA has dedicated policy on the prohibition of harassment, sexual harassment, abuse of authority and discrimination.	Understanding	3X1= 3
	ii. Gender based harassment is not comes under sexual harassment act.	Understanding	
	iii. Offensive graffiti is the form of homophobic bullying .	Informatory	



ARMY PUBLIC SCHOOL GWALIOR

CLASS -XI

ACADEMIC SESSION 2021-22

WORKSHEET (SELF –ASSESSMENT)



Subject: Yoga

Assignment No. : 4

Allotment Date: 15 October 2021

S.no	Answer the following question	Marks	Skills
1.	How many limbs are there in Yama? a. 2 b. 4 c. 5	1	Informative
2.	What is the meaning of Ahinsa? a. Non- violence b. Violence c. Quiet	1	Informative
3.	What is the meaning of satya? a. Truthfulness b. Sincere c. Manifest	1	Informative
4.	What is the meaning of Asteya? a. Theft b. Non –stealing c. None of them	1	Informative
5.	What is the meaning of Brahmacharya? a. Right use of energy b. Right use of brain c. Right use of nature	1	Informative
6.	What is the meaning of Aparigraha? a. Non- greed b. Non- generosity c. Non- cupidity	1	Informative
7.	How many limbs are there in Niyama? a. 4 b. 6 c. 5	1	Informative
8.	What is the meaning of shauch? a. Cleanliness b. Immoral c. spotless	1	Informative
9.	What is the meaning of santosha?	1	Informative

	a. Contentment b. Sterilization c. Misery		
10.	What is the meaning of tapa? a. Discipline b. Confusion c. Control	1	Informative



ARMY PUBLIC SCHOOL GWALIOR

CLASS -XI



ACADEMIC SESSION 2021-22

WORKSHEET (SELF –ASSESSMENT)

Subject: General Studies

Assignment No. : 4

Allotment Date: 15 October 2021

S.N	QUESTIONS	NATURE	MARKS
1	MCQ A) Which of the following places is not located in Madhya Pradesh? i) Fort of asirgarh ii) Ginnorgarh Fort iii) Mangi-Tungi IV) GarhKundar	Understanding)	4×1=4
	B) The famous Kalpvriksha plan of Madhya Pradesh Government relates to? i) Breeding in better quality insects for silk. ii) Dairy and development of livestock. iii) Rickshaw and Tempo are provided to unemployed youths of schedule caste and tribe to start their own business. iv) Interest free loan for 10 years to purchase land	Informatory	
	C) Which of the following 'Region' is not a 'Region' of Madhya Pradesh? i) Hadauti ii) Gird iii) Mahakoshal iv) Nimar	Analytical	
	D) Seer Goverdhanpur in Uttar Pradesh is the birth place of which Bhakti saint? i) Kabir ii) Dadu iii) Ravidas iv) Ramanand	Informatory	

	E) Which type of animal is Stegodon, the fossil of which has been recently found in Uttar Pradesh? i) Elephant ii) Turtle iii) Giraffe iv) Lion	Analytical	
2.	B) Fill In The Blanks :- a. The Elephant Memorial in Mathura was constructed as an initiative of _____.	Informatory	5×1=5
	ii. Dhupgarh (1,350m high) is the highest peak of Madhya Pradesh located on _____.	Informatory	
	iii. Indira Sagar dam is the highest dam of Madhya Pradesh-with height of _____ metres	Understanding	
	iv. Chandra Shekhar Azad-born on 23 July 1906 in Bhavra village, in the present-day Alirajpur district of Madhya Pradesh	Understanding	
	v) Nepanagar is famous for its 'Newsprint paper mill' _____.	Understanding	