

GIVEN DATE: 15/4/2020

SUBMISSION DATE: 17/4/2020

**SANT NIRANKARI PUBLIC SCHOOL**

**AVTAR ENCLAVE, PASCHIM VIHAR**

**CLASS IX**

**ENGLISH WORKSHEET- I**

**CH- THE LOST CHILD**

**NAME:** \_\_\_\_\_

**ROLL NO.:** \_\_\_\_\_

**Read the following passages and answer the questions**

1. He could not suppress the desire of his heart, even though he well knew the cold stare of refusal in their eyes.
  - a. What does 'he' well know?
  - b. What 'desire of his heart' is being talked of?
  - c. Why has the narrator said that 'he' couldn't suppress his heart's desire?
  - d. What did the child do when he couldn't suppress his desire?
2. Thinking to humour his disconsolate charge by a gift of sweets, then an took him to counter of sweet shop.
  - a. Who is 'the man' being referred here?
  - b. What was the man trying to do?
  - c. What was the real intention of the man?
  - d. What do you mean by the phrase-to humour the disconsolate charge.

**Answer the following questions in about 30 words:**

3. What aspects evidently show that the child was a nature lover?
4. When did the child feel that his parents would call him 'greedy'?
5. Describe the moment when the child realizes that he is lost.
6. What was the child's reaction when the man took him to the balloon seller?
7. Why was the child lagging behind in the crowd?
8. What excuse will the parents provide for not buying the flowers for the child?

**Answer the following questions in about 100 words:**

9. The author beautifully depicts the typical village fair. Explain in detail.
10. Though the author has beautifully depicted the village fair, he has been more successful in depicting child

psychology in the story. Elucidate.

GIVEN DATE: 18/4/2020

SUBMISSION DATE: 20/4/2020

SANT NIRANKARI PUBLIC SCHOOL  
AVTAR ENCLAVE, PASCHIM VIHAR  
CLASS IX  
ENGLISH WORKSHEET- II  
COMPREHENSION

NAME: \_\_\_\_\_

ROLL NO.: \_\_\_\_\_

Q1. Read the passage given below and answer the questions that follow: (8 Marks)

**The Camera Can Lie—Sometimes**

1. Much to their annoyance, pen-pushers are routinely reminded that a picture is worth a thousand words—except that sometimes they can be wrong “words” as happened last week when Reuters was forced to withdraw more than 900 pictures taken by a freelance photographer after it was suspected that he had “doctored” two recent photographs of the Israeli-Lebanon conflict.
2. In one picture, the smoke billowing from an apartment block after an Israeli air strike was allegedly thickened by the photographer, Adnan Hajj, to dramatise the impact of the bombardment — and in another two flares were suspected to have been added to an image of an Israeli jet in action over Lebanon.
3. The allegation of doctoring, first made by several bloggers, was confirmed by Reuters after an in-house investigation. Mr. Hajj, who had sold pictures to Reuters for more than 10 years, denied manipulating the two photographs and attributed the thick smoke in the first picture to “bad lighting” and the fact that he was “trying to remove dust marks.” As for the second, he said, “there was no problem with it — not at all.”
4. But Reuters was not convinced and said it was removing all of this pictures from its database and would not be using his service any more. “This represents a serious breach of Reuters’ standards and we shall not be accepting or using pictures taken by him,” the news agency said.
5. The idea that the camera never lies is as misleading as the notion that all statistics are meant to mislead. What the “eye” sees is not always what it looks like, thanks to the many ways in which first the camera and then the photograph can be — and is often — manipulated. Indeed, a photograph can be manipulated in more ways — and more effectively — to convey a false reality than it is possible to do through the written word. Ask any clever photographer and he will tell you the tricks camera be made to play.
6. At a seminar recently, one journalist recalled how there was a time when British photographers, covering stories about famine or floods in Third World countries, would carry teddy bears with them in order to use them as prop for pictures supposedly showing that all that was left in household, stricken by death and destruction, were children’s toys. (Source: The Hindu)

**1.1** On the basis of your reading of the passage given above, answer the following questions.(1 × 8 = 8)

**(a)** To interest the children Teddy bears were used as:

- |                   |                 |
|-------------------|-----------------|
| (i) manipulations | (ii) props      |
| (iii) conflicts   | (iv) statistics |

**(b)** A \_\_\_\_\_ can tell us about the tricks played by camera.

- (i) picture
- (ii) photographer
- (iii) reuter
- (iv) dramatist

**(c)** The allegation of doctoring was confirmed by:

- (i) Israelis
- (ii) Adnan Hajj
- (iii) Reuters
- (iv) Freelancer

**(d)** The picture of the smoke rising from an apartment block in Lebanon:

- (i) was actual picture
- (ii) was manipulated by a photographer deliberately
- (iii) appeared thick in picture due to bad lighting
- (iv) all of these

**(e)** As per the passage, a camera:

- (i) always gives fake pictures
- (ii) never gives fake pictures
- (iii) sometimes many give fake pictures
- (iv) none of these

**(f)** British photographers left teddy bears in household, stricken by death and destruction in floods in Third World countries with a view to:

- (i) Showing that all that was left in household were teddy bears
- (ii) Showing that most of the flood victims were children.
- (iii) both (i) and (ii)
- (iv) neither (i) nor (ii)

**(g)** Reuters deliberately accepted the manipulated pictures. (True/False)

\_\_\_\_\_

**(h)** The allegation of manipulating pictures was confirmed by \_\_\_\_\_

GIVEN DATE: 20/4/2020

SUBMISSION DATE: 22/4/2020

**SANT NIRANKARI PUBLIC SCHOOL  
AVTAR ENCLAVE, PASCHIM VIHAR  
CLASS IX  
ENGLISH WORKSHEET- III  
MODALS**

NAME: \_\_\_\_\_

ROLL NO.: \_\_\_\_\_

Q1. Complete each sentence below with a modal verb from the word bank

Can	may	must	should
couldn't	ought to	might	will

1. You \_\_\_\_\_ tell me the truth for your own good.
2. I \_\_\_\_\_ find my shoes anywhere.
3. We \_\_\_\_\_ arrive on time or else we will be in trouble.
4. He \_\_\_\_\_ shoot the basketball at the rim.
5. \_\_\_\_\_ you let me know the time?
6. They \_\_\_\_\_ not be trustworthy enough.
7. \_\_\_\_\_ you please pass the salt?
8. We \_\_\_\_\_ prepare for the big exam.

Q2. Fill in the blanks with appropriate modals

1. Why \_\_\_\_\_ I care about your problems? (can/should)
2. Tom and Rebecca give their daughter a lot of presents. They \_\_\_\_\_ really love her. (can/must)
3. We \_\_\_\_\_ go out to that new Italian restaurant tonight. (should/must)
4. Everyone who crosses the border \_\_\_\_\_ show his/her passport. (should/must)
5. P1: When is Tom coming? P2: He's on his way. He \_\_\_\_\_ be here any minute. (should/must)
6. P1: \_\_\_\_\_ my friend sleep over? P2: Yes, but he'll have to get permission from his parents. (can/should)
7. \_\_\_\_\_ you always be so mean to everyone? (can/must)
8. \_\_\_\_\_ you please try to be nicer to your brother? (can/must)
9. I \_\_\_\_\_ get here earlier because of the traffic on the freeway. (shouldn't/couldn't)
10. P1: Which language \_\_\_\_\_ I learn - French or Italian? P2: I think you \_\_\_\_\_ learn French. (should/must)

GIVEN DATE: 22/4/2020

SUBMISSION DATE: 24/4/2020

**SANT NIRANKARI PUBLIC SCHOOL**  
**AVTAR ENCLAVE, PASCHIM VIHAR**  
**CLASS IX**  
**ENGLISH WORKSHEET-IV**  
**EDITING**

**NAME:** \_\_\_\_\_

**ROLL NO.:** \_\_\_\_\_

Q1. Read the passages given below. There is an error in each line. Identify the erroneous word and replace it with the correct word.

	Incorrect	Correct
More and more people in the country are looked	_____	_____
at the sun for cleaner energy options and right so	_____	_____
India receives a huge amounts of sunlight every	_____	_____
year. If harnessed with cost effective methods	_____	_____
this sunlight could be used to producing a whooping	_____	_____
600 giga watts of electricity. This is more than 5 time	_____	_____
the annual power consumption of India what	_____	_____
is only 120 giga watts. But in spite the fact that the	_____	_____
potential is huge, what India currently derive is	_____	_____
only 10-15 mega watts annually.	_____	_____

Q2. Read the passages given below. There is an error in each line. Identify the erroneous word and replace it with the correct word.

	Incorrect	Correct
The most common utilization for solar energy	_____	_____

---

is been with solar photovoltaic (PV) cells. Here \_\_\_\_\_  
the sun's light is converting by the PV cells into \_\_\_\_\_  
Direct Current (DC).These electricity can then be \_\_\_\_\_  
used to running almost all gadgets in your home. \_\_\_\_\_  
Another method involve the use of sun's heat \_\_\_\_\_  
instead of light. Energy producing from the sun's \_\_\_\_\_  
heat is called thermal solar energy. Producing \_\_\_\_\_  
of thermal solar energy has more cost effective \_\_\_\_\_  
then the photovoltaic cells method mainly because \_\_\_\_\_  
here you can converts up to 50-80% of the sun's \_\_\_\_\_  
energy as opposed with PV which converts only 15%. \_\_\_\_\_

GIVEN DATE: 27/4/2020

SUBMISSION DATE: 29/4/2020

**SANT NIRANKARI PUBLIC SCHOOL**  
**AVTAR ENCLAVE, PASCHIM VIHAR**  
**CLASS IX**  
**ENGLISH WORKSHEET- V**  
**GRAMMAR**

**NAME:** \_\_\_\_\_

**ROLL NO.:** \_\_\_\_\_

Q1. Read the conversation given below and complete the paragraph that follows.

Ganga: How did you spend your holidays?

Gautham: I went for cricket coaching. What did you do?

Ganga: I went for the NTSC coaching classes.

Gautham: At least during the holidays you could have enjoyed yourself.

Ganga: I enjoyed going for the coaching classes.

Ganga asked Gautham (a) ..... holidays. Gautham said that (b) .....Cricket coaching and wanted to know (c) .....during the holidays. When Ganga told him that she had gone for NTSC coaching classes, Gautham told her that she could have enjoyed herself during the holidays. Ganga replied that (d) ..... the coaching classes.

Q2. Complete the following passage with the most appropriate words from the options given.

An ATM, or Automated Teller is (a) ..... (a, an, the, no word) simple machine which (b) ..... (acting, acted, acts, is acted) as an extension of a bank even (c) .....(as, which, when, where) the bank is closed. The machine (d) .....(was, is, has been, should be) usually placed (e) ..... (at, of, in, on) a small room with a security guard stationed outside. You can (f) ..... (withdraw, withdrawal, withdrawn, withdrew) money from your account, deposit cheques, order (g) ..... (a, an, the, no word) cheque book, get (h) .....(my, our, somebody's, your) account statements etc. The ATMs work round the year 24 hours a day.

Q3. Read the following conversation carefully and complete the following passage.

---

Ruby: Raj, how is your knee today? Is it still giving trouble?

Raj: No. It feels a lot better today. I went to a doctor and he told me it was only a pulled ligament. I should be fine for Saturday's game.

Ruby: Great. But why don't you take it easy today? Maybe just practice throwing. Don't do any running.

Raj: OK.

Ruby asked Raj (a) ..... and if it was still giving him trouble. Raj replied that (b) ..... He told him that he had gone to the doctor, who (c) ..... that it was only a pulled ligament. He (d)..... for Saturday's game. Ruby then suggested that he should take in easy that day and just practice throwing and not do any running.

SANT NIRANKARI PUBLIC SCHOOL  
AVTAR ENCLAVE, PASCHIM VIHAR  
CLASS IX  
HINDI WORKSHEET- I

Date	
संत निरंकारी पब्लिक स्कूल	
अवतार एन्क्लेव	
कक्षा - नवीं	
विषय - हिंदी	
कार्य पत्रक	
पाठ-1 गिल्लू (संचयन)	
I. निम्नलिखित प्रश्नों के उत्तर दीजिए।	
(i)	सोनजूही में लगी पीली कली को देख लेखिका के मन में कौन से विचार उमड़ने लगे ?
(ii)	पाठ के आधार पर कौए को एक साध समादरित और अनादरित प्राणी क्यों कहा गया है ?
(iii)	गिलहरी के घायल बच्चे का उपचार किस प्रकार किया गया ?
(iv)	लेखिका का ध्यान आकर्षित करने के गिल्लू क्या करता ?
(v)	गिल्लू को मृत करने की आवश्यकता क्यों समझी गई ? लेखिका ने इसके लिए क्या उपाय किया ?
(vi)	गिल्लू किन अर्थों में परिचारिका की भूमिका निभा रहा था ?
(vii)	सोनजूही की लता के नीचे बनी गिल्लू की समाधि में लेखिका के मन में किस विश्वास का जन्म होता है ?
(viii)	आज की युवा पीढ़ी को इस पाठ से क्या शिक्षा लेनी चाहिए ?
(ix)	गिल्लू की गतिविधियों के आधार पर लिखिए कि पशु-पक्षी भी बालसुलभ क्रीडाओं में किस प्रकार आनंद लेते हैं ?

SANT NIRANKARI PUBLIC SCHOOL  
AVTAR ENCLAVE, PASCHIM VIHAR  
CLASS IX  
HINDI WORKSHEET- II

## » अभ्यास प्रश्न

1. निम्नलिखित शब्दों में उचित स्थान पर अनुस्वार का प्रयोग करके पुनः लिखिए-
 

(क) शख	- .....	(ख) व्यजन	- .....
(ग) मजन	- .....	(घ) नदन	- .....
(ङ) सग	- .....	(च) फदा	- .....
(छ) ककड़	- .....	(ज) गगा	- .....
(झ) अतर	- .....	(ञ) कया	- .....
(ट) कचनजघा	- .....	(ठ) तुरग	- .....
(ड) मयक	- .....	(ढ) पतग	- .....
(ण) सवाद	- .....	(त) वशज	- .....
2. निम्नलिखित शब्दों में उचित स्थान पर अनुनासिक का प्रयोग करके पुनः लिखिए-
 

(क) आचल	- .....	(ख) भवर	- .....
(ग) साम	- .....	(घ) कुवारा	- .....
(ङ) फासी	- .....	(च) दात	- .....
(छ) बूद	- .....	(ज) चाद	- .....
(झ) अघेरा	- .....	(ञ) पाच	- .....
(ट) गाव	- .....	(ठ) लड़किया	- .....
(ड) साप	- .....	(ढ) कापना	- .....
(ण) अगूठा	- .....	(त) गलतिया	- .....
(थ) बाधना	- .....	(द) आगन	- .....
(घ) आधी	- .....	(न) चादनी	- .....
3. अनुस्वार का प्रयोग करते हुए निम्नलिखित शब्दों का मानक रूप लिखिए-
 

(क) कण्ठ	- .....	(ख) गङ्गा	- .....
(ग) रङ्ग	- .....	(घ) चञ्चल	- .....
(ङ) कुण्डली	- .....	(च) गञ्जापन	- .....
(छ) मन्थन	- .....	(ज) अन्तिम	- .....
(झ) आरम्भ	- .....	(ञ) सम्बन्ध	- .....

## » अभ्यास प्रश्न

1. निम्नलिखित शब्दों में से उपसर्ग एवं मूलशब्द अलग-अलग करके लिखिए-

(क) निर्वृद्ध	-	.....	+	.....	(ख) दुर्लभ	-	.....
(ग) अनावश्यक	-	.....	+	.....	(घ) परिस्थिति	-	.....
(ङ) अत्यंत	-	.....	+	.....	(च) प्रतिकूल	-	.....
(छ) प्रत्येक	-	.....	+	.....	(ज) आगमन	-	.....
(झ) संक्रमण	-	.....	+	.....	(ञ) सम्मान	-	.....
(ट) स्वागत	-	.....	+	.....	(ठ) संस्थान	-	.....
(ड) उन्नत	-	.....	+	.....	(ढ) दुरुपयोग	-	.....
(ण) अपवित्र	-	.....	+	.....	(त) संग्राम	-	.....
(य) अत्याचार	-	.....	+	.....	(द) प्रवृत्ति	-	.....
(घ) उल्लेख	-	.....	+	.....	(न) असहाय	-	.....

2. निम्नलिखित उपसर्गों के प्रयोग से दो-दो शब्द बनाकर लिखिए-

(क) अति	-	.....	,	.....	(ख) आ	-	.....
(ग) कु	-	.....	,	.....	(घ) दुर	-	.....
(ङ) परि	-	.....	,	.....	(च) प्र	-	.....
(छ) प्रति	-	.....	,	.....	(ज) वि	-	.....
(झ) स्व	-	.....	,	.....	(ञ) सह	-	.....
(ट) अघ	-	.....	,	.....	(ठ) दु	-	.....
(ड) मर	-	.....	,	.....	(ढ) स	-	.....

## » अभ्यास प्रश्न

1. निम्नलिखित शब्दों में से मूल शब्द और प्रत्यय अलग-अलग करके लिखिए-

(क) नकली	-	.....	+	.....	(ख) बचपन	-	.....
(ग) भिन्नता	-	.....	+	.....	(घ) जवानी	-	.....
(ङ) प्रचलित	-	.....	+	.....	(च) बुढ़िया	-	.....
(छ) आरोही	-	.....	+	.....	(ज) कठिनतम	-	.....
(झ) नगरीय	-	.....	+	.....	(ञ) फिल्मी	-	.....
(ट) आंतरिक	-	.....	+	.....	(ठ) शुरुआती	-	.....
(ड) लिखावट	-	.....	+	.....	(ढ) राष्ट्रीय	-	.....
(ण) रोज़ाना	-	.....	+	.....	(त) योग्यता	-	.....
(य) नियमित	-	.....	+	.....	(द) मेहरबानी	-	.....
(घ) शांतिपूर्ण	-	.....	+	.....	(न) सांप्रदायिक	-	.....

2. निम्नलिखित प्रत्ययों से दो-दो शब्द बनाकर लिखिए-

(क) कार	-	.....	,	.....	(ख) खोर	-	.....
(ग) त्व	-	.....	,	.....	(घ) वाला	-	.....
(ङ) ता	-	.....	,	.....	(च) ईला	-	.....
(छ) आई	-	.....	,	.....	(ज) पन	-	.....
(झ) आहट	-	.....	,	.....	(ञ) इत	-	.....
(ट) ई	-	.....	,	.....	(ठ) इमा	-	.....
(ड) आनी	-	.....	,	.....	(ढ) गर	-	.....
(ण) इन	-	.....	,	.....	(त) आवट	-	.....
(य) मान	-	.....	,	.....	(द) आलु	-	.....
(घ) मीरी	-	.....	,	.....	(न) वाज़	-	.....

SANT NIRANKARI PUBLIC SCHOOL  
AVTAR ENCLAVE, PASCHIM VIHAR  
CLASS IX  
HINDI WORKSHEET- III

संत निरंकारी पब्लिक स्कूल  
अवतार एन्क्लेव  
कक्षा - नवीं  
विषय - हिंदी

कार्यपत्रक

1. अनौपचारिक पत्र

- (i) समय के सुदुपयोग एवं अचित प्रबंधन के विषय में पिता की ओर से पुत्र को पत्र लिखना।  
(ii) अपने मित्र को वाद-विवाद प्रतियोगिता में प्रथम आने के लिए बधाई पत्र लिखना।

2. अनुच्छेद

- (i) जीवन में खेलकूद का महत्व  
संकेत बिंदु - • स्वस्थ जीवन • स्वस्थ शरीर में  
स्वस्थ मास्तरक • समस्त गुणों का विकास  
• स्वस्थ मनोरंजन का साधन

- (ii) वृक्षारोपण: एक आवश्यकता  
संकेत बिंदु - • वृक्षारोपण की आवश्यकता •  
• वृक्ष: प्रकृति का अनुपम वरदान  
• पर्यावरण के रक्षक • हमारा कर्तव्य

SANT NIRANKARI PUBLIC SCHOOL  
AVTAR ENCLAVE, PASCHIM VIHAR  
CLASS IX  
HINDI WORKSHEET- IV

1. अर्थ के आधार पर निम्नलिखित वाक्यों के भेद लिखिए

(i) वर्षा होने के कारण नालियाँ भर गईं।

.....

(ii) आज ममता विद्यालय नहीं आई है।

.....

(iii) क्या आप फ़िल्म देखने नहीं चलेंगे?

.....

(iv) यदि अच्छे अंक आएँगे तो छात्रवृत्ति मिलेगी।

.....

(v) अरे! यह गीत तुमने लिखा है। .....

(vi) संभवतः इस साल सिग्नेचर ब्रिज का काम पूरा हो जाए। .....

(vii) काश! महँगाई कम हो जाती। .....

(viii) इस प्रश्न का उत्तर लिखकर लाना।

2. नीचे दिए गए वाक्य-भेदों के उदाहरण लिखिए –

- (i) विधानवाचक वाक्य .....
- (ii) आज्ञावाचक वाक्य .....
- (iii) संदेहवाचक वाक्य .....
- (iv) संकेतवाचक वाक्य .....
- (v) निषेधवाचक वाक्य .....
- (vi) इच्छावाचक वाक्य .....
- (vii) विस्मयवाचक वाक्य .....
- (viii) प्रश्नवाचक वाक्य .....

3. निम्नलिखित वाक्यों को निर्देशानुसार बदलकर लिखिए।

- (i) विदेशी होकर भी वह हिंदी बोलती है।  
(विस्मयवाचक)
- (ii) पछताने से बचने के लिए कठोर परिश्रम करो।  
(संकेतवाचक)
- (iii) सुबह होते ही फूल खिलने लगे। (विस्मयवाचक)
- (iv) ताकतवर होते हुए भी वह हार गया।  
(प्रश्नवाचक)
- (v) हरिद्वार जाकर मैं गंगास्नान नहीं करूँगा।  
(विधानवाचक)
- (vi) चिड़ियाँ यहाँ आकर दाना चुगती हैं।  
(इच्छावाचक वाक्य)
- (vii) प्रांजल स्वस्थ होने के साथ धनी भी है।  
(निषेधवाचक वाक्य)

(viii) वह अपने माता-पिता की सेवा करता है।

(इच्छावाचक वाक्य)

(ix) संपन्न होने के कारण वह अधिक खर्च करता है।

(निषेधवाचक वाक्य)

(x) काश! इस पुस्तक को ध्यानपूर्वक पढ़ते।

(आज्ञावाचक वाक्य)

(xi) सुंदर दृश्य है। (विस्मयवाचक वाक्य)

(xii) उसने बाज़ार जाकर जूते नहीं खरीदे।

(विधानवाचक वाक्य)

(xiii) खेमू बरतन साफ़ करता है। (आज्ञावाचक वाक्य)

(xiv) हम घूमने जाते हैं। (इच्छावाचक वाक्य)

(xv) सुबह की पहली बस पकड़ने से ही समय पर

पहुँचोगे। (सकेतवाचक वाक्य)



5. The graph of the linear equation  $2x + 3y = 6$  cuts the  $y$ -axis at the point
- (A)  $(2, 0)$       (B)  $(0, 3)$   
 (C)  $(3, 0)$       (D)  $(0, 2)$
6. The equation  $x = 7$ , in two variables, can be written as
- (A)  $1 \cdot x + 1 \cdot y = 7$       (B)  $1 \cdot x + 0 \cdot y = 7$   
 (C)  $0 \cdot x + 1 \cdot y = 7$       (D)  $0 \cdot x + 0 \cdot y = 7$
7. Any point on the  $x$ -axis is of the form
- (A)  $(x, y)$       (B)  $(0, y)$       (C)  $(x, 0)$       (D)  $(x, x)$
8. Any point on the line  $y = x$  is of the form
- (A)  $(a, a)$       (B)  $(0, a)$       (C)  $(a, 0)$       (D)  $(a, -a)$
9. The equation of  $x$ -axis is of the form
- (A)  $x = 0$       (B)  $y = 0$       (C)  $x + y = 0$       (D)  $x = y$
10. The graph of  $y = 6$  is a line
- parallel to  $x$ -axis at a distance 6 units from the origin
  - parallel to  $y$ -axis at a distance 6 units from the origin
  - making an intercept 6 on the  $x$ -axis.
  - making an intercept 6 on both the axes.
11.  $x = 5, y = 2$  is a solution of the linear equation
- (A)  $x + 2y = 7$     (B)  $5x + 2y = 7$     (C)  $x + y = 7$       (D)  $5x + y = 7$
12. If a linear equation has solutions  $(-2, 2), (0, 0)$  and  $(2, -2)$ , then it is of the form
- (A)  $y - x = 0$       (B)  $x + y = 0$   
 (C)  $-2x + y = 0$       (D)  $-x + 2y = 0$
13. The positive solutions of the equation  $ax + by + c = 0$  always lie in the
- 1st quadrant      (B) 2nd quadrant
  - 3rd quadrant      (D) 4th quadrant



Fig. 4.1

iv) The graph given below represents the linear equation  $Y$   
 $x = 3$  (see Fig. 4.2).

v) The coordinates of points in the table:

$x$	0	1	2	3	4
$y$	2	3	4	-5	6

represent some of the solutions of the  
equation

$$x - y + 2 = 0.$$

vi) Every point on the graph of a linear equation  
in two variables does not represent a solution  
of the linear equation.

vii) The graph of every linear equation in two variables need not be a line.

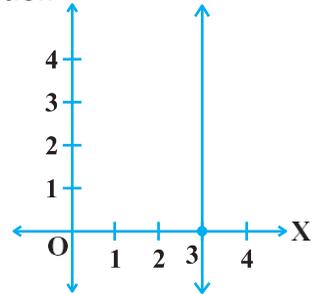


Fig. 4.2

**SANT NIRANKARI PUBLIC SCHOOL  
AVTAR ENCLAVE  
PASCHIM VIHAR  
ASSIGNMENT 2  
CLASS IX  
MATHEMATICS**

**Given on 22<sup>ND</sup> APRIL**

**Submit on 25<sup>TH</sup> APRIL**

1. Which of this statement are axioms, postulates, definition, theorem?
  - a. If equals are added to equals, the wholes are equal
  - b. The edges of a surface are lines
  - c. All right angles are equal to one another
  - d. If first thing is greater than second and second is greater than third, then first is greater than third
  - e. The whole is greater than the part
  - f. Two distinct lines cannot have more than one point in common
  - g. For every line  $l$  and for every point  $p$  not lying on the line  $l$ , there exists a unique line  $m$  passing through  $p$  and parallel to  $l$
2. Define each of the following terms
  - a. Parallel lines
  - b. Angle
  - c. Line segment
  - d. Radius of a circle
  - e. Square
  - f. Quadrilateral
3. True or false statement
  - a. In geometry, we take point, line and plane as undefined term
  - b. Two lines drawn in a plane always intersect at a point
  - c. Only one line can pass through points  $x$  and  $y$
  - d. If two circle are equal, there radii is also equal
  - e. Three points are concurrent if they have only one common point
  - f. The statements that are proved are called postulates
  - g. The whole is greater than the part is a postulate
  - h. If the area of square  $x$  equals to the area of rectangle  $y$  and the area of rectangle  $y$  is equal to area of circle  $z$ , then area of square  $x$  equals to area of circle  $z$ .
4. It is known that  $x + y = 10$  and that  $x = z$ . Show that  $z + y = 10$ ?

5. Euclid belongs to
  - a. Greece
  - b. Italy
  - c. Germany
  - d. Egypt
6. Ram salary is equal to mohan salary, due to recession, the salaries of ram and mohan are made half. The final salary of ram will still be equal to mohan.
  - a. 1st axiom
  - b. 7th axiom
  - c. 6<sup>th</sup> axiom
  - d. 2<sup>nd</sup> axiom
7. It is known that if  $p+q=11$  then  $p+q+r=11+r$ . The euclid axioms that illustrates this statement is
  - a. 1st axiom
  - b. 3<sup>th</sup> axiom
  - c. 4<sup>th</sup> axiom
  - d. 2<sup>nd</sup> axiom

**SANT NIRANKARI PUBLIC SCHOOL**  
**AVTAR ENCLAVE**  
**PASCHIM VIHAR**  
**ASSIGNMENT 3**  
**CLASS IX**  
**Mathematics**

Given on 30<sup>th</sup> April

Submit on 2<sup>nd</sup> May

1.  $\sqrt{12} \times \sqrt{15} =$

a. 5

b.  $5\sqrt{6}$

c.  $6\sqrt{5}$

d. 6

2. Which of the following is equal to 'x'?

a.  $\sqrt[12]{(x^4)^{\frac{1}{3}}}$

b.  $x^{\frac{12}{7}} \times x^{\frac{7}{12}}$

c.  $(\sqrt{x^3})^{\frac{2}{3}}$

d.  $x^{\frac{12}{7}} - x^{\frac{5}{7}}$

3. An irrational number between 5 and 6 is

a. none of these

b.  $\sqrt{5+6}$

c.  $\sqrt{5-6}$

d.  $\sqrt{5 \times 6}$

4.

$2\sqrt{3} + \sqrt{3}$  is equal to

a.  $2\sqrt{6}$

b.  $3\sqrt{6}$

c. 3

d.  $3\sqrt{3}$

5.

If  $x = 3 + \sqrt{8}$  then the value of  $\left(x^2 + \frac{1}{x^2}\right)$  is

a. 32

b. 34

c. 6

d. 12

6. Fill in the blanks:

The two rational number which are their own multiplicative inverses are\_\_\_\_\_

7. Fill in the blanks:

The value of  $\frac{2}{\sqrt{5}-\sqrt{3}}$  is\_\_\_\_\_.

8. Find:  
 $125^{\frac{-1}{3}}$
9. Identify whether  $\sqrt{45}$  is rational number or irrational number.
10. Write the decimal form and state its kind of decimal expansion  $\frac{36}{100}$
11. Simplify the expression:  $(\sqrt{5} - \sqrt{2})(\sqrt{5} + \sqrt{2})$
12. Find three different irrational numbers between the rational numbers  $\frac{5}{9}$  and  $\frac{9}{11}$
13. Rationalize a denominator of the following:  $\frac{\sqrt{3}-1}{\sqrt{3}+1}$
14. Prove that:  $\frac{3^{-3} \times 6^2 \times \sqrt{98}}{5^2 \times \sqrt[3]{1/25} \times (15)^{-4/3} \times 3^{1/3}} = 28\sqrt{2}$

**GIVEN DATE: 18/4/2020**

**SUBMISSION DATE: 20/4/2020**

**SANT NIRANKARI PUBLIC SCHOOL  
AVTAR ENCLAVE, PASCHIM VIHAR**

**CLASS IX**

**BIOLOGY WORKSHEET- II**

**CH- The fundamental unit of life**

1. Write three different types of plastids?
2. Give one example of osmosis.
3. What is plasmolysis in a plant cell?
4. Write the two cells which keep on changing their cells.
5. Expand DNA.
6. Why plant cells have large shaped vacuole?
7. Why is endocytosis found in animals only?
8. What happens if someone drinks salty water?
9. Write the two conditions for osmosis.
10. State True or False: Eukaryotic cells are larger in size than a prokaryotic cell.

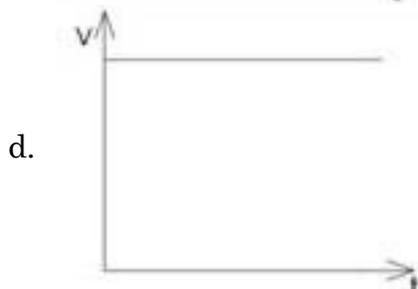
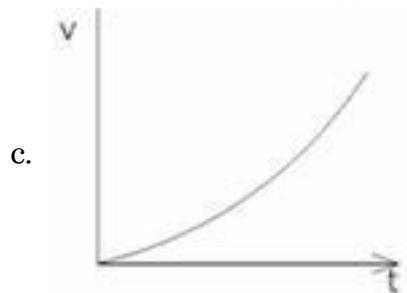
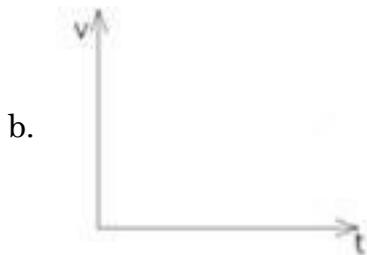
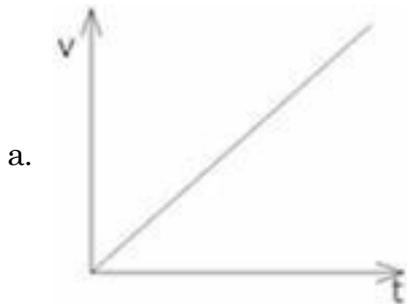
**SANT NIRANKARI PUBLIC SCHOOL**  
**AVTAR ENCLAVE, PASCHIM VIHAR**  
**CLASS IX**  
**P+C WORKSHEET- II**  
**CH- MOTION**

NAME: \_\_\_\_\_

M.M. 20

1. If a body is at rest, then its velocity-time graph is

1



2. Which of the is true for displacement?

1

- A) It cannot be zero
- B) Its magnitude is greater than the distance travelled by the object.
- C) It's the shortest distance between initial & final position.

D) It is a vector quantity.

- a. (A), (B) and (C) are correct
- b. (A) and (B) are correct
- c. All of these
- d. (C) and (D) are correct

3. Suppose a boy is enjoying a ride on a merry-go-round which is moving with a constant speed of  $10\text{ms}^{-1}$ . It implies that the boy is **1**
- a. moving with no acceleration
  - b. at rest
  - c. in accelerated motion
  - d. moving with uniform velocity
4. What does the slope of velocity-time graph gives? **1**
- a. acceleration
  - b. force
  - c. displacement
  - d. distance
5. What does the odometer of an automobile measure? **1**
6. Define the term "displacement". **1**
7. State SI unit of speed. **1**
8. Why rest and motion are called relative terms? **3**
9. A farmer moves along the boundary of a square field of side 10 m. in 40 s. What will be the magnitude of displacement of the farmer at the end of 2 minutes 20 seconds **3**
10. A stone is thrown in a vertically upward direction with a velocity of  $5\text{ms}^{-1}$ . If the acceleration of the stone during its motion is  $10\text{ms}^{-2}$  in the downward direction, what will be the height attained by the stone and how much time will it take to reach there? **3**
11. Derive the second equation of motion  $S= ut + \frac{1}{2} at^2$  graphically? **4**

SANT NIRANKARI PUBLIC SCHOOL  
AVTAR ENCLAVE, PASCHIM VIHAR  
CLASS IX  
SST WORKSHEET- IV

DATE :

14/04/2020.

Subject: Economics  
THE STORY OF VILLAGE

PAGE NO.

DATE / /

PALAMPUR'

TUESDAY

WORK-SHEET-2.

- 1) Describe the main features of the village Palampur.
- 2) Differentiate between Kharif season (crop) and Rabi Season (crop).
- 3) Describe the distribution of land among farmers in Palampur.
- 4) Write three features of small-scale manufacturing as non-farming activity in Palampur.
- 5) What can be done so that more non-farm activities can be started in village.

14/04/2020 ACTIVITY: (Multiple Assess.) Submission on:

DRAW A BEAUTIFUL VILLAGE SCENE. 16/04/2020.

VILLAGE SCENE

SANT NIRANKARI PUBLIC SCHOOL  
AVTAR ENCLAVE, PASCHIM VIHAR  
CLASS IX

SST WORKSHEET- V

CH- WHAT IS DEMOCRACY? WHY DEMOCRACY?

A. Fill in the blanks:

10

1. In a democracy, the final decision-making power rests with those elected by the .....
2. A democracy must be based on a ..... and ..... election where those currently in power have a fair chance of .....
3. In Saudi Arabia, women do not have the right to .....
4. Democracy is based on a fundamental principle of political .....
5. Zimbabwe attained independence from ..... minority rule in 1980.
6. A democratic decision always involves many persons, ..... and .....
7. Modern democracies involve such a large number of people that it is physically ..... for them to sit together and take a ..... decision.
8. Democracy offers better chances of a good .....
9. The most common form that democracy takes in our times is that of a ..... democracy.
10. .... is a major party of Mexico.

B. Write 'T' for true and 'F' for false statements:

10

1. Pakistan under General Pervez Musharraf can be called a democracy.
2. Popular governments can never be undemocratic and popular leaders can never be autocratic.
3. Elections offer a choice and fair opportunity for the people to change their current rulers.
4. Democracy is the only form of government in which there is no corruption at all.
5. Democracy is better than other forms of government in responding to the needs of the people.
6. Democracy is helpless in enhancing the dignity of citizens.
7. Democracy can get us everything and is a solution to all problems.
8. The leader of ZANU-PF is Robert Mugabe.
9. Rule of law refers to a government that rules within limits set-up by the Constitutional law and citizen's right.
10. General Pervez Musharraf led a military coup in Oct. 1997 in Pakistan.



**C. Answer the following questions:**

**1. Why is democracy considered the best form of government? Write in detail.**

5

Ans. ....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

**2. Write a response to the following arguments against democracy.**

3

- (a) Army is the most disciplined and corruption-free organisation in the country. Therefore, army should rule the country.
- (b) Rule of the majority means the rule of ignorant people. What we need is the rule of the wise, even if they are in small numbers.
- (c) If we want religious leaders to guide us in spiritual matters, why not invite them to guide us in politics as well. The country should be ruled by religious leaders.

Ans. ....  
.....  
.....  
.....

**SANT NIRANKARI PUBLIC SCHOOL  
AVTAR ENCLAVE, PASCHIM VIHAR  
CLASS IX  
SST WORKSHEET- VI**

**A. Complete the following:**

$\frac{1}{2} \times 10 = 5$

- |  |  |
|--|--|
| <p>1. Education : Human capital<br/>..... : Physical capital</p> <p>2. Higher education : Better jobs<br/>Higher skills : .....</p> <p>3. Agriculture : Green revolution<br/>Information technology : .....</p> <p>4. Human resource : .....<br/>Population : Human capital</p> <p>5. Forestry : Primary<br/>Quarrying : .....</p> | <p>6. .... : Market activities<br/>Self-consumption : Non-economic activities</p> <p>7. Education : Tertiary<br/>Mining : .....</p> <p>8. Low education : Low salary<br/>..... : More salary</p> <p>9. Low income : Unorganised sector<br/>High Income : .....</p> <p>10. Japan : Developed nation<br/>India : .....</p> |
|--|--|

**B. Write 'T' for true and 'F' for false statements:**

$1 \times 5 = 5$

1. Urban areas have seasonal unemployment.
2. Increase in unemployment is an indicator of depressed economy.
3. All states of India have basic health facilities.
4. Infant mortality rate is death of a child under 5 years of age.
5. The tenth five year plan endeavoured to increase enrolment in higher education.


**C. Match the following:**

$1 \times 5 = 5$

- | Column I (Activity) | Column II (Sector)  |
|---------------------|---------------------|
| 1. Poultry farming  | (a) Organised ( )   |
| 2. Communication    | (b) Primary ( )     |
| 3. Manufacturing    | (c) Tertiary ( )    |
| 4. Maid             | (d) Unorganised ( ) |
| 5. Administration   | (e) Secondary ( )   |
|                     | (f) Non-market ( )  |

**D. Tick the correct answer:**

1. One feature of an unorganised sector  
Irregular employment / More facilities / High salary
2. On what basis is the growth rate of a country decided?  
Literacy / Health / Quality of population
3. Elementary education is provided to all children under the age group of  
4-14 years / 6-14 years / 6-16 years
4. What is the step taken by the government to increase retention among children?  
Sarva Shiksha Abhiyan / IT / Midday meals
5. Which one of the following is an indicator of good quality of life marked by self-confidence?  
Increase in longevity of life / Increase in literacy levels / Increase in income

**E. Answer the following questions:**

1. State differences between market and non-market activities.

Ans. ....  
.....  
.....  
.....  
.....

2. Women are paid for their work when they enter the labour market. Explain.

Ans. ....  
.....  
.....  
.....  
.....

**SANT NIRANKARI PUBLIC SCHOOL**  
**AVTAR ENCLAVE PASCHIM VIHAR**  
**CLASS : IX**  
**SUBJECT : INFORMATION TECHNOLOGY (402)**  
**UNIT – 1 COMMUNICATION SKILLS**

DATE: 15/04/2020

SUBMISSION DATE: 27/04/2020

**Multiple Choice Questions:**

---

1. Interacting with others while exchanging information is called \_\_\_\_\_.
  - a. Encoding
  - b. Decoding
  - c. Messaging
  - d. Communication
2. Communication process involves which of the following?
  - a. Sender
  - b. Message
  - c. Communication channel
  - d. All of these
3. \_\_\_\_\_ is the responsibility of the message receiver.
  - a. Encoding
  - b. Decoding
  - c. Sending
  - d. None of these
4. The prime characteristics of a well encoded message are:
  - a. Clear and complete
  - b. Complete and correct
  - c. Clear and correct
  - d. All of these
5. Video conferencing is which type of communication channel?
  - a. Oral
  - b. Technology-based
  - c. Written
  - d. All of these
6. Response to the received message is called \_\_\_\_\_.
  - a. Feedback
  - b. Decoding
  - c. Encoding
  - d. Communication
7. "I want this done right away!" is what kind of message?
  - a. Authoritative
  - b. Rude
  - c. Both a) and b)
  - d. Polite
8. Effective communication needs which of the following?
  - a. Mutually accepted communication code
  - b. Well encoded and carefully decoded message
  - c. Receiver's response to the communicated message
  - d. All of these

9. Which of the following ensures proper decoding of the message?
  - a. Better listening
  - b. Attention
  - c. Both a) and b)
  - d. Discipline
10. Which of the following is not an environmental barrier in communication?
  - a. Noise
  - b. Temperature
  - c. Light
  - d. Defective communication medium
11. Emotional state aids in which type of barrier in effective communication?
  - a. Barrier to effective listening
  - b. Environmental barrier
  - c. Situational barrier
  - d. Barriers related to personality traits
12. Verbal communication includes which of the following?
  - a. Oral
  - b. Written
  - c. Both a) and b)
  - d. None of these
13. Which of the following does not constitute non-verbal communication?
  - a. Expressions
  - b. Silence
  - c. Duration of communication
  - d. Gestures
14. Which of the following statements are false?
  - a. Written communication complements non-verbal communication
  - b. Oral communication has no legal value.
  - c. Non-verbal communication complements oral communication.
  - d. You cannot stop non-verbal communication.
15. Which of the following is most costly mode of communication?
  - a. Verbal
  - b. Written
  - c. Audio-visual
  - d. Oral
16. Which of these is false about the article "The"?
  - a. It is not used before abstract nouns.
  - b. It is not used before plural and proper nouns.
  - c. It used before a specific nouns.
  - d. "The" is a definite article and all the above are true about it.

## Exercise of Unit – 1 Communication Skills

1. What do you mean by the term *Communication*? List the features of effective communication.
2. You need to prepare for a classroom presentation of 10 minutes. How will you ensure effective communication while presenting?
3. Describe any 2 communication barriers.
4. You are conversing with your friend about something important in a roadside open café in a crowded market. Your friend has to rush to receive his mother from the airport also. What are the communication barriers in this scenario. How these could have been taken care of?
5. Briefly explain the terms *Coding* and *Decoding* taking a simple example.
6. Describe communication cycle with a simple example.
7. How oral communication different from written communication?
8. List the advantages of written communication.
9. List any 4 body language features that influence our communication.
10. Explain briefly how verbal and non-verbal communication occurs using Audio-visual aids.