

Delhi Public School, Srinagar

Worksheet -02 English

Class IX

WRITING

NOTICE

- A notice is a piece of information regarding an important event that is about to happen or that has happened. It is publicly displayed---a kind of information for others to know and follow.

Listed below are few points that should be kept in mind while writing a notice

1. Put the notice in a box
2. Name of the issuing authority/organization
3. Date
4. Subject of the notice
 - The message with essential details
 - Date ,time ,venue
 - Extra information
 - Signature of person issuing the notice
 - Name of person issuing the notice
 - Designation of the person issuing the notice

SAMPLE NOTICE

Q. You are Mansi/ Manav Gupta, head girl/boy of St.Marrys school. Your school is organizing remedial classes for students of classes V to XII, “revise” after school hours from first August. All students who have secured less than 60%marks in the first terminal examination in any subject must attend the classes. Classes will be held from 2:30 pm to 4:30 pm. Lunch will also be provided to the students on request. Write a notice for the school notice board informing the students about the “Revise”. Do not exceed 50 words. Put the notice in a box.

St. Mary's school

June 30,2016

NOTICE

REVISE-Remedial Classes for weak students

Compulsory remedial classes "Revise" for those students of classes V to XII who have secured less than 60% marks in the first terminal examination will be organized from first August 2016 after school hours from 2:30 to 4:30 pm. Lunch will be provided on request. For further details contact the undersigned:

Mansi Gupta
Head Girl

MESSAGE

A message is a short, informal piece of writing conveying the information to a person for whom the information was intended but who was not at hand to receive the information.

1. Give the heading as 'MESSAGE'
2. The heading should be followed by date and time.
3. Keep the salutation and signature short.
4. The message should be crisp, concise and provide all the relevant information.
5. Don't write any additional information that is not given in the conversation.
6. The concluding part of the message should have the name of the person who is writing the message.

SAMPLE

The following is a telephonic conversation between Mrs. Leena and Shriya. Identify the name of the person to whom the message needs to be written. Word limit 80 words

MRS LEENA: Hello, can I speak to Shalini?

SHRIYA: Sorry, she is not at home at the moment .I am her daughter, Shriya speaking. Can I take the message please?

MRS LEENA: Sure! We got a circular at school today saying that there is a staff meeting at 8 AM tomorrow and all the teachers are expected to be presently in the staff room on time so that we finish the meeting before the school assembly, Since she had not come to school, I thought I would call her up and inform her.

SHRIYA: Sure, I would inform her without fail.MRS LEENA: Thank you Shriya. Bye.

MESSAGE

June 30,2016

07:30 PM

Mom,

Your colleague, Mrs .Leena called up to inform that you need to be present at the staff room sharp at 8 AM tomorrow for a meeting that is scheduled to be completed before the school assembly.

Shriya

EXERCISES

Q1.Your school has decided to introduce **Mass Media Studies** as a subject under the vocational stream. This is going to help students who want to pursue a career in films, its production and other attached fields, Write a notice for your school board informing all students who are studying in class X regarding the course.

Q2. Mr. Rajan, the English tuition teacher of Paul, has a message for him. Paul's brother, David, attends the call but is in a hurry to leave to the railway station to pick up his uncle, He leaves a note to his brother, based on the conversation below, write the message that David has to convey to his brother.

Mr. Rajan: Hello, I am Paul's Tuition teacher speaking. I need to convey an urgent message to him. Can I please speak to Paul, please?

David: Sir he is not at home at the moment .He may be back after an hour. I am his brother, David. Could you please let me know what the message is?

Mr. Rajan: I need to leave to Chennai this Saturday morning. I have re-scheduled the session to tomorrow morning 7 am. Please ask him to be prepared for a revision test and also ask him to carry his literature reader book to the class without fail.

David: Sure sir. I will pass on this message to him.

Mr .Rajan: Thank you David, Bye.

STORY

The important aspects while writing a story are:

- **Title**
- **Plot-----It has six essential parts (Exposition ,conflict, rising action, climax, falling action, resolution)**
- **Theme**
- **Characters**

- Mood and setting
- Point of view(the angle from which the story is told)
- Language

Q. Sometimes I feel my friend has supernatural powers. Last night when I was chatting with him.....

Complete the story in 150-200words. Give a suitable title to your story.

GRAMMAR

TENSES

Complete the following paragraph by filling the blanks with a verb in the appropriate tense.

Notebook Drive, that(1)_____as a local charitable initiative of the IISC a couple of years back,(2)_____its wings across the country through the programme, students provide notebooks, stationery, etc to poor students and (3)_____drop outs in primary schools. Two IISC students who (4)_____in Pune and Haryana, have(5)_____this idea in their places of work. One of them said that it(6)_____the desire to help the needy that (7)_____him start the drive in his place of work. He added that when he went to Pune, he (8)_____that something was missing. Problem he (9)_____there was finding like –mind it people. He said that he had found three people and together they(10)_____Notebook Drive.

Complete the following passage using the correct forms of the verbs given in the brackets:

When I reach home, my dog (a)_____(sit) at the door, waiting for me. I (b) _____(carry) something for him to eat. My poor dog ,I am (c) _____ (give) him a nice treat. He (d)_____(remember) for days to come .Well, my bus (e)_____(be)about to arrive in another ten minutes .It (f)_____(take) me only five minutes to pick up some meat from the store.

DETERMINERS

Determiners are words that precede and modify nouns. Determiners include:

- 1. Articles- A, An, The**
- 2. Quantifiers- many, a few, a little, plenty, some etc**
- 3. Demonstratives- this , that, those, these etc**
- 4. Possessives- my, mine, her, his etc**

Exercise

Fill in the blanks using suitable determiners.

1. They say _____ knowledge is a bad thing.
2. _____ people know as much about computers as Subash does.
3. It seems to me that we have had _____ assignments in English this term.
4. _____ of the anger you experience can be attributed to being overworked.
5. _____ dog has been with _____ man for _____ thousands of years.
6. Here are _____ few good manners for those who use telephone.
7. When I was going for a walk, I heard _____ one shriek.
8. National parks play _____ important part in _____ economic life of the people.

LITERATURE

1. Explain the difference between Education & Literacy with reference to "How I taught my Grandmother to read"
2. Explain the statement "student had passed with flying colors" .
3. How do we know that her grandparent's village was very remote?
4. Give examples that justify the fact that the grandmother was a good student.
5. What was the motivation behind the grandmother's decision to learn the Kannada alphabet even in her old age?
6. Explain in brief the message that the poet wants to convey while describing the brook's journey?
7. How does the poet use the brook to draw a parallel with the life of the man?
8. Explain the lines "For men may come and men may go but I go on forever"
9. Describe the various things a brook travels past to join the river.
10. Explain refrain, onomatopoeia and symbolism with examples from the poem "The Brook".

NOVEL

1. List the amazing qualities of people of Lilliput.
2. Why Gulliver does not fight and escape from Lilliput although he can do so easily on his own strength? What is your opinion?
3. The diversions described in the chapter are very innovative, unusual and daring for Lilliputians who are just six inches tall. Discuss
4. Who is awarded the title of Nardac in Lilliput? Why is the person given the title by Lilliput emperor?
5. What makes the script of language unique? Explain.
6. In the country of giants, Gulliver often recalls his days in Lilliput. Why does he remember the tiny people? In what way his thoughts reflect upon human nature?
7. How does Gulliver deal with the troublesome insects(flies/wasps)in the king's court?

DELHI PUBLIC SCHOOL, SRINAGAR

Class: IX

Work Sheet-2

Social Science

- Q1. "The revolutionary government took it upon themselves to pass laws that would translate the ideal liberty and equality into everyday practice." Discuss the statement with special emphasis on abolition of censorship.
- Q2. Women in France were dissatisfied with the constitution of 1791. Explain what laws the revolutionary government introduced to improve lives of its women.
- Q3. On 4th August 1789 many important decisions were taken by the National Assembly led by Third Estate. Describe at least five of them.
- Q4. Access the policies of Salvador Allende after his election as president of Chile in 1970.
- Q5. Describe any four important reasons for the spread of democracy in contemporary world.
- Q6. Examine the Poland's transition from communist state to democratic state.
- Q7. What do you understand by the standard time? Why $82^{\circ}30'E$ has been selected as standard time of India?
- Q8. Why is the difference between the duration of day and night hardly felt at Kanyakumari but not so in Kashmir?
- Q9. Before 1947, states of India were classified differently than present day states. Explain.
- Q10. How has modern farming methods led to the loss of soil fertility?

- Q11. Why are the wages for farm labourers in Palampur less than the minimum wages set by the government?
- Q12. How did the spread of electricity help farmers in Palampur?
- Q13. "While National Assembly was busy at Versailles drafting constitution the rest of France seethed with turmoil". Justify.
- Q14. Napoleon, after becoming the first consul of France, he introduced various measures to strengthen his empire. State any five measures introduced by him.
- Q15. Democracy has evolved from three revolutions from last 350 years. Explain the contribution of each revolution in the evolution of modern democracy.
- Q16. "China is a non democratic country". Give three arguments to prove the statement.
- Q17. Why do you think India enjoyed close contacts with outside world in the past? Explain with examples.
- Q18. Evaluate the significance of India's Location on the globe.
- Q19. Give any five ways of increasing production on the same piece of land. Explain them briefly.
- Q20. How has the land been distributed between farmers of Palampur? Do you find the same inequality in the distribution of agricultural land in Indian villages?

दिल्ली पब्लिक स्कूल , श्रीनगर

कक्षा : नवमी

अभ्यास पत्र -2

नाम ----- अनुक्रमांक -----

प्रश्न१ :- अपठित काव्यांश

हम दीवानों की क्या हस्ती,

है आज यहाँ कल वहाँ चले।

मस्ती का आलम साथ चला।

हम धूल उड़ाते जहाँ चले।

आँसू बनकर उल्लास अभी,

सब कहते ही रह गए अरे।

तुम कैसे आए, कहाँ चले?

उपर्युक्त काव्यांश को पढ़कर निम्नलिखित प्रश्नों के उत्तर लिखिए_

१.इन पंक्तियों में दीवाना शब्द किस अर्थ में प्रयुक्त हुआ है?

२.दीवाने अपने स्वाभाव के संबंध में क्या बता रहे हैं?

३.आए बनकर उल्लास अभी आँसू बनकर वह चले अभी का आशय

स्पष्ट करें।

४.इन पंक्तियों का उपयुक्त शीर्षक दें।

प्रश्न२:- निम्नलिखित शब्दों के दो-दो प्रत्यय लिखिए –

ईला , इश , आहट , आलू , दार

प्रश्न३:- निम्नलिखित उपसर्गों के दो-दो शब्द बनाइए -

अव , नि , परा , उप , अनु

प्रश्न४:- "जैसी संगति होई तैसा ही फल होई"- इस विषय पर एक अनुच्छेद

लिखिए-

प्रश्न ५:- दिल्ली दर्शन के लिए जा रही छोटी बहन को बाहर की वस्तुएँ न खाने

- पीने की सलाह देते हुए पत्र लिखिए -

प्रश्न ६:- पठित पाठ्यक्रम के आधार पर निम्नलिखित प्रश्नों के उत्तर लिखिए_

पद (रैदास) - कविता पर आधारित पुनरावृत्ति कार्य :-

1.भाव सपष्ट कीजिए -

(क) जैसे चितवत चंद चकोरा ।

(ख) तुम चंदन हम पानी ।

(ग) तुम मोती हम धागा ।

1. 2. नामदेव , कबीर , तिलोचन , सधना व सैनु कौन थे ?
2. 3. इस काव्यांश में कवि ने ईश्वर की किन विशेषताओं का उल्लेख किया है ?
3. (गिल्लू) को मुक्त करने के लिए लेखिका ने क्या उपाय किया ?
4. गोधूलि के विषय में अपने विचार लिखिए ? (धूल)
5. दुखी लोगों के प्रति हमारा क्या कर्तव्य है ? अपने विचार लिखिए ।
6. 7. पेड़ किस प्रकार फलता फूलता है ?
7. 8. सभी कार्य किस प्रकार संपन्न हो जाते हैं ?
8. 9. चित्रकूट में जाने से क्या होता है ?
9. लेखिका का ध्यान आकर्षित करने के लिए गिल्लू क्या करता था ?



DELHI PUBLIC SCHOOL SRINAGAR

Athwajan, Bye-pass Chowk-190004

TERM 1/IX / 2016

MATHEMATICS

Worksheet -2

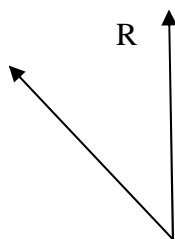
Section-A (Questions from 1 to 4 carry 1 mark each)

1. If the area of an equilateral triangle is $16\sqrt{3}$ cm, then its perimeter is?
2. Find the zero of the polynomial $p(x) = x$.
3. The distance of the point $(-6, -2)$ from y-axis is.
4. The complement of an angle 'm' is?

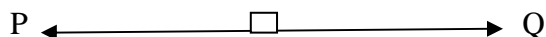
Section-B (Questions from 5 to 10 carry 2 marks each)

5. Represent $\sqrt{13}$ on the number line.
6. Prove that if a transversal intersects two parallel lines then each pair of alternate interior angles is equal.
7. Find the value of k if $(x - 1)$ is a factor of $4x^3 + 3x^2 - 4x + k$.
8. A policeman and a thief are equidistant from a jewel box. Upon considering jewel box as origin, the position of policeman is $(0,5)$, if the ordinate of the position of thief is zero, then write the coordinates of the position of the thief.
9. Find the cost of turfing a triangular field at the rate of Rs $5/m^2$ having lengths of its sides as 40m, 70m & 90m. (Take $\sqrt{20} = 4.47$).
10. Factorise $21x^2 - 2x + \frac{1}{21}$
11. If $\frac{2}{\sqrt{3}+\sqrt{5}} + \frac{5}{\sqrt{3}-\sqrt{5}} = a\sqrt{3} + b\sqrt{5}$, find a & b.
12. Factorise $a^{12}y^4 - a^4y^{12}$.
13. Factorise $x^2 + 3\sqrt{3}x - 30$.
14. If a transversal intersects two lines such that the bisectors of a pair of corresponding angles are parallel, then prove that the two lines are parallel.

15. In figure, POQ is a line. Ray OR is perpendicular to line PQ. OS is another ray lying between rays OP and OR. Prove that: $\angle ROS = \frac{1}{2}(\angle QOS - \angle POS)$.



S



16. Write the mirror image of the following points on X-axis and Y-axis:
- (2, -3)
 - (0, 4)
 - (3.5, -2)
 - (-2, 0.5)
 - (-5, -4.4)
 - (0.5, -1)
17. A field is in the shape of a trapezium whose parallel sides are 50 m and 15 m. The non-parallel sides are 20m and 25m. Prove that the area of the trapezium is $\frac{1300\sqrt{6}}{7}m^2$.
18. If $x^2 - 1$ is a factor of $px^4 + qx^3 + rx^2 + sx + t$, show that $p + r + t = q + s = 0$
19. If $a + b + c = 0$ then prove that $\frac{(b+c)^2}{3bc} + \frac{(c+a)^2}{3ac} + \frac{(a+b)^2}{3ab} = 1$
20. Represent \sqrt{x} on the number line where x is any positive real number.

Section-D (Questions from 21 to 31 carry 4 marks each)

21. Express $2.123333\dots$ in the form of $\frac{p}{q}$ where p and q are integers and q is non zero.
22. If $x = 3 - 2\sqrt{2}$, find $x^3 - \frac{1}{x^3}$
23. Simplify and factorise $(a + b + c)^2 - (a - b - c)^2 + 4b^2 - 4c^2$
24. The polynomial $bx^3 + 3x^2 - 3$ and $2x^3 - 5x + b$ when divided by $x - 4$ leaves the remainders R_1 and R_2 . Find the value of b if $2R_1 - R_2 = 0$
25. The side QR of ΔPQR is produced to a point S. If the bisectors of $\angle PQR$ and $\angle PRS$ meet at point T, then prove that $\angle QTR = \frac{1}{2} \angle QPR$.
26. The bisectors of $\angle ABC$ & $\angle BCA$ intersect each other at point O. Prove that $\angle BOC = 90^\circ + \frac{1}{2} \angle A$.
27. Evaluate : $(\sqrt{5 + 2\sqrt{6}}) + (\sqrt{8 - 2\sqrt{15}})$
28. If $a^2 + b^2 + c^2 = 280$ & $ab + bc + ca = 9/2$, find $(a + b + c)^3$.
29. Find the area of a triangle two sides of which are 18 cm and 10cm and the perimeter is 42cm.
30. Draw a quadrilateral with vertices A(2,2) B(2,-2) C (-2,-2) D(-2,2). Classify the quadrilateral and also find its area.
31. State and prove factor theorem?

Multiple Choice Questions

Q1. Force can change

- a) Velocity of a body
- b) Direction of a velocity
- c) Magnitude of a velocity
- d) All the above

Q2. SI unit of force is

- a) Newton
- b) Dyne
- c) Joule
- d) N-m

Q3. Rate of change of Momentum is known as

- a) Work
- b) Force
- c) Impulse
- d) Energy

Q4. Momentum of a body increases from 20kgm/s to 40kgm/s in 5 seconds, then the force applied is

- A) 4 N
- b) -4 N
- c) 12 N
- d) -12 N

Q5. If no external force acts on a body, then the quantity which remains conserved is

- A) Momentum
- b) Work
- c) Energy
- d) Mass

Q6. When a bullet is fired from a gun, it recoils. This is due to

- a) Conservation of Energy
- b) Mass
- c) Momentum
- D) None

Q7. When a body slides over the other body, then friction between them is known as

- a) Limiting friction
- b) Rolling friction
- c) Sliding friction
- d) Static friction

Q8. The friction in the case of bodies that moves rollers is known as

- a) Rolling friction
- b) Sliding friction
- c) Static friction
- d) Limiting friction

Q9. Which of the following measures are taken to reduce friction

- a) Polishing
- b) Streamlining
- c) Using ball bearing
- d) All the above

Q10. Which is not a unit of pressure

- a) Pascal
- b) Atmosphere
- c) Bar
- d) Newton

Q11. A mug filled with water appears to be lighter when lifted inside water, due to

- a) Conservation of Momentum
- b) Archimedes principle
- c) Newton's law
- d) None

Q12. A block of relative density 5 is put in a liquid of density 2000kg/ms^3 , it will

- a) Sink
- b) Float
- c) Cannot say
- d) Insufficient data

Q13. Velocity of a particle increases from 10m/s to 15m/s after travelling a distance of 5m its acceleration is

- a) 12.5m/s^2
- b) 125m/s^2
- c) 1.25m/s^2
- d) 0.1m/s^2

Q14. A particle is moving in a circular path of radius r the displacement after half a circle would be

- a) Zero
- b) $2r$
- c) $2\pi r$
- d) π

Q15. In uniform circular motion velocity of particle is

- a) Constant
- b) Variable in magnitude
- c) Variable in direction
- d) Both

Q16. Area under velocity – time gives

- a) Displacement b) Acceleration c) Time d) Velocity

Q17. Suppose you push a wall then reaction force to this force is

- a) The force applied by the wall b) Weight of the wall c) Weight of your body d) None

Q18. A particle travels 100 meters after starting from rest in 10 seconds. Its acceleration is

- a) 2m/s^2 b) 4m/s^2 c) 1m/s^2 d) 20m/s^2

Q18. A particle travels with the speed of 18km/h its speed is m/s

- a) 5m/s b) 50m/s c) 64.8m/s d) 6.48m/s

Q19. Displacement-time graph of a uniformly accelerated motion is

- a) Parabola b) Straight line c) An inclined line d) None

Q20. A body is thrown vertically upward with velocity U_1 the greatest height to which it will rise is

- a) U/g b) $U^2/2g$ c) U^2/g d) $U/2g$

Sub: Chemistry

Class: 9th

Worksheet no: 2

Multiple Choice Questions

Q1. Colour of copper sulphate crystal is:

- a) Light blue b) Light green
c) Light brown d) light yellow

Q2. When liquid air is heated then out of argon, nitrogen and oxygen:

- e) Nitrogen evaporates first then argon.
f) Oxygen evaporates first then argon.
g) Argon evaporates first then oxygen.
h) Nitrogen evaporates first then oxygen.

Q3. Carbon disulphide at room temperature is a:

- a) Coloured gas b) Colourless gas
c) Colourless liquid d) Coloured liquid

Q4. When we start heating a mixture of sulphur powder and iron filings, the first thing we would observe is that:

A) Iron fillings start melting b) Sulphur starts melting

c) Mixture becomes red hot d) Mixture evaporate

Q5. Flame should not be brought near carbon disulphide while working with it because carbon disulphide:

A) Is supporter of combustion b) Dissolve sulphur

c) is highly inflammable d) is highly non-inflammable.

Q6. The correct observation when you mix barium chloride solution with sodium sulphate solution is that:

a) A white precipitate is formed after some time.

b) A yellow precipitate is formed after some time.

c) A white precipitate is formed instantaneously.

D) A yellow precipitate is formed instantaneously.

Q7. The property of flow is unique to fluids which one of the following is correct?

e) Only gases behave like fluids.

f) Gases solids behave like fluids

g) Gas and liquids behave like fluids.

h) Only liquids are fluids.

Q8. Large amount of a gas can be put into a small metallic cylinder due to the property of gas known as:

b) Evaporation b) compressibility

d) Sublimation d) Solidification

Q9. Gases can best be liquefied by:

e) Increasing pressure

f) Decreasing temperature

g) Increasing pressure and decreasing temperature

h) Decreasing pressure

Q10. The quantity of heat (in joules) required to convert one kilogram of a liquid at its boiling point at an atmospheric pressure is called:

c) Specific heat b) Heat capacity

d) Latent heat of melting d) Latent heat of vaporization

Q11. Which of the following is not a compound

b) Sugar b) Sand c) Glucose d) Silica

Q12. Which of the following is an example of colloidal solution?

- b) Blood b) Dust c) Sea water d) Tincture of Iodine

Q13. The light is On passing light through a colloidal solution.

- b) Absorbed b) Reflected c) Ink d) soil

Q14. Which of the following is a homogeneous mixture?

- b) Soda water b) Milk c) Ink d) Soil

Q15. Sulphur is soluble in:

- b) Water b) Ethanol c) carbon disulphide d) Benzene

Q16. Which of the following is sublimate?

- b) Iodine b) Oxalic acid c) Wax d) Sand

Q17. Which of the following is not heterogeneous mixture?

- b) Soil b) Blood c) Dirt d) Saline water

Q18. Which gas is present in aerated soft drinks?

- b) Nitrogen b) Carbon dioxide c) Carbon monoxide d) Hydrogen

Q18. Which of the following is not Metalloid?

- b) Boron b) Silicon c) Copper d) Germanium

Q19. Which of the following is an Emulsion?

- b) Butter b) Milk c) Curd d) Smoke

Q20. In a foam, which of the following is a dispersed phase?

- b) Solid b) Liquid c) Gas d) none of these

Q21. Which of the following is not a gel?

- a) Butter b) Cheese c) Curd d) Ink

Q22. Which of the following is a binary Mixture?

- a) Air b) Soft Drinks c) Steel d) Saline Solution

Q23. Alloy is a mixture of:

- a) Solid and Liquid b) Liquid and Solid c) Solid and Solid d) Liquid and gas

Q24. Which of the following is most malleable Metal?

- a) Gold b) Silver c)Aluminum d)Copper

Q25. Amalgam is a mixture of a metal and:

- a) Water b) Alcohol c) Mercury d) Benzene

Worksheet for class 9th Biology

Q1. To prepare a temporary mount of onion peel, which of the following stain is used?

- (a) Safranin (b) Methylene blue
(c) Iodine (d) None of the above

Q2. Cells are focused in microscope first in:

- (a) 100X (b) 40X
(C) 10X (D) None of the above

Q3. While observing a mount of onion peel under a microscope, cytoplasm is seen:

- (a) Inside the nucleus (b)Inside the cell wall but outside nucleus
(c) outside the cell wall (d) not seen at all

Q4. The plant cell excluding cell wall is known as:

- (a) Protoplasm (b) Protoplast
(c)Cytoplasm (d) None of the above

Q5. The membrane surrounding the vacuole of a plant cell is called:

- (a) Plasma membrane (b) cell wall
(c) Tonoplast (d) nuclear membrane

Q6. When a cell is mounted in glycerin:

- (a) Endosmosis takes place (b) exosmosis takes place
(c) Neither exosmosis nor endosmosis takes place
(d) None of the above

Q7. Given blow are four operations for preparing a temporary mount of human cheek cells:

- (i) Taking scraping from inner side of the cheek and spreading it on a clean slide.
- (ii) Putting a drop of glycerin on the material.
- (iii) Adding two or three drops of methylene blue
- (iv) Rinsing the mount with fresh water and disinfectant solution.

The correct common to both plant and animal cells are :

- (a) i – ii – iii – iv
- (b) iv – i – iii – ii
- (c) iv – i – ii – iii
- (d) i – iii – ii – iv

Q8. Which one of the following cell constituents cannot be seen while observing a human cheek cell?

- (a) Nucleus
- (b) cell wall
- (c) Cytoplasm
- (d) none of the above

Q9. Which of the following statement is false?

- (a) Definite shape of cell is seen in animals.
- (b) Plant cell have cell wall.
- (c) Definite shape of cell wall.
- (d) Animal cell do not have cell wall.

Q10. Cheek cells:

- (a) Have large intercellular space
- (b) no inters cellular space
- (c) Lignified space
- (d) space filled with pectin.

Q11. Amoeba acquires its food through a process, termed as

- (a) Exocytosis
- (b) endocytosis
- (c) Plasmolysis
- (d) exocytosis and endocytosis

Q12. A cell wall swells up if:

- (a) The concentration of water molecule in the cell is higher than the constration of water molecules in surrounding medium.
- (b) The concentration of water molecules in surrounding medium is higher than water molecule concentration in the cell.
- (c) The concentration of water molecule is same in the cell and in the surrounding medium.
- (d) Concentration of water molecule does not matter.

Q13. Which of the following are covered by a single membrane?

- (a) Mitochondria
- (b) vacuole

(c) Lysosome

(d) plastids

Q14. Starch solution gives blue colour with iodine solution. What will happen if the blue colour starch solution is boiled?

(a) Blue colour disappears

(b) a brick red colour appears

(c) No change

(d) blue colour becomes dark.

Q15. Which food sample you will select to test the presence of starch:

(a) Grape

(b) coconut

(c) Gram seed

(d) potato

Q16. Iodine gives blue black colour with:

(a) Protein

(b) oil

(c) Starch

(d) sucrose

Q17. Metanil yellow, an adulterant used in arhar dal is basically

(a) An acid

(b) a detergent

(c) A dye

(d) none of the above

Q18. Cover slip should be gently placed on the slide to avoid:

(a) Crushing of the material

(b) entry of air bubbles

(c) Avoid oozing of stain

(d) breaking, as it is made of glass.

Q19. Adulterant arhar dal is plain yellow in colour due to

(a) Turmeric

(b) sulphur powder

(c) Metanil yellow

(d) chrome yellow.

Q20. Some characteristics of onion peel cells are:

(a) Cell wall is present

(b) only one nucleus present

(c) Intercellular spaces are not there

(d) all of the above.

جماعت نہم

ورک شیٹ نمبر ۲۔

- سوال نمبر ۱۔ ہندو مسلمان کس طرح بھائی بھائی ثابت ہو سکتے ہیں؟ بیان کیجئے۔
- سوال نمبر ۲۔ بھائی چارے پر مختصر مضمون لکھئے۔
- سوال ۳۔ کس طرح کے کام انجام دے کر ایک انسان دوسروں کے دل میں اپنی جگہ بنا سکتا ہے؟
- سوال نمبر ۴۔ نا اتفاقی کس طرح ملک کی ترقی میں رکاوٹیں پیدا کر سکتی ہیں؟
- سوال نمبر ۵۔ جانور انسان سے کس طرح وفا دار ثابت ہو سکتا ہے؟
- سوال نمبر ۶۔ رحمت علی اور مولانا بخش کی دوستی پر جائزہ لیجئے۔
- سوال نمبر ۷۔ اگر آپ کیشو کی جگہ ہوتے تو پرندوں کے انڈوں کو دیکھ کر آپ کا کیا ردِ عمل ہوتا؟
- سوال نمبر ۸۔ کوئی بھی کام بغیر جانکاری کے انجام دینے سے ہمیں کس طرح کا نقصان اٹھانا پڑ سکتا ہے؟

سوال نمبر ۹۔ لائحے اور سابقے کی دس دس مثالیں لکھیں۔

- ۱۔ شان و ----- ۲۔ ناز و ----- ۳۔ رنج و -----
- ۴۔ دل و ----- ۵۔ شور و ----- ۶۔ عہد و -----
- ۷۔ محنت و ----- ۸۔ کامیاب و ----- ۹۔ زور و -----
- ۱۰۔ عزت و ----- ۱۱۔ رحم و ----- ۱۲۔ شکل و -----
- ۱۳۔ عیش و آرام ----- ۱۴۔ شعرو ----- ۱۵۔ خیر و -----
- سوال نمبر ۱۰۔ تذکیر و تانیث کے لحاظ سے دئے گئے الفاظ کے جملے بنائیں۔

خواہش	بھوک	برداشت	دھیان	دھوپ	حفاظت
صورت	فیصلہ	سوراخ	نقصان	نیکی	تکلیف

