

Atomic Energy Central Schools: Rawatbhata

Term-1 Examination (2019-20)

Marks: 80

Class: VII, English

Time: 3 HOURS

General Instructions:

Section A Reading 20 marks.

Section B Writing 20 marks.

Section C Grammar 15 marks.

Section D Literature 25 marks.

1. Attempt all the questions.
2. Don't write anything on the question paper.
3. All 'the answers must be numbered on the question paper.
4. Ensure that questions for each section are answered together.

SECTION –A READING (20 MARKS)

Read the following passage carefully and answer the questions that follow:- (1X8=8 MARKS)

Will fat kids be Fat adults?

Will fat children slim down with age or they will grow up into fat adults? Recent studies show that about half of all fat seven year---olds remain overweight as adults. If the child is still overweight between the age of 10 and 13, the chance of his being a fat adult goes up to 70 percent. But a child of an average weight who is going through a slightly plump phase in the growing years is absolutely normal. The risk rises to 40 percent if one parent is obese and to 80 percent if both the parents are overweight. Studies of twins adopted into different families showed that their weight patterns remained similar to each other and their biological parents through-out their lives, though their adopted lifestyle also influenced them.

So, what is that obese parents can do for their children? Not too much but they can at least minimize future weight problems by not bribing the the children with sweets, celebrating events only by eating, letting a bored or an upset child amuse himself with food or taking softer options about physical work.

1.1 (i) What does recent studies show?

(ii) Who are at risk according to the author?

(iii) What weight pattern is observed with twins adopted into different families?

(iv) Does adopted life style influence our weight pattern?

(v) Which age group of childhood is called a "plump phase" by the author?

(vi) How do parents celebrate events?

(vii) In order to minimize weight problems what parents can do?

(viii) How bored or upset children amuse themselves?

Q2. Read the following passage carefully and answer the questions that follow.

THE STORY OF HELEN KELLER

A person who is deaf when he is born, usually dumb as well. There may be nothing wrong with his Mouth and tongue, but he cannot speak. This is because as he is deaf, he cannot hear other people and therefore has nothing to imitate. He may try to make sounds himself but he cannot hear his own voice. However, even though he finds it difficult to speak and cannot hear, he can see. He can therefore learn to read. Nowadays he can also be taught to speak because we have modern methods and equipment's, but we did not have these when Helen was born. Even with modern methods and equipment's, however, it is not easy For deaf children to learn speaking. When a child is deaf and blind as well, it becomes much more difficult though even then It is possible. Though Helen Keller was a normal child at birth in 1880, she became very ill at the age of Nineteen months . Although medical knowledge was not as great as then as it is now, she did not die but lost her sight and hearing. As a result she became dumb as well.

In spite of her parent's efforts to teach her, at the age of six , she could not speak. Then in 1887, a teacher, Miss. Sullivan came to live with her. Though Miss. Sullivan herself had been blind, she had been partly cured. Helen was a difficult pupil at first, but in a month Helen has learned how to understand signs and how to make them herself. In time, in spite of her great difficulties, Helen learned to read, write and speak even though she was deaf and blind. She even went to college and had a full education. She wrote many books, and though other people have written books about her, her own books are the ones that best explain how it feels to be deaf, dumb and blind. Her best book is "The story of my Life" . Perhaps you have read it. Even though it was written in 1902, it still is a very interesting book. Even if you have not read it, you may have heard of Helen Keller.

2.1 Answer the following questions?

(4x2=8)

- (a) Why a Deaf Person is Dumb as well?
- (b) Why it was not easy for a deaf child to speak in those days?
- (c) What change was brought in Helen's life after Miss. Sullivan's arrival?
- (d) Why the book written by Helen is counted as an interesting book?

2.2. Find out words from the passage which means the same as:

(1x4=4)

- (i) to copy (Para—1)
- (ii) Apparatus (Para 2)
- (iii) Problems (Para 3)
- (iv) may be (Para 3)

-SECTION :B WRITING -----20 Marks

Q3. Below you can see a conversation between Ginni and her mother. On the basis of the conversation write a message within 50 words. Put the message in a message box.

(4 marks)

Mother: Hello Ginni; I am calling from Kota and will come home rather late in the evening. Now listen.

Ginni: Yes Mom.

Mother: I have left my cupboard keys and one thousand rupees on the drawing room sofa. Tell

Papa about this otherwise he will worry. Don't forget. He has to give this money to someone in his office.

Ginni: Don't worry. I won't forget to tell. Bye Mom.

Mother: Bye;

Now Ginni leaves for school in a hurry. She leaves a message for her father. Write the message using appropriate words.

Q4. You are Nitin. You are worried about the misuse of mobile phones by students and teenagers. Write a speech to be delivered in the morning assembly about misuse of mobile phones and how it can be used in a better manner. (6 marks)

Q5. On the basis of the given hints write a story in your own words (in about 150 words) and give a suitable title to it: (10 marks)

A cruel Lion-----killed Animals regularly---Animals decided to send one Animal daily-----Hare's turn comes---Hare showed a well to the Lion-----Lion thought another Lion was there----roared and jumped into the well----died.

SECTION C : GRAMMAR(15 marks)

Q6. The following passage is not edited. There is at least ONE error in each line. Underline the error and write your correction. Write both the wrong and the right word in the answer sheet:

Festivals are a celebrated of life and goodness (1/2x6=3)

But traditional believe are vanishing.

The important of spiritual thought
is replace with rituals called Pujas

The sign of relief is that of some
villages the traditional customs is followed even today.

Q7. Fill in the blanks choosing the proper form of the verb given in the bracket: (1/2x8=4)

(i) Raman------(watch) the football match when you ------(come) back.

(ii) The Sun ------(rise) at 6 A.M but today it is ------(rise) at 7 A.M.

(iii) I don't know how they------(react) to the situation.

(iv) The Train will------(leave) on time.

(v) Have you------(finish) the report?

(vi) May be he is------(stay) at home tonight.

(vii) Mother asked, "what work you------(do) this afternoon?"

(viii) I could not ------(see) Jack in the computer class.

Q8. Rearrange the following group of words into meaningful sentences: (1x4=04marks)

(i) will/hurt/never/you/him.

(ii) was/praised/she/every/one/by.

(iii) poor/let/helped/be/the.

(iv)daughter/their/Riya/named/was/as.

Q9.Read the following conversation and convert it into Reported speech:

(1x4=04)

Ravi: What are you doing Mridu?

Mridu:I am reading a book.

Ravi: Who is the author of that book?

Mridu: Ruskin Bond.

Ravi: Is the book interesting? Where did you find it?

Mridu:Yes, I found it in the Library.

SECTION—D LITERATURE (25 Marks)

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

(4 marks)

It is ve“ry good that

We have rebels.

You may not find it

Very good to be one.”

(i)Why Rebels are needed ?How the choices of a Rebel different?

(ii)Why does the poet say “it is not good to be a Rebel oneself”

(iii)What does a Rebel do?

(iv)Who does not like Rebels ?

Q10.Read the extract given below and answer the questions that follow :

(4 marks)

“Remember then, there is only one time that is important and that time is”now”.It is the most important time because it is the only time we have any power to act.

(i)Who is the speaker of these lines?

(ii)Why the speaker puts importance on present time?

(iii) Which is the most important time of our life and why?

(iv)Who is the listener? Is he satisfied with the answer?

Q11..Answer any FOUR of the following questions within 30-----40 words:

(4x2=8 marks)

(i)With what the poet compares the Squirrel’s body and why?

(ii)What did the Beggar feel about the ladies’ in the house?

(iii) What three things Gopal did before he went to buy Hilsa fish?

(iv)Why the brother of the poet says “there is a ghost in the shed”?

(v)Why the Diamo rewarded the good old man but punished his wicked neighbour?

Q12.Answer any TWO of the following questions in about 50 words:

(2x2=4 marks)

(i)why the author compares kari with a baby?

(ii)How Camels manage without water for days?

(iii)what are the signs of approaching winter referred in the story “the Cop and the Anthem”?

Q13.Explain in your own words the importance of quality rather than advertisement displayed by Mr.Gessler in his work in the story you have read.

(5x1=5 marks)

OR

Justify the title of the story “The Tiny Teacher”



ATOMIC ENERGY CENTRAL SCHOOL
RAWATBHATA

Class 07 - Mathematics
MATHEMATICS

Maximum Marks: 80

Time Allowed: 3 hours

General Instructions:

The question papers consists of 30 questions divided into four sections A, B, C and D.

- 1) Section A comprises 6 questions of 1 mark each
- 2) Section B comprises 6 questions of 2 marks each
- 3) Section C comprises 10 questions of 3 marks each
- 4) Section D comprises 8 questions of 4 marks each

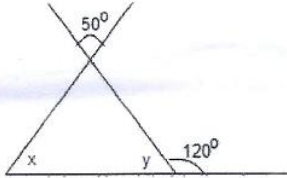
All questions are compulsory

Section A

1. $45 \div (-3) = \underline{\hspace{2cm}}$ 1
 - a) 48
 - b) 15
 - c) -15
 - d) -48
2. A vehicle covers a distance of 43.2 km in 2.4 litres of petrol. How much distance will it cover in one litre of petrol? 1
 - a) 21km
 - b) 24km
 - c) 18km
 - d) 20km
3. Identify which of the following pairs of angles are supplementary. 1
 - a) $112^\circ, 68^\circ$
 - b) $63^\circ, 27^\circ$
 - c) $45^\circ, 45^\circ$
 - d) $80^\circ, 10^\circ$
4. When a die is thrown, what are the six possible outcomes? 1
 - a) 1, 3, 5
 - b) T, H
 - c) None of these
 - d) 1, 2, 3, 4, 5, 6
5. Find: $3.61 \div 0.19 = \underline{\hspace{1cm}}$ 1
 - a) 190
 - b) 18
 - c) 19
 - d) 17
6. One of the acute angle of a right triangle is 36° , then the other acute angle is 1
 - a) 64°
 - b) 54°
 - c) 44°
 - d) None of these

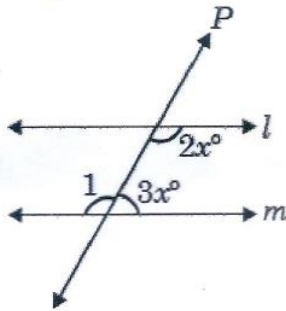
Section B

7. Solve: $6(3x - 4) - 4(2x - 5) = 30$ 2
8. Simplify: $12 - 3\frac{1}{2}$ 2
9. Find the median of first nine even natural numbers. 2
10. Two angles of a linear pair are in the ratio 2 : 7, find the angles. 2
11. Verify commutative property of multiplication if $a=2$ and $b=(-8)$. 2
12. Find the value of x and y in figure. 2

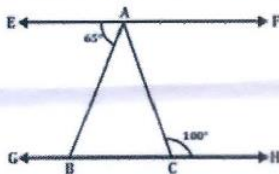


Section C

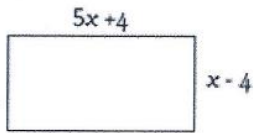
13. Sachin scored twice as many runs as Rahul. Together, their runs fell two short of a double century. How many runs did each one score? 3
14. If $l \parallel m$ and P is a transversal, find $\angle 1$. 3



15. The sum of two rational numbers is -8 . If one of the number is -18 , find the other number. 3
16. A carton contains 40 boxes of nails and each box weighs $3\frac{3}{4}$ kg. How much would a carton of nails weight? 3
17. State and explain SAS congruence criterion. 3
18. Find the area of a square field if its each side is $10\frac{3}{4}$ m long. 3
19. In the figure below, $EF \parallel GH$, $\angle EAB = 65^\circ$ and $\angle ACH = 100^\circ$, then find $\angle ABC$. 3



20. Find $(x-y) \div (x+y)$ if $x=5$ and $y=(-15)$. 3
21. A wire of length $12\frac{1}{2}$ m is cut into 10 pieces of equal length. Find the length of each piece. 3
22. Find the length and breadth of a rectangle given below, if its perimeter is 72m. 3



Section D

23. A cement company earns a profit of Rs.10 per bag of white cement sold and a loss of Rs.5 per bag of grey cement sold. 4

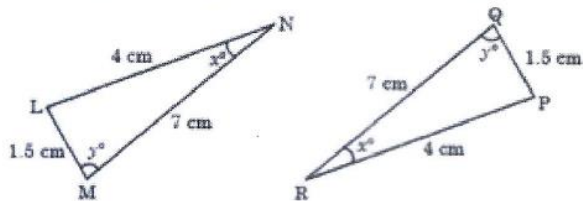
- The company sells 3,000 bags of white cement and 5,000 bags of grey cement in a month. What is its profit or loss?
- What is the number of white cement bags it must sell to have neither profit nor loss, if the number of grey bags sold is 7,200 bags.

24. The table below compares the population(in hundreds) of 5 towns over 2 years. 4

Towns	Red	Golden	Pink	Yellow	Brown
2007	2400	4900	3200	2800	3500
2008	3800	5500	2700	2900	2980

- In which town was the population growth maximum?
- What is the average population of Brown?
- For which city has the population minimised in 2008? What is the percentage of decrease?

25. On the basis of the measurements of following triangles, find the corresponding sides and corresponding angles 4



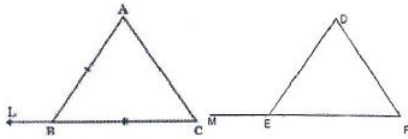
26. The length of a rectangle is 6m less than 3 times its breadth. If the perimeter is 148m, find its length and breadth. 4

27. The following table shows the average intake of nutrients in calories by rural and urban groups in a particular year. Using a suitable scale for the given data, draw a double bar graph to compare the data 4

Foodstuff	Rural	Urban
Pulses	35	49
Leafy vegetables	14	21
Fruits	35	66

Milk	70	100
------	----	-----

28. Out of a pair of complementary angles, one is two – third of the other. Find the angles. 4
29. A tree is broken at a height of 5m from the ground and its top touches the ground at a distance of 12m from the base of the tree. Find the original height of the tree. 4
30. In the figure given below $\triangle ABC$ and $\triangle DEF$ are such that $AB = DE$, $BC = EF$, Extend CB and FE to L and M such that $\angle ABL = \angle DEM$. Is $\triangle ABC \cong \triangle DEF$? Give reasons. 4



Atomic Energy Education Society
Term-1 Examination (2019-20)

Max Marks:80

Class:-VII, Science

Time:3hr

General Instruction: All questions are compulsory.

QI: - Fill in the blanks.

(1x10=10)

- Leaves have a green pigment called _____.
- Amoeba captures its food with the help of _____.
- The rearing of silkworms for obtaining silk is called _____.
- _____ is a measure of the degree of hotness of an object.
- Full form of DNA is _____.
- _____ protects us from the harmful UV rays which come from the sun.
- Rainfall is measured by an instrument called _____.
- The warm air is _____ than the cold air.
- The rotting dead matter in the soil is called _____.
- The chemical name of baking soda is _____.

QII:- Choose the correct option for the questions given below:

(1x10=10)

- In which mode of living does two organisms live together and benefit from each other?
 - Symbiosis
 - Parasitic
 - Saprophytic
 - Heterotrophic
- What is the total number of permanent teeth in an adult human being?
 - 28
 - 31
 - 32
 - 20
- Identify the silk fibre :
 - Tassar
 - Denim
 - Mooga
 - Both a and c.
- Ventilation in rooms occur due to:
 - Conduction
 - Convection
 - Radiation
 - All of these
- Red litmus turns blue in the presence of:

4. Write a short note on cyclone.
5. Write three adaptive features found in a penguin.
6. List at least three precautions that should be taken while using a laboratory thermometer.
7. Tanvee conducted an experiment in the field, related to the rate of percolation. She observed that it took 40 min. for 200 ml of water to percolate through soil sample.
 - (a) Calculate the rate of percolation. (2)
 - (b) Which soil has the highest rate of percolation? (1)
8. What is acid rain? How it is formed? Write down its effects.

Q V:- Answer the following in five to seven sentences.. (4X5=20)

1. Explain the phenomena of land & sea breeze, along with the diagram. (5)
2. (i) Indicate the type of climate of the following areas:- (2)
 - (a) Jammu & Kashmir
 - (b) Rajasthan
 - (c) Kerala
 - (d) North east India
- (ii) Draw the neat & labeled diagram of human digestive system. (3)
3. Briefly explain the soil profile. Draw a diagram to illustrate your answer. (5)
4. Write the steps involved in the process of obtaining silk fibre from a cocoon. (5)

ATOMIC ENERGY EDUCATION SOCIETY

TERM-1 EXAMINATION- (2019-20)

TIME: 3 HOURS

CLASS: VII SUBJECT: SOCIAL SCIENCE

MAX MARKS: 80

Instructions:

This question paper consists of four sections, A, B, C and D

1. Section-A, has 7 questions and each carries 1 mark.
2. Section-B, has 11 questions and each question carries 3 marks.
3. Section-C, has 7 questions and each question carries 5 marks.
4. Section-D, has map based question and carries 5 marks.
5. Attach map inside the answer script.

SECTION-A

1. Choose the correct option (4x1 mark = 4)
 - a. Cartographer is a person who makes -----.
(a) Cartoons (b) Maps (c) Manuscripts (d) None of these
 - b. Name of Akbar's revenue minister was -----.
(a) Bairam khan (b) Todarmal (c) Abulfazl (d) Shah Jahan
 - c. Which type of healthcare facility is costly ?
(a) Private (b) public (c) Both (d) Both are same
 - d. Solid crust or the hard top layer of the earth is called as :
(a) Atmosphere (b) lithosphere (c) biosphere (d) hydrosphere
2. Fill in the blanks:- (3x1 mark = 3)
 - (a) Ibn Battuta travelled to India from-----.
 - (b) Public Health services are run by-----
 - (c) Environment provides us the -----we breath.

SECTION-B

Answer the following questions in short (Any 11) (11x3 Marks = 33)

3. Who was considered a "foreigner" in the past ?
4. What are the difficulties historians face in using manuscripts ?
5. What was 'tripartite struggle'? Name the parties involved in this struggle.

6. What was the role of the Zamindar in Mughal administration ?
7. What is Shikhara ?
8. In a democracy why is "Universal Adult Franchise" important ?
9. What is health ?
10. Differentiate between ruling party and opposition party.
11. Write three differences between public and private health care.
12. How are the domestic workers in general treated by the employers ?
13. What do you mean by natural environment ?
14. What are the uses of rocks ?
15. How are flood plains formed ?
16. Why is water important for us ?

SECTION-C

Answer the following question (Any 7)

(7x5 Marks = 35)

17. How do historians divide the past into Periods ?
18. Who was Mahmud of Ghazni ? How did he expand his kingdom ?
19. Describe the duties of mansabdars .
20. What were the qualification necessary to become a member of a committee of the Sabha in chola empire ?
21. Differentiate between Biotic and Abiotic Environment .
22. Define the three layers of the earth with suitable diagram .
23. Give Reasons :-
 - (i) Some rocks have a shape of a mushroom .
 - (ii) Flood Plains are very Fertile .
24. Explain the composition of air Show it with diagram.
25. In what ways was Omprakash Valmiki'S experiences Similar of the Ansaris ?
26. Discuss the role of chief Minister in the state government .
27. Give an account of Pandita Ramabai's struggle to encourage women to be literate.

SECTION –D

28. On an out line map of India locate the following :-

(1x5 Marks = 5)

- | | | |
|------------|----------------------|------------|
| i) Kalinga | ii) Chennai | iii) Delhi |
| iv) Palas | v) The Bay of Bengal | |

ATOMIC ENERGY CENTRAL SCHOOL ,RAWATBHATA

HALF YEARLY EXAMINATION-2019-20

ANSWER KEY

CLASS 7TH SUB:ENGLISH F M-80

SECTION-----A----Reading.

Objective: to find out the main points of the text:

1.1. Marking-----8 Marks----01 mark for each correct answer------(1x8=08 Marks)

(i) that half of all fat children aged between 10 to 13 tend to be obese.

(ii) whose parents are overweight.

(iii) their weight almost was similar though different adopted life style influenced them.

(iv)Yes to some extent.

(v) between the age of 10 to 13.

(vi)by bribing children with sweets/eatables.

(vii)can avoid bribing children with sweets and celebrate evenings/occasions only by eating.

(viii)by eating only/by amusing themselves with food.

2.objective:to find out the main points of the text:

2.1. Marking-----02 marks to each correct answer ------(2x4=08 marks)

(i) as he cant hear others and has nothing to imitate.

(ii) the medical knowledge was not developed like the present days.

(iii) she learned to understand and to make signs-----to read, speak' and write---to complete her Education.

(iv)as she herself was deaf, dumb and blind----she was able to express her feelings in a better manner.

2.2 Marking----Word Meaning-----01 Mark for each correct meaning------(1x4=04 Marks)

(i) imitate

(ii)equipment's

(iii) difficulties

(iv) perhaps

(2)

SECTION B----- (WRITING)

Q3.Message-----04 Marks-----format-----01.Content-----01

Accuracy-----01.Fluency-----01

Q4.Speech in Morning Assembly-----06 Marks-----Format-----01.Content----02

Fluency----01.Expression-----01.Accuaracy----01.

Q5. Story Writing-----10 Marks-----Content-----06 Marks. Fluency-----02 Marks
. Accuracy-----02 Marks

SECTION C -----(GRAMMAR)

Q6. Unedited Passage-----1/2x6=03 Marks

Celebrated-----celebration

Believe-----believes

Important-----importance

Is-----are

Of-----at/in

Is-----are

Q7. Filling Blanks-----1/2x8=04 Marks.

(i) was watching, came (ii) rises, rising) (iii) reacted (iv) leaving

(v) finished (vi) staying (vii) did (viii) see

Q8. Re-organising into meaningful sentences-----1x4=04 Marks.

(i) You will never hurt him. (ii) She was praised by everyone. (3)

(iii) Let the poor be helped. (iv) Their daughter was named as Riya.

Q9. Reported Speech-----1x4=04 Marks.

Ravi asked Mridu what she was doing.

Mridu replied that she is reading a book.

Ravi asked/enquired about the author of the book/who is the author of the book.

Mridu informed/replied/told that it is Ruskin Bond.

Further Ravi asked whether it is an interesting book and where did he find it.

Mridu clarified/replied that the book is an interesting one and he found it in the Library.

SECTION D---LITERATURE.

Q.10. 01 Mark for each correct answer-----1x4=04 Marks

(i) Rebels are needed to bring change. His choices are different from other people.

(ii) Because the society does not like Rebels/not accepted by society..

(iii) He makes his own rules and lives his own life.

(iv) The society/most of the people.

Q11. 01 mark for each correct answer-----1x4=04 Marks

(i) The Hermit (ii) present time is most valuable as we can act or can do something

(iii) The present time. The past is gone and future is uncertain. We don't have control over them.

(iv) The listener is the king. Yes, he is satisfied with the answer.

Q12. Answer any four questions-----

2x4=08 Marks.

(4)

(i) The tail of the squirrel curved at the top-----appears question mark.

(ii) The ladies are very kind----generous----enabled him to survive a week with food.

(iii) Gopal was half shaven, smeared his face with ash and dressed in rags.

(iv) because he wants to keep others in fear of the shed----to scare them and enjoy the shed himself.

(v)-----as he was kind and good to others

-----he was greedy, cruel and wicked/he offended the Diamo.

Q13. Answer any two of the following-----

-2x2=04 Marks.

(i) Kari needed training----to sit down, walk, to walk fast, to get slow---moreover his call was more of a Baby than an Elephant.

(ii) Camels can withstand high body temperature and don't sweat—drink lot of water and retain it for longer period.

(iii) Birds flying southwards, people wearing warm coats and sweaters.

Q14. Long answer-----

-5x1=05 mark

-----extrapolation----marks can be suitably rewarded

With reference to the text-----logical presentation of ideas with own creativity.

Content-----03 Marks. Fluency-----02 Marks

Solution
Class 07 - Mathematics
MATHEMATICS
Section A

1. (c)
-15

Explanation:

During division, if the two integers have different signs, then their quotient is negative.

2. (c)
18km

Explanation:

In 1 lit petrol it will cover the distance = $\frac{43.2}{2.4} = 18km$

3. (a)
 $112^\circ, 68^\circ$

Explanation:

We know that two angles are Supplementary Angles, if they add up to 180°

Here, First angle = 112°

Second angle = 68°

Then, $112^\circ + 68^\circ = 180^\circ$

Thus, These angles are Supplementary Angles.

4. (d)
1, 2, 3, 4, 5, 6

Explanation:

one die has 6 faces i.e. 1,2,3,4,5,6

5. (c)
19

Explanation:

$$3.61 \div 0.19 = \frac{361}{100} \times \frac{100}{19} = 19$$

6. (b)

$$54^\circ$$

Explanation:

$$90-36=54^\circ$$

Section B

7. $6(3x-4) - 4(2x - 5) = 30$

$$(18x - 24) - (8x - 20) = 30$$

$$18x - 24 - 8x + 20 = 30$$

$$10x - 4 = 30$$

$$10x = 34$$

$$x = \frac{34}{10} = \frac{17}{5}$$

8. $12 - 3\frac{1}{2} = 12 - \frac{7}{2} = \frac{(24-7)}{2} = \frac{17}{2}$
 $= 8\frac{1}{2}$

9. First nine even natural numbers are 2,4,6,8,10,12,14,16,18

Median = 10

As it is the middle value

10. x represent the constant of proportionality

$$2x + 7x = 180^\circ$$

$$9x = 180^\circ$$

$$x = 20^\circ$$

Angles are: $40^\circ, 140^\circ$

11. Commutative property of multiplication is $a \times b = b \times a$

L.H.S

$$2 \times (-8) = -16$$

R.H.S

$$-8 \times 2 = -16$$

Therefore, L.H.S =R.H.S

Hence, verified.

12. we know that sum of three angles of the triangle is 180° . Also sum of two interior opposite angles are exterior angle.

By vertically opposite angle, third angle of the triangle is also 50° . So now three angle are x, y and 50° .

By property $x + y + 50 = 180^\circ$ (1)

by Linear pair

$$y = 180^\circ - 120^\circ$$

$$y = 60^\circ$$

Put value of y in (1)

$$x + 60^\circ + 50^\circ = 180^\circ$$

$$x = 180^\circ - 110^\circ$$

$$= 70^\circ$$

Now by interior angles property

$$x + 50 = 120$$

$$x = 70^\circ$$

Section C

13. Let runs scored by Rahul = x

Then, runs scored by Sachin = 2x

According to problem, $x + 2x = 200 - 2$

$$3x = 198$$

$$x = \frac{198}{3} = 66$$

Hence, runs scored by Rahul = 66 and

Runs scored by Sachin = $2(66) = 132$

14. $l \parallel m$ and P is a transversal

If two parallel lines are cut by a transversal, then each pair of interior angles on the same side of the transversal are supplementary.

$$2x + 3x = 180^\circ$$

$$5x = 180^\circ$$

$$x = 180/5 = 36^\circ$$

$$\text{So, } 2x = 2(36) = 72^\circ$$

$$\text{And } 3x = 3(36) = 108^\circ$$

If two parallel lines are cut by a transversal, each pair of alternate interior angles are equal.

$$\angle 1 = 2x = 72^\circ$$

15. Let the other number be x.

According to Question $x + (-18) = -8$

$$x + (-18) = -8$$

$$x - 18 = -8$$

$$x = -8 + 18$$

$$x = 10$$

Therefore, the other number is 10.

$$16. \text{ Weight of 1 box} = 3\frac{3}{4} = \frac{15}{4} \text{ kg}$$

$$\text{Therefore, weight of 40 boxes} = \left(\frac{15}{4} \times 40\right) \text{ kg}$$

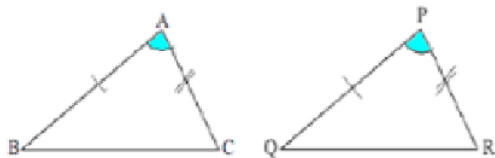
$$= \left(\frac{15}{4} \times \frac{40}{1}\right) \text{ kg}$$

$$= \frac{(15 \times 40)}{(4 \times 1)} \text{ kg}$$

$$= 150 \text{ kg}$$

Hence, weight of the carton is 150 kg.

17. SAS congruence criterion: If two sides and included an angle of one triangle are equal to the corresponding two sides and included angle of another triangle then the two triangles are said to be congruent.



Consider $\triangle ABC$, $\triangle PQR$

here $AB = PQ$, $AC = PR$ and $\angle A = \angle P$

Hence $\triangle ABC \cong \triangle PQR$ by SAS congruence criterion.

$$18. \text{ Length of the square field} = 10\frac{3}{4} \text{ m} = \frac{43}{4} \text{ m}.$$

$$\text{Breadth of the square field} = 10\frac{3}{4} \text{ m} = \frac{43}{4} \text{ m}$$

Therefore, area of the square field = Length \times Breadth

$$= \frac{43}{4} \times \frac{43}{4} \text{ m}^2$$

$$= \frac{(43 \times 43)}{(4 \times 4)} \text{ m}^2$$

$$= \frac{1849}{16} \text{ m}^2$$

$$= 115\frac{9}{16} \text{ m}^2$$

19. Given, $EF \parallel GH$ and AB is a transversal and $\angle EAB = 65^\circ$

$$\Rightarrow \angle ABC = \angle EAB (\because \text{Alternate angles})$$

$$\Rightarrow \angle ABC = 65^\circ$$

$$\therefore \angle ABC = 65^\circ$$

20. $(x-y)$

$$= [5 - (-15)]$$

$$= 5 + 15$$

$$= 20$$

$$\begin{aligned}
 &(x+y) \\
 &= [5 + (-15)] \\
 &= 5 - 15 \\
 &= -10
 \end{aligned}$$

Hence, $(x-y) \div (x+y)$

$$\begin{aligned}
 &20 \div (-10) \\
 &= (-2)
 \end{aligned}$$

21. Length of wire = $12\frac{1}{2}m$

$$\text{The length of each piece} = 12\frac{1}{2} \div 10 = \frac{25}{2} \div 10 = \frac{25}{2} \times \frac{1}{10} = \frac{5}{4} = 1\frac{1}{4}m$$

Therefore the length of each piece is $1\frac{1}{4}m$.

22. Given, length of the rectangle = $5x + 4$

$$\text{Breadth of the rectangle} = x - 4$$

$$\text{Perimeter of rectangle} = 2(l + b) = 72$$

$$2(5x + 4 + x - 4) = 72$$

$$\Rightarrow 2(6x) = 72$$

$$\Rightarrow 12x = 72$$

$$\Rightarrow x = \frac{72}{12} = 6.$$

$$\text{Therefore, length of the rectangle} = 5x + 4 = 5(6) + 4 = 30 + 4 = 34m$$

$$\text{Breadth of the rectangle} = x - 4 = 6 - 4 = 2m.$$

Section D

23. a. Profit earned by selling one bag of white cement = Rs.10

Profit earned by selling 3,000 bags of white cement

$$= \text{Rs.} 3,000 \times 10 = \text{Rs.} 30,000$$

Loss incurred by selling 1 grey cement bag = Rs.5

Loss incurred by selling 5,000 bags of grey cement = $\text{Rs.} 5,000 \times 5 = \text{Rs.} 25,000$

It's a profit as $\text{Rs.} 30,000 > \text{Rs.} 25,000$

Therefore, total profit = $\text{Rs.} (30,000 - 25,000)$

$$= \text{Rs.} 5,000$$

b. Since, there is no profit no loss

Profit earned + Loss incurred = 0

Loss incurred by selling 7200 grey bags of cement = $\text{Rs.} 7200 \times 5$

$$= \text{Rs.} 36000$$

So, number of white cement bags sold = $(36000) \div (10)$

$$= 3600 \text{ bags}$$

24.

Towns	Red	Golden	Pink	Yellow	Brown
-------	-----	--------	------	--------	-------

2007	2400	4900	3200	2800	3500
2008	3800	5500	2700	2900	2980
Difference	1400	600	-500	100	-520

a. In town Red, the population growth was maximum.

b. Average population for Brown = $(3500+2980)/2 = 6480/2 = 3240$.

c. The population has minimized the most for Brown.

$$\text{Percentage decrease} = \frac{520}{3500} \times 100 = 14.85\%$$

25. Corresponding angles

$$\angle N = \angle R$$

$$\angle M = \angle Q$$

$$\angle L = \angle P$$

Corresponding sides

$$NM = RQ$$

$$NL = RP$$

$$LM = PQ$$

26. Let the breadth of the rectangle = x m

Then length of the rectangle = $3x - 6$

Perimeter of the rectangle = $2(l + b) = 148$ m

$$2(x + 3x - 6) = 148$$

$$\Rightarrow 2(4x - 6) = 148$$

$$\Rightarrow 4x - 6 = 74$$

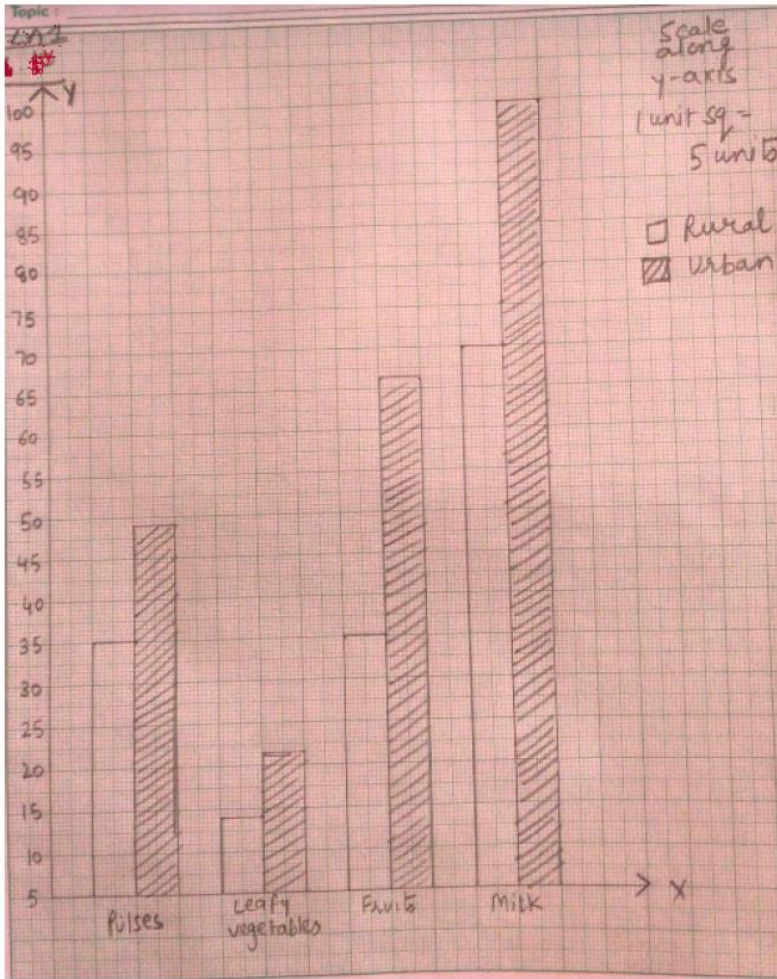
$$\Rightarrow 4x = 74 + 6 = 80$$

$$\Rightarrow x = \frac{80}{4} = 20$$

Therefore, breadth of rectangle = 20 m and

Length of rectangle = $3(20) - 6 = 60 - 6 = 54$ m

27.



28. Let one angle be x .

So, other angle = $90^\circ - x$

Thus, $\frac{2}{3} \times x = 90^\circ - x$

or $2x = 270^\circ - 3x$

or $2x + 3x = 270^\circ$

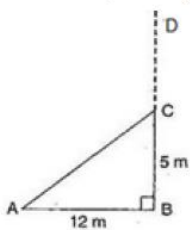
or $5x = 270^\circ$

$x = 270^\circ / 5 = 54^\circ$

so, one angle = 54°

and the other angle = $90^\circ - 54^\circ = 36^\circ$

29. Let DCB represent the tree before it broken at the point C. In the given figure, BC represents the unbroken part of the tree. Point C represents the point where the tree broke and CA represents the broken part of the tree. Triangle ABC, thus formed, is right-angled at B.



Applying Pythagoras theorem in $\triangle ABC$,

$$AC^2 = BC^2 + AB^2$$

$$AC^2 = (5 \text{ m})^2 + (12 \text{ m})^2$$

$$AC^2 = 25 \text{ m}^2 + 144 \text{ m}^2 = 169 \text{ m}^2$$

$$AC = 13 \text{ m}$$

Thus, original height of the tree = $AC + CB$

$$= 13 \text{ m} + 5 \text{ m} = 18 \text{ m}$$

30. In $\triangle ABC$ and $\triangle DEF$

$$AB = DE (\because \text{Given}) \dots (i)$$

$$BC = EF (\because \text{Given}) \dots (ii)$$

$$\angle ABL = \angle DEM$$

$$\text{So, } \angle ABL + \angle ABC = 180^\circ \text{ (linear pair) } \dots (iii)$$

$$\angle DEM + \angle DEF = 180^\circ \text{ (linear pair) } \dots (iv)$$

From (iii) and (iv)

$$\angle ABL + \angle ABC = \angle DEM + \angle DEF$$

$$\text{So, if } \angle ABL = \angle DEM, \text{ then } \angle ABC = \angle DEF \dots (v)$$

From (i) (ii) and (v)

$$\triangle ABC \cong \triangle DEF \text{ (SAS)}$$

Atomic Energy Central Schools Rawatbhata

ANSWER KEY (CLASS-VII)-SCIENCE

QI: - Fill in the blanks.

1. Chlorophyll
2. Pseudopodia
3. Sericulture
4. Temperature
5. Deoxyribonucleic Acid
6. Ozone
7. Rain Gauge
8. Lighter
9. Humus
10. Sodium Hydrogen Carbonate

QII:- Choose the correct option for the questions given below:

1. a) Symbiosis
2. c) 32
3. d) Both a and c.
4. b) Convection
5. b) A base
6. d) Green.
7. c) Tropical rain forests
8. b) Eye
9. d) All of these
10. b) Afforestation

QIII:- Answer the following in one or two sentences.

1. **Parasite:-**Depends on other living organism for their food.**Saprotrophs:-**obtain food from dead decaying matter.
2. Villi-finger like outgrowths in the inner lining of small intestine.
Function- increase surface area for absorption
3. Rhizobium bacteria in root nodules of leguminous plants , convert atmospheric Nitrogen into soluble form & fix it.
4. Wool -bad conductor of heat ,cotton has pores through which body heat moves out.
5. Reaction b/w acid n base to form salt n water, any example
6. Iodine test
7. Substance use to test acid or basic solution. Ex- litmus paper ,turmeric
8. A-ascorbic acid b –acetic acid, c-formic acid ,d- lactic acid

QIV:-Answer the following three to four sentences:- .

1. (i) a) mouth-chewing of food, mixing saliva
b) small intestine-intestinal juice completes digestion of all components of food

- (ii) HCL- kills bacteria n makes d medium acidic to help digestion
2. A) rust
b) iron + oxygen+ water →rust
c) paint, grease ,galvanization
 3. a, c, e- chemical;
b , d, f – physical
 4. **Cyclone:**-formed due to high speed wind, low pressure of air.
Violent rotating mass of air with speed of 150- 250 km/h
Wind speed , wind direction, temp. ,humidity-factors
 5. whitecolour
Thick skin
Layer of fat, webbed feet, streamlined body
 6. kept upright not tilted,Bulbshould not touch d surface,Not hold by d bulb (any 3)
 7. a) percolation rate(ml/min) = amount of water/percolation time
200ml/40 min =5ml/min
b) sandy soil
 8. rain with excess of acid, pollutants(CO2, SO2,NO2) dissolve in rain drop to form acid, damage to building, historical monuments, plants animal.

Q V:- Answer the following in five to seven sentences.. (4X5=20)

1. 3 marks – description, 2 marks-diagram
2. (i) a)-moderately hot n wet, b)-hot n dry ,c) - hot n wet , d) -wet
(ii) –, min. 6 parts to be labelled
3. 3 marks for description, A, B. C Horizon bed rock
2 marks for labelling
4. Sorting of cocoons
, boiled or exposed to sun to kill d larva
Placed alternatively in hot n cold water to separate fibre
Fibres taken out by reeling
Spinning into silk threads

SECTION-A

1. Choose the correct option:- (4x1 mark = 4)
(a) = b , (b) = b , (c) = a , (d) =b
2. Fill in the blanks:- (3x1 mark =3)
(a)= Morocco
(b)= Government
(c)=Air

SECTION-B

(11x3 marks=33)

3. In the past, any stranger who was not a part of that society or culture was considered to be a foreigner.'
4. (i) Manuscripts were copied by scribes by hand, which was difficult to understand.
(ii) Historians have to read different versions of the same and guess what that author had originally written.
(iii) Historians have to depend on the copied version as original are rarely count.
5. The Gurjara-pratihara, Rashtrakuta and Pala dynasties were involved in the "tripartite struggle" over the occupation of city of Kanauj in Ganga valley.
6. (a) The main source of income for Mughal rulers was the tax on the agricultural production.
(b) Zamindars were intermediaries between the king and peasants.
(c) Local headman of the villages, powerful chieftains were the Zamindars.
7. "Shikhara" is a Sanskrit word which means 'mountain peak.' It is the rising tower and the most pointed portion of a temple.
8. It is based on the idea of equality all the adult citizens who are 18 years and above of age have the right to vote irrespective of their backgrounds. It is one of the most important aspects of democracy.
9. Health means our ability to remain free of illness and injuries. It is a condition of complete physical, mental and social well being, not only the absence of diseases.
10. Ruling party- The party that secures maximum number of seats in Legislative assembly and gets the chance to make the government is called the ruling party.
Opposition party- The party that is unable to secure more than half of the total seats in the legislative assembly is called the opposition party.
11. Public health care- (i) Government provide health care to its citizens. (ii) Government obtains money to run those services.
Private health care-(i) A large number of doctors run their own private clinics.
(ii) Urban areas have a large number of doctors, many of them providing specialized services.
12. (i) A domestic worker's every day usually begins at 5 in the morning and ends at 12 at night. The employers do not show them much respect. They do lots of work but are not given proper diet.
13. (i) Natural components such as-land air, water and many other components that the nature provides us.
14. (i) stones, slates granite, are used for building houses, bridges, etc.
(ii) Rocks they are used in various games like pithoo, seven stones etc.
15. At times the river over flows its banks. This leads to the flooding of the neighbouring areas. As it floods, it deposits layers of fine soil and other material called sediments along its banks. This leads to the formation of flat fertile flood plain.
16. Water is life. It is a very precious natural resource of the nature. It quenches our thirst and for every activity. We need water like washing, cooking, gardening etc.
17. (i) On the basis of social and economic factors of the past.

- (ii) considerable changes that occurred between two centuries. There were many technological ,cultural,social etc. development in medieval period , but it is still contrasted with the 'modern period;
18. (i) He was the ruler of Afganistan. Extended control over parts of central Asia,Iran,and north-western part of the subcontinent.
- (ii) His later invasions were specially directed to temple town, including that of Somnath Gujarat,as Indian temples were depositories of great wealth.
19. Mansabdar performed two types of duties-civil and Military.
- (i) Their military responsibilities meant to maintain a specific number of sawar or cavalrymen according to their mansab.
- (ii) i- to bring them for review.
 ii- to get them registered.
 iii- getting their horses branded.
 iv-paying them salary.
20. (i) A person should be owner of land from which revenue was collected.
- (ii) He should have his own home.
- (iii)He should be between 35 and 70 years of age
- (iv)He should have the knowledge of Vedas.
21. Biotic- (i) The living parts of an ecosystem are called biotic components.
- (ii) All living things plants, animals, fungi, bacteria.
- (iii)Ability to a adapt to change .
- Abiotic-(i)The non- living parts of an ecosystem are called abiotic or non- biotic components.
- (ii)water, sunlight,wind,soil, humidity, minerals,gases.
- (iii)Non-ability to adapt to change.
22. (i) Core- At the centre of the Earth lies the core a dense mass of liquid iron and nickel that is solid at very centre.
- (ii) Mantle –Enclosing the metallic core is the mantle,composed of silica and Magnesium
- (iii)Crust ----- The outer most layer is the crust . Lithosphere the outer most sheet or rigid, brittle rocks, includes the crust.
23. Give reasons:-
- (i) because of the following reasons. In desert areas, rocks fall in the course of running dust storms. Winds usually erode the lower section of the rock more than the upper part and take up the shape of mushroom.
- (ii) (a) Flood plains formed due to the desposition of five soil and other material are called sediments on the river banks.
- (b)Due to spread of the new silt, the flood plains are fertile areas.
24. Air is a mixture of gases 78, Nitrogen and 21% oxygen , The remaining 1% is made of Argon , carbon Dioxide, and other trace gases.
25. (i)The dignity of people was violated in both the Cases.
- (ii)They suffered discrimination as they belonged to a different caste and religion.
- (iii)Both them were denied equal opportunity, Thus 30th the incidents show that inequalities exist in our society.
- 26.(1) The chief minister is the head of the ruling party in state Legislature.
- (ii) As the chief spokesman of the state government , he explains the government policies. He passes the important bills.
27. (i) Pandita Ramabai initiated the causes of women's education.
- (ii) She could read and write Sanskrit . She was given the title of Pandita because of these remarkable achievement . She setup a mission in Khedgaon near Pune in 1898. Widows and poor women were encouraged not only to become literate but to be independent in this mission.
- 28.For the map question of India see the Geographical and Historical Atlas.

परमाणु ऊर्जा केन्द्रीय विद्यालय - रावतभाटा

कक्षा- 7

टर्म-१ (अर्धवार्षिक परीक्षा) सत्र -2019

पूर्णांक- 80

मूल्यांकन हेतु निर्देशिका एवं अंक योजना

विषय - हिंदी

खंड-क

प्रश्न-1-कोए सा एक अपठित गद्यांश पर 2+2+2+1+1= 8 अंक

क --कुछ लाख वर्षों पहले मनुष्य वनमानुष जैसा जंगली था, तब उसे अपनी जीवन-रक्षा के लिए नाखूनों की ज़रूरत थी | वाही उसके अस्त्र थे | अपने प्रतिद्वंद्वियों को पछाड़ने के लिए नाखून आवश्यक अंग थे | 2
{ख}-मनुष्य के नाखून अब भी बढ़ रहे हैं, लेखक ने एसा इसलिए कहा क्योंकि मनुष्य की हिंसक प्रवृत्ति इतने घातक शस्त्र-अस्त्र जुटा लेने पर भी शांत नहीं हुई है | 2

{ग}-अपने प्रतिद्वंद्वियों को पछाड़ने हेतु मनुष्य नाखूनों का प्रयोग करता था | धीरे-धीरे उसने बाहरी वस्तुओं का सहारा लेना आरंभ कर दिया | पत्थर के ढेले औए पेड़ की डालें काम में लाने लगा | 2
घ-मनुष्य के नाखून अब भी बढ़ रहे हैं | अब भी प्रकृति मनुष्य को उसके भीतर वाले अस्त्र से वंचित नहीं कर रही है | अब भी वह याद दिला देती है कि तुम्हारे नाखून को भुलाया नहीं जा सकता | यहाँ मनुष्य के हृदय में बसी हिंसक प्रवृत्ति की ओर संकेत किया गया है | 1

ड-हड्डियों द्वारा निर्मित सबसे मजबूत और सबसे ऐतिहासिक अस्त्र था-वज्र, जो दधीचि मुनि की हड्डियों से बना था | इसके बाद मनुष्यों ने धातु के हथियार बनाने शुरू कर दिए | 1

अथवा

{क} -अटूट और गहरा 2

{ख}-कंद-मूल और फल 2

{ग}-जीवनदाता 2

{घ}-अंधाधुंध दोहन 1

{ड}-कुल्हाड़ी 1

प्रश्न-2 - किसी एक अपठित पद्यांश पर 2+2+1+1+1=7 अंक

{क}-कवि स्वयं को अभागा मानता है , क्योंकि दुसरे लोगों की तरह शोर-गुल उसे अच्छा नहीं लगता है | उसे शांति चाहिए | वह इसलिए भी अभागा कि दुर्भाग्य से लाउडस्पीकर बजाने वालों की दुकान उसके घर से लगी हुई है | वह सामान्य आदमी है | इसलिए दुकानदार उसका कहना भी नहीं मानता |

2

{ख}-कवि लाउडस्पीकर के शोर को सुनकर विचार करता है कि आने वाले समय में पानी और हवा के प्रदूषण से अधिक ध्वनी-प्रदूषण होने की संभावना है | उस समय शांति की अत्यधिक कमी रहेगी |

2

{ग}-क्रांति की बातें अब मनुष्यों को रोज़ी-रोटी के सामने अच्छी नहीं लगती हैं | इसिये लोग क्रांति से दूर रहते हैं |

1

{घ}-कवि शांति भंग होने से परेशान है | वह जानता है कि बदलते हुए परिवेश में मनुष्य को केवल अपनी रोटी की पड़ी है | इसलिए कहने मात्र से लाउडस्पीकर बंद नहीं हो सकता | लेन-देन के बिना तो प्रशासन भी उसकी बात नहीं सुनेगा |इसलिए विवश होकर लेन-देन के व्यवहार से ही लाउडस्पीकर को बंद करने के लिए कहता है |

1

{ड}-शांति |

1

अथवा

(क)-मेहनत 2

(ख)-साहसी 2

(ग)-मंजिल 1

(घ)-काँटों का 1

(ड)-आशा के 1

खंड-ख

प्रश्न-3- - उचित वाक्य बनाने पर 1 +1= 2 अंक

प्रश्न-4- सही वाक्य प्रयोग पर 1 +1=2 अंक

प्रश्न-5-सार्थक वाक्य पर -1 +1 = 2 अंक

प्रश्न-6- सही प्रत्यय वाले शब्द पर 1 +1=2 अंक

प्रश्न-7- समास के सही उदाहरण के लिए 1+1=2 अंक

प्रश्न-8- हथकड़ी,हथगोला, हथनाल | सोनपरी , सोनजुही ,सोनभद्र या अन्य कोई भी सही दो- दो शब्दों पर $\frac{1}{2} + \frac{1}{2} = 1$, $\frac{1}{2} + \frac{1}{2} = 1$ कुल 2 अंक

प्रश्न-9-चंचल-नदियाँ ,समतल- आंगन , घना-जंगल ,संभ्रांत-महिला $\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} = 2$ अंक

प्रश्न-10-सतलज-शतद्रुम, झेलम-वितस्ता, अजमेर-अजयमेरु, रोपड़-रूपपुर $\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} = 2$ अंक

खंड-ग

प्रश्न - 11- प्रत्येक प्रश्न के लिए एक-एक अंक कुल 5 अंक

क-पोलियो की |

ख-वह ठीक से चल नहीं पाता था, पेड़ पर चढ़ना उसके लिए कठिन था इसलिए उसने किसी पेड़ को निजि संपत्ति नहीं बनाया |

ग-यदि बड़े सुनते तो डांटपडती ।

घ-वह अपने मित्र यासुकी-चान के घर जा रही है ।

ङ-रौंकी को

प्रश्न-12- कोई से भी चार प्रश्न , प्रत्येक प्रश्न के लिए 2-2 अंक कुल 8 अंक

क- वह धनी था,संगमर की कोठी होना , सुन्दर बगीचा होना , नौकर होना । वह खुश नहीं था- खालीपन था , बच्चे नहीं थे , चहचहता नहीं था । कोई भी दो-दो बिंदु लेखन पर पूरे अंक ।

ख- ये बातें अच्छी लगी- अच्छे-बुरे लोगों की पहचान करना , घटनाओं का ज्ञान रखना , भूत-भूत करके डराना । कोई भी दो बिंदु लिखने पर पूरे अंक ।

ग- रोगाणुओं से मुकाबला करना , रोगाणुओं को शरीर में घुसने न देना , रोगाणुओं से रक्षा करना । कोई भी दो बिंदु लेखन पर पूरे अंक ।

घ- क्योंकि वह भावुक हो गया था , अपने बच्चों की याद आ गयी थी , उसका मन भर आया था , उन बच्चों में अपने बच्चे दिखे थे । कोई भी दो बिन्दुओं पर पूरे अंक ।

ङ- नदियों, कालिदास, काका कालेकर , झरने, पर्वत आदि कोई से भी दो बिन्दुओं पर पूरे अंक ।

च-बदबूदारपानी में नहाने की,विवाहमेंऔरतोंके अभिनय की,दादी माँद्वारा दूसरों की मददकरने की , दादी की सेवा करने की , रामीचाची की घटना की ।कोई भी दो बिन्दुओं पर पूरे अंक ।

प्रश्न-13 हर प्रश्न की लिए एक -एक अंक कुल 5 अंक

क-किसान के रूप में

ख-किसान के साँफें के रूप में

ग-चादर के रूप में

घ-जलती अँगीठी की भाँति

ङ-झुंड में बैठी भेड़ों से

प्रश्न-14 कोई से भी चार प्रश्न के लिए $2+2+2+2=8$ अंक

क-बहता जल पीना , कड़वी निबोरी खाना , ऊँची उडान भरना , डाली पर झूलना , खुले आकाश में उड़ना , क्षितिज मिलना आदि कोई भी दो बिंदु पर पूरे अंक ।

ख-दूसरों के इशारों पर नाचने से , विवशता से , परतंत्रता से अपने पैरों पर खड़े होने के लिए , कोई भी दो बिंदु पर पूरे अंक ।

ग-क्योंकि दूसरी कठपुतलियों की स्वतंत्रता की जिम्मेदारी से डर जाती है । उसका यह कदम सबको मुश्किल में ना डाल दे । जिम्मेदारी से घबरा जाती है । कोई भी दो बिंदु पर पूरे अंक ।

घ-आजाद होना चाहती थी । बंधन से मुक्त होना चाहती थी । कोई भी एक बिंदु पर पूरे अंक ।

ङ-यदि मैं स्वतंत्र होता तो क्षितिज तक उड़ने का मुकाबला करता, मैं इन छोटे-छोटे पंखों से क्षितिज तक उड़ता या फिर साँसे फूल जाती । कोई भी एक बिंदु पर पूरे अंक ।

प्रश्न-15 कोई से भी चार प्रश्न के लिए 2+2+2+2=8 अंक

क- कोई भी चार शिक्षाओं पर पूरे अंक ।

ख- श्रीकृष्ण ने किया क्योंकि सौ अपराध कर दिए थे ।

ग - दुर्योधन ने , पुरोचन नामक मंत्री से ।

घ - भीष्म थे । सुर्यचन्द्र देवता आदि को साक्षी मानकर प्रतिज्ञा करने के कारण ।

ङ- खाने में जहर मिलाकर , लताओं से बांधकर गंगा में बहाया ।

च - सूर्य एवं कुंती का । अधिरथ नामक सारथि ने किया ।

प्रश्न-16- मूल्यपरक प्रश्न कोई सा एक प्रश्न 3 अंक

क- माधवदास के पास सभी सुविधाएँ होना , फिर भी संतोष नहीं है , अकेलापन होना । एक दिन चिड़िया की बच्ची का आना और चहचहार से आकर्षित करना । माधवदास चाहता है कि वह उसका मन बहलाए । यही वजह है कि वह चिड़िया को भी रखने हेतु लालापित हो उठता है ।

ख-अपने घर का पता याद रखना , अकेले अनजान जगह पर न जाना , माता-पिता का मोबाइल नं याद रखना , अजनबी से बातें न करना , अकेले न जाना , अनजान से खाने की वास्तु न लेना आदि कोई भी तीन बिन्दुओं पर पूरे अंक ।

खंड-घ

प्रश्न-17- कोई से एक विषय पर निबंध / अनुच्छेद , कुल 7 अंक

प्रस्तावना -----१.५

विषय-वास्तु-----३

भाषाशैली-----१.५

उपसंहार-----१

प्रश्न-18- किसी एक पर पत्र के लिए 5 अंक

दिनांक , पता , संबोधन , अभिवादन , प्रारंभ -----२

विषय-वास्तु-----२

समापन-----१

परमाणु ऊर्जा केन्द्रीय विद्यालय, रावतभाटा
अर्धवार्षिक परीक्षा-2019
अंक योजना

कक्षा - सातवीं	समय - 1.30 घंटा
विषय - संस्कृत	पूर्णांक - 40
प्र.1अ और आ. शिक्षक स्वविवेकानुसार सही अर्थ पर अंक दें।	
4+4	
प्र.2 क. आकाश ख. विपिनबिहारीदासेन ग. तुन्दस्य घ. शिवः ड. त्रयः	5
प्र.3 शिक्षक स्वविवेकानुसार अंक प्रदान करें	4
प्र.4 अशोकचक्रम प्रगतेः न्यायस्य च प्रवर्तकम्। 2.5	
त्रिवर्णध्वजस्य स्वीकरणं 22 जुलाई 1947 तमे वर्षे जातम्।	
केशरवर्णः शौर्यस्य त्यागस्य च सूचकः।	
हरितवर्णः सुषमायाः उर्वरतायाः च सूचकः।	
त्रिवर्णध्वजस्य स्वाधीनतायाः राष्ट्रगौरवस्य च प्रतीकः।	
प्र.5 शिक्षक स्वविवेकानुसार अंक प्रदान करें।	5
प्र.6 समानार्थक शब्दों का मिलान कीजिए।	2.5
शिलायां प्रस्तरे	
पशवः जन्तवः	
अम्बा माता	
नेत्राणि नयनानि	
तूष्णीम् मौनम्	
प्र.7 उपरि, बहिः, सुलभम्, निच्यैः	2
प्र.8 उपरि, अलं, बहिः, अधः, अन्तः	2.5
प्र.9 आम, न, आम, न, आम	2.5
प्र.10 एतम् एतौ एतान	3
एतेन एताभ्याम् एतौ	
प्र.11 चरिष्यति चरिष्यतः चरिष्यन्ति	3
चरिष्यामि चरिष्यावः चरिष्यामः	