

4/8/18

KENDRIYA VIDYALAYA AFS, BAGDOGRA

PERIODIC TEST EXAMINATION

SESSION- (2018-19)

SUBJECT	ENGLISH	CLASS	VIII
TIME	2Hrs	MAXIMUM MARKS	50

Instructions : All questions are compulsory-

READING

Q1	Read the following passage and answer the following questions-	
	<p>“He was an old man. But not in vain had he grown old; more numerous than the white hairs on his head were the wise thoughts in his mind. Ernest had ceased to be obscure. Unsought for, undesired, had come the fame which so many seek. He had become famous beyond the limits of the valley. College professors and even the active men of cities, came from far to see and converse with Ernest and he received them with gentle sincerity and spoke freely with them of whatever came uppermost, or lay deepest in his heart or their own.”</p>	5x2
1	Why were the people from across the valley interested in meeting Ernest?	
2	What made Ernest open up his mind freely with his audience?	
3	How did Ernest receive his guests?	

4	<p>What was Ernest to the various people who came to meet Ernest?</p> <p>(i) Teacher</p> <p>(ii) Doctor</p> <p>(iii) Counsellor</p> <p>(iv) Tourist guide</p>	
5	<p>Choose the meaning of 'obscure' from the following options.</p> <p>(i) Not well known</p> <p>(ii) Hidden</p> <p>(iii) Dead</p> <p>(iv) Lost</p>	
Q2	<p>As the President of the Women Development Cell, draft a notice for all the girl students of your school, inviting them to attend the workshop to be held in your school teaching the girls certain self-defence techniques.</p> <p style="text-align: center;">Or</p> <p>You forgot to tell your mother that you would be late in coming back from school on account of football match. Draft a message for your mother informing her about the same, giving details of when you would be back.</p>	5x1
Q3	<p>Write an application to the principal of your school requesting him to permit your class to visit the nearby railway station (cite a reason for your visit).</p>	6x1
Q4	<p><u>Grammar</u></p>	9x1
1	<p>Fill in the blanks in the following passage with one word only in each</p>	

	<p>blank. Write the correct word in the correct blank.</p> <p>A dialogue literally means “talk between two people”. Dialogue-writing (i) _____ a useful form of composition, especially (ii) _____ the Indian student (iii) _____ is trying to gain a good command (iv) _____ spoken English. Under proper guidance it should introduce him (v) _____ the colloquial way of talking English.</p>	
2	<p>Rearrange the following words/phrases to form meaningful sentences.</p> <p>(i) Source/of/life/country/rivers/are/a/for/a</p> <p>(ii) Irrigate/land/fertile/they/the/and/make/it</p> <p>(iii) Sometimes/they/overflow/cause/floods/however/and</p> <p>(iv) Are/being/rivers/human/polluted/activities/by/days/these</p>	
Q5	<p>Read the passage given below carefully and answer the questions that follow.</p> <p>“You remember that and you don’t remember that it was I who fixed up your railway booking for Ranchi? I went to the station to see you off; one of the fans in your compartment was not working- I got an electrician to fix it. Have you forgotten everything?”</p> <p>(i) What does the speaker do to help Bepin Babu retrieve his memory?</p> <p>(ii) Does Bepin Babu manage to recall the Ranchi visit after the speaker reminds him?</p> <p>(iii) How far does Chunilal succeed in his tricks?</p> <p>(iv) Who is the speaker of these lines?</p>	4

- (a) Parimal Ghose
- (b) Dr Chanda
- (c) Chunilal
- (d) Dinesh Mukherji

Q6 Read the stanza given below carefully and answer the questions that follow. 3

“I love to rise in a summer morn,
When the birds sing on every tree
The distant huntsman winds his horn
And the Skylark sings with me.
O! what sweet company.”

- (i) Name the poem and the poet
- (ii) What does the huntsman do?
- (iii) Who sings with the poet?

Q7 (i) Answer the following questions in 20-30 words. 4x2

- (a) Who is Macavity?
- (b) Where had the Giant been to?

(ii) Write short answers for the following questions.

- (a) What did Raja Ram Mohun Roy say about his culture?
- (b) Why does the narrator buy the old desk?

Q8	<p>What was so unique about the Christmas that Jim describes in his letter to Connie?</p> <p style="text-align: center;">OR</p> <p>Was the giant selfish and wicked? How do you know?</p>	5x1

केंद्रीय विद्यालयवायुसेना स्थल बागडोगरा
 आवधिक परीक्षा - 1 (2018-19)
 कक्षा - आठवी विषय - हिंदी

पूर्णांक-50

समय- 2 ½ घंटे

सामान्य निर्देश: 1 सभी प्रश्नों के उत्तर देना अनिवार्य है।

2. विद्यार्थी यथा संभव अपने ही शब्दों में उत्तर दें।

प्रश्न 1- निम्नलिखित गद्यांशो को पढ़कर निचे दिए गए प्रश्नों के सही उत्तर वाले विकल्प चुनकर लिखिए।
 1x5=5

खेलों का सबसे बड़ा लाभ तो यह है कि वे हमारी मांसपेशियों को दृढ़ करते हैं, शरीर के विषैले पदार्थों को पसीने के रूप में बहार निकलते हैं, रक्त को शुद्ध करते हैं तथा शरीर में रक्त-संचार को बढ़ाते हैं। इनसे शरीर को ऑक्सीजन अधिक मात्रा में प्राप्त होती है। वक्ष दृढ़ होता है, पैर मजबूत होते हैं और शरीर में स्फूर्ति आती है। शरीर बलवान बनता है, अनावश्यक मोटापा कम हो जाता है और मोटापे से होने वाली बिमारियों से शरीर की रक्षा होती है। खुलकर भूख लगती है तथा पाचन-क्रिया ठीक रहती है। मनुष्य के समस्त क्रियाकलापों का माध्यम शरीर ही है।

- खेलों से क्या-क्या लाभ होते हैं?
- खेल से शरीर को अधिक मात्रा में क्या प्राप्त होती है ?
- आवश्यक और कमजोर का विलोम शब्द लिखे ?
- उपर्युक्त गद्यांश का उचित शीर्षक बताइये ?
- मनुष्य के समस्त क्रियाकलापों का माध्यम क्या है ?

प्रश्न 2- निम्नलिखित गद्यांश को पढ़कर दिए गए प्रश्नों के उत्तर दीजिये-

1x5=5

बस सचमुच चल पड़ी और हमें लगा कि यह गांधी के असहयोग और सविनय अवज्ञा आन्दोलन के वक्त अवश्य जवान रही होगी। उसे ट्रेनिंग मिल चुकी थी। हर हिस्सा दुसरे से असहयोग चल रहा था। हकाभी लगता सीट बाँडी को छोड़कर आगे निकल जाएगी। कभी लगता कि सीट को छोड़कर बाँडी आगे भागी जा रही है। आठ-दस मील चलने पर भेदभाव मिट गए। यह समझ में नहीं आता था कि सीट पर हम बैठे हैं या सीट हम पर बैठी है।

- लेखक ने बस कि तुलना गांधीके असहयोग और सविनय अवज्ञा आंदोलनों के साथ क्यों की?
- 'बस का हर हिस्सा दुसरे से सहयोग कर रहा था' ऐसा लेखक ने क्यों कहा ?
- गांधी जी ने सविनय अवज्ञा आन्दोलन कब चलाया था ?
- बस कि सीटें कैसी थी ?
- लेखक ने बस के माध्यम से किस पर व्यंग मारा है ?

प्रश्न 3 - निर्देशानुसार उत्तर दीजिये ? 1x6=6 'काली घटा की घमंड घटा' में कौन सा अलंकार है?

- संख्यावाचक विशेषण का दो उदाहरण दीजिए।
- 'रजा अपनी व्यथा छुपा न सका' में भाववाचक संज्ञा कौन सा है।
- 'हार' शब्द का अर्थ लिखकर दो वाक्य बनाइए।
- पेड़ से पत्ते गिरते हैं। (रेखांकित शब्द का कारक बताइए)
- सीमा तेज़ बोलती है। (वाक्य से गुणवाचक विशेषण छांटिए)

प्रश्न 4- निम्नलिखित काव्यांश को पढ़कर दिए गए प्रश्नों के उत्तर लिखिए
 किस और चले यह मत पुचो,
 चलना है, बस इसलिए चले,
 जग से उसका कुछ लिए चले,

जग को अपना कुछ दिए चले,
दो बात कही, दो बात सुनी
कुछ हँसे और कुछ रोए।

- क) बलि-वीरों की राह निश्चित क्यों नहीं है ? 1
ख) कवि और कविता का नाम लिखिए । 2
ग) बलि वीर संसार के लोगों से मिलकर कुछ हँसते और कुछ रोते क्यों है ? 1
घ) वे संसार से कैसा संबंध रखते है ? 1

प्रश्न 5- निम्न प्रश्नों के उत्तर दीजिए $2 \times 7 = 14$ कवि ने अपने आने को 'उल्लास' और जाने को 'आँसू बनकर बह जाना' क्यों कहा है ?

- क) पत्र जैसा संतोष फ़ोन या एस. एम. एस. क्यों नहीं दे सकता ?
ख) 'मशीनी युग ने हाथ काट दिए' क्या लेखक का यह सोचना सही है ?
ग) कवि को ऐसा विश्वास क्यों है कि उसका अंत अभी नहीं होगा ?
घ) लेखक पेड़ों को दुश्मन क्यों समझ रहा था ?
ङ) कवि ने पक्षी और बादल को भगवान के डाकिए क्यों बताया है ?
च) वस्तु विनिमय क्या है ? विनिमय की प्रचलित पद्धति क्या है ?

प्रश्न 6- निम्नलिखित प्रश्नों के उत्तर लिखिए-

$2 \times 5 = 10$

- क) पंडित नेहरु को क्यों कलम उठाना पड़ा ?
ख) अहमदनगर किले के साथ कौन सी घटना जुड़ी है ?
ग) 'भारत के अतीत की झाँकी' के अवलोकन से नेहरु क्या निष्कर्ष निकालते है ?
घ) 'भारत की विविधता और एकता' से आप क्या समझते है ?
ङ) भारत के किसानों की समस्याएँ क्या थी ?

प्रश्न 7 - हैदराबाद रहने वाले मित्र को पत्र लिखकर बताइए कि दिल्ली छेत्र में यातायात की समस्याएँ दिन-प्रतिदिन कैसे बढ़ती जा रही है ?

Time-2 hrs

Sub- Social Science

MM-50

1. Who was James Mill? 1
2. Who introduced Doctrine of lapse? 1
3. What do you mean by abiotic resources? 1
4. Who was Haider Ali? 1
5. What is soil erosion? 1
6. Who is known as the father of Indian constitution? 1
7. Is India a secular state? If 'Yes' then Why? 1
8. What is secularism? 3
9. Why does a democratic country need a constitution? 3
10. What are the different methods of soil conservation? 3
11. Distinguish between renewable and non renewable resources. 3
12. On the basis of origin, classify the natural resources. 3
13. What are human resources? How are they developed? 5
14. Write any five reasons for land degradation today? 5
15. What is a constitution? Explain any four features of Indian constitution. 5
16. Explain the fundamental rights mentioned in our constitution. 5
17. Who was the Tiger of Mysore? How was Mysore captured by the British? 5
18. On the outline political map of India locate the following 3
 - i) Mysore
 - ii) Plassey
 - iii) Buxar

केन्द्रीयविद्यालयः , वायुसेनास्थलम् बागडोगरा

आवधिक परीक्षा (PT 1) 2018 - 2019

विषयः - संस्कृतम् (Sanskrit)

कक्षा - अष्टमी (8th)

समयः - 120 निमेषाः (2 घंटे)

पूर्णांकाः - 50

निर्देशाः - 1. अस्मिन् प्रश्नपत्रे त्रयः खण्डाः सन्ति ।

2. सर्वेषाम् प्रश्नानाम् उत्तराणि अस्मिन् एव पुस्तिकायाम् दातव्यानि ।

खण्डः (क) पठितावबोधनम् 24 अंकाः

1. प्रश्नः- अधोलिखितान् प्रश्नान् पूर्ववाक्येन उत्तरत - $1 * 4 = 4$

(क) प्राचीनकाले विद्या कथं गृह्यते स्म ? -----

(ख) वृक्षाणां कर्तनं कथं न्यूनतां यास्यति ? -----

(ग) चिकित्सालये कस्य आवश्यकता अद्य नानुभूयते ? -----

(घ) वयम् कस्यां दिशि अग्रेसरामः ? -----

(2) प्रश्न - अधोलिखितानां प्रश्नानाम् उत्तराणि एकपदेन उत्तरत - $1/2 * 5 = 2 1/2$

(क) स्वकीयं साधनं किं भवति ? -----

(ख) पथि के विषमः प्रखराः ? -----

(ग) सततं किं करणीयम् ? -----

(घ) एतस्य गीतस्य रचयिता कः ? -----

1

(ङ) सः कीदृशः कविः मन्यते ? -----

प्रश्न: (3) प्रश्न: पूर्णवाक्येन उत्तरत - $1 * 6 = 6$

(क) खरनखरः कुत्र प्रतिवसति स्म ?

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.....

(ख) महतीं गुहां दृष्ट्वा सिंहः किम् अचिन्तयत् ?

.....
.....

(ग) शृगालः किम् अचिन्तयत् ?

.....
..... (घ) शृगालः कुत्र पलायित ?
.....
.....

(ङ) किं विचार्य सिंहः शृगालस्य आह्वानमकरोत् ?

.....
.....

(च) अस्यां कथायां कस्य चातुर्यं निरूपितं सिंहस्य शृगालस्य वा ? -----

(4) प्रश्नानाम् उत्तराणि एकपदेन लिखत - $1 * 5 = 5$

(क) व्यसनिनः किं नश्यति ? -----

(ख) कस्यां रोचमानायां सर्वं कुलं रोचते ? -----

(ग) कस्य यशः नश्यति -----

(घ) मधुमक्षिका किं जनयति ? -----

(ङ) मधुरसूक्तरसं के सृजन्ति ? -----

(5) श्लोकांशेषु रिक्तस्थानानि पूरयत - $1/2 * 3 = 1 1/2$

(क) समुद्रमासाद्य ।

(ख) वचः मधुरसूक्तरसं सृजन्ति ।

(ग) तद्भागधेयं पशूनाम् ।

(6) प्रश्न - संस्कृतेन उत्तरत - $1 * 5 = 5$ अंका :

(क) चंचलेन वने किं कृतम् ?

(ख) व्याघ्रस्य पिपासा कथं शान्ता ?

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.....

(ग) जलं पीत्वा व्याघ्रः किम् अवदत् ?

.....
.....

(घ) चंचलः मातृस्वसः! इति कां सम्बोधितवान् ?

(ङ) जाले पुनः बद्धं व्याघ्रं दृष्ट्वा व्याधः किम् अकरोत् ?

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खण्डः - (ख) रचनात्मकलेखनम् 10 अंका :

प्रश्नः (7) मञ्जूषातः पदानि चित्वा कथां पूरयत - $1 * 5 = 5$ अंका :

दृष्ट्वा स्वकीयैः कृतवान् कर्तनम् वृद्धः साट्टहासम् तर्हि क्षुद्रः
मोचयितुम् अकस्मात्

एकस्मिन् वने एकः (1) ----- व्याघ्रः आसीत् । सः एकदा व्याघ्रेण विस्तारिते जाले बद्धः
अभवत् । सः बहुप्रयासं (2) ----- किन्तु जालात् मुक्तः नाभवत् । (3) -----
- तत्र एकः मूषकः समागच्छत् । बद्धं व्याघ्रं (4) ----- सः तम् अवदत् - अहो !
भवान् जाले बद्धः । अहं त्वां (5) ----- इच्छामि । तच्छ्रुत्वा व्याघ्रः (6) -----
----- अवदत् - अरे ! त्वं (7) ----- जीवः मम सहाय्यं करिष्यसि । यदि त्वं
मां मोचयिष्यसि (8) ----- अहं त्वां न हनिष्यामि । मूषकः (9) -----
लघुदन्तैः तज्जालस्य (10) ----- कृत्वा तं व्याघ्रं बहिः कृतवान् ।

प्रश्नः (8) प्रश्नः अधोलिखितेन पदेन लघु वाक्य निर्माणं कुरुत - $1 * 5 = 5$ अंका

(क) जिज्ञासा -

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.....

(ख) आवश्यकता -

.....
.....

(ग) सामग्री -

.....
.....

(घ) पर्यावरण सुरक्षा -

.....
.....

(ङ) विश्रामगृहम् -

.....
.....

खण्ड: (ग) अनुप्रयुक्त व्याकरणम् 16 अंकाः

प्रश्न: (9) मञ्जूषातः अव्ययपदं चित्वा वाक्यानि पूरयत - $\frac{1}{2} * 6 = 3$ अंकाः

सदा बहिः दूरं तावत् तर्हि तदा

(क) यदा दशवादनं भवति छात्राः विद्यालयं गच्छन्ति । (ख) सूर्यः पूर्वदिशायां उदेति । (ग) शृगालः गुहायाः आसीत् । (घ) स च यावत् पश्यति, सिंहपदपद्धतिः गुहायां प्रविष्टा दृश्यते । (ङ) शृगालोऽपि ततः पलायमानः अपठत् । (च) यदि सफलताम् इच्छसि आलस्यं त्यज ।

(10) प्रश्न - अधोलिखितानि पदानि निर्देशानुसारं परिवर्तयत - $1 * 6 = 6$

यथा - गिरिशिखर (सप्तमी - एकवचने) - गिरिशिखरे

पथिन् (सप्तमी - एकवचने) - -----

राष्ट्र (चतुर्थी - एकवचने) - -----

पाषाण (सप्तमी - एकवचने) - -----

यान (द्वितीया - बहुवचने) - -----

शक्ति (प्रथमा - एकवचने) - -----

पशु (सप्तमी - बहुवचने) - -----

4

(11) उदाहरणमनुसृत्य विशेषण विशेष्यमेलनं कुरुत - $1/2 * 5 = 2 \frac{1}{2}$ अंका :

विशेषण	विशेष्य
(क) मौखिकम्	(1) ज्ञानम्
(ख) मनोगताः	(2) उपकारः
(ग) टंकिता	(3) काले
(घ) महान्	(4) विनिमयः
(ङ) मुद्राविहीनः	(5) कार्याणि

(12) प्रश्नः - विलोमपदानि योजयत - $1/2 * 5 = 2 \frac{1}{2}$ अंका :

पुरतः	विरक्तिः
स्वकीयम्	आगमनम्
भीतिः	पृष्ठतः
अनुरक्तिः	परकीयम्
गमनम्	साहसः

(13) अधोलिखित- तद्भव शब्दानां कृते पाठात् चित्वा संस्कृतपदानि लिखत - $1/2 * 4 = 2$

यथा - कञूस	कृपणः
कडवा
पूँछ
लोभी
मधुमक्खी

5

6/8/18

KENDRIYA VIDYALAYA AFS BAGDOGRA
PERIODIC TEST-1(2018-19)

SUB-MATHEMATICS

MAX.MARKS-50

TIME-2hours

CLASS-VIII

GENERAL INSTRUCTION:

- (i) Question number 1 to 5 carries 1 mark each
- (ii) Question number 6 to 10 carries 2 marks each
- (iii) Question number 11 to 15 carries 3 marks each
- (iv) Question number 16 to 20 carries 4 marks each

Q1. Write the rational numbers that are equal to their reciprocals.

Q2. Solve $0.16(5x-2)=0.4x+7$

Q3. The interior angle of a regular polygon is 156° . Find the number of sides of the polygon.

Q4. The probability that it will rain tomorrow is 0.85. What is the probability that it will not rain tomorrow?

Q5. Is 0.3 is the multiplicative inverse of $3\frac{1}{3}$? Why or why not?

Q6. Using appropriate properties find $\frac{2}{5} \times \left(\frac{-3}{7}\right) - \frac{1}{6} \times \frac{3}{2} + \frac{1}{14} \times \frac{2}{5}$

Q7. My age is four times the difference of my age after four years and my age three years back. How old am I?

Q8. If an angle of a parallelogram is two-third of its adjacent angle, find the angles of the parallelogram.

Q9. Construct

Rhombus BEND

BN=5.6cm, DE=6.5cm

Q10. When a die is thrown, find the probability of getting (a) a prime number. (b) a number not greater than 5

Q11. Find five rational numbers between $\frac{2}{3}$ and $\frac{4}{5}$

Q12. The organisers of an essay competition decide that a winner in the competition gets a prize of Rs100 and a participant who does not win gets a prize of Rs25. The

total prize money distributed is Rs3000. Find the number of winners, if the total number of participant is 63.

Q13. Prove that the diagonals of a rhombus are perpendicular bisector of one another.

Q14. Construct a quadrilateral MIST where $MI=3.5\text{cm}$, $IS=6.5\text{cm}$, $\angle M=75^\circ$, $\angle I=105^\circ$ and $\angle S=120^\circ$

Q15. On a particular day, the sales (in rupees) of different items of a baker's shop are given below.

Ordinary bread : 320

Fruit bread : 80

Cakes and pastries: 160

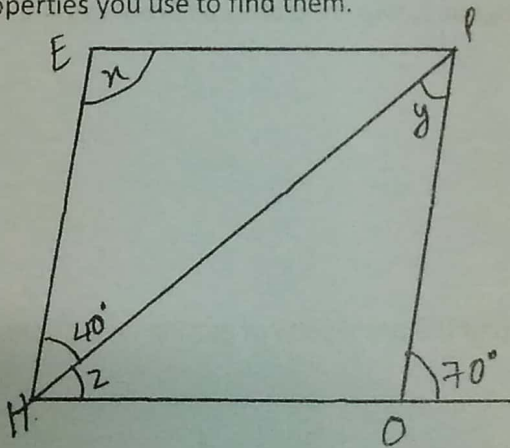
Biscuits : 120

Others : 40

Draw a pie chart for this data.

Q16. Hasan buys two kinds of cloth materials for school uniforms, shirt material that costs him Rs50 per meter and trouser material that costs him Rs90 per meter. For every 3 meters of the shirt material he buys 2 meters of the trouser material. He sells the materials at 12% and 10% profit respectively. His total sale is Rs36600. How much trouser material did he buy?

Q17. The adjacent figure HOPE is a parallelogram. Find the angle measures x , y and z . State the properties you use to find them.



Q18. Construct quadrilateral JUMP

$JU=3.5\text{cm}$, $UM=4\text{cm}$, $MP=5\text{cm}$, $PJ=4.5\text{cm}$ and $PU=6.5\text{cm}$

Q19. The weekly wages (in Rs) of 30 workers in a factory are.

830, 835, 890, 810, 835, 836, 869, 845, 898, 890, 820, 860, 832, 833,
855, 845, 804, 808, 812, 840, 885, 835, 835, 836, 878, 840, 868, 890, 806, 840

Using tally marks make a frequency table with intervals as 800-810, 810-820 and so on. Also draw a histogram for the frequency table.

Q20. There are 90 multiple choice questions in a test. Suppose you get two marks for every correct answer and for every question you leave unattempted or answer wrongly, one mark is deducted from your total score of correct answers. If you get 60 marks in the test, then how many questions did you answer correctly?

KENDRIYA VIDYALAYA SANGATHAN , AFS, BAGDOGRA

PERIODIC TEST-I (2018-2019)

SUBJECT: SCIENCE

CLASS: VIII

TIME: 2 HOURS

MAX MARKS: 50 MARKS

INSTRUCTIONS:

1. All questions are compulsory but there are some internal choices.
2. Question numbers 1 to 6 are MCQ carry one marks each.
3. Question numbers 7 to 12 are very short answer (VSA) carry two marks and to be answered in one word or in one sentence.
4. Question numbers 13 to 20 are two mark questions (SA) and to be answered in about 20 to 40 words.
5. Question numbers 21 to 24 are three marks questions (LA) and to be answered in about 40 to 60 words while 25 and 26 are five marks question (VLA) and to be answered in about 60 to 100 words.

Q No		Marks
1	Carrier of Malaria- causing protozoan is a) Female Anopheles mosquito b) Cockroach c) House fly d) Butterfly	1M
2	Which of the following can be drawn into wires? a) Oxygen b) Silver c) Sulphur d) Phosphorous	1M
3	The process of beating out grains from the harvested wheat crop is called a) beating b) crushing c) Threshing d) Weeding	1M
4	Identify the inexhaustible natural resource. a) Forest b) Sunlight c) Coal d) Minerals	1M
5	_____ is the first manmade fibre and it is obtained from wood pulp. a) Rayon b) Nylon c) Polyester d) Terylene	1M
6	Weeds are the a) Main crop plants b) Insects and pests c) Unwanted plants grow in the crop d) Chemical substance	1M
7	Name the synthetic fibre which is used to make Non-stick cookwares.	1M
8	What is '4R' principle?	1M
9	Name any TWO microorganisms which can fix atmospheric nitrogen in	1M

	the soil	
10	Define fossil fuel.	1M
11	Define Ignition temperature.	1M
12	What are Silos?	1M
13	What are antibiotics? What precautions must be taken while taking antibiotics?	2M
14	Differentiate between Natural fibres and Synthetic fibres. Or Distinguish between Biodegradables and Non-biodegradable substances.	2M
15	Name these a) The form of magnesium found in plants. b) The form of iron found in our body. Or Complete the equation. a) _____ + _____ \longrightarrow Na ₂ O b) Ca + H ₂ SO ₄ \longrightarrow _____ + _____	2M (1+1)
16	Describe the TWO methods of irrigation which conserve water. Or List out all the activities which are referred to as agricultural practices.	2M
17	Define. (1+1) a) Malleability b) Sonorous Or Differentiate between Metals and Non-metals.	2M
18	In an experiment 4.5kg of a fuel was completely burnt. The heat produced was measured to be 180,000 kJ. Calculate the calorific value of the fuel.	2M
19	Write a brief note on Pasteurization.	2M
20	Write the consequences of excessive use and mining of coal and petroleum.	2M
21	Write a short note on advantages of any Microorganisms in our lives.	3M
22	Explain the following reactions with suitable example.	3M

	a) Reaction of metals with water b) Reaction of Non-metals with oxygen c) Displacement reaction.	(1+1+1)
23	Give reasons: a) The pressure cooker handles are made of thermosetting plastics. b) Plastic containers are favoured for storing food. c) People prefer to wear cotton shirts for summer.	3M (1+1+1)
24	Mention any TWO uses of each substance. a) Coke b) Kerosene c) Natural gas	3M (1+1+1)
25	Write a short note on each of the following. a) Fertiliser b) Kharif crop c) Rabi crops d) Manure e) Preparation of soil.	5M (1+1+ 1+1+1)
26	a) Define Combustion. Describe about the types of Combustion. (3M) b) Draw the labeled diagram of a candle flame. (2M) Or a) How do we control fire? (2M) b) Write a short note on Global warming? (2M) c) Which poisonous gas is formed as a result of incomplete combustion? (1M)	5M