12thSci

(1)

# डी. बी. जे. कनिष्ठ महाविद्यालय, चिपळूण

## कृतिपत्रिका — प्रथम सत्र

## इयत्ता १२ वी

वेळ— २:३० ताास विषय — मराठी (कला/विज्ञान) गुण — ५०

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**कृती — १) अ) सूचनेप्रमाणे कृती सोडवा.**

१. अ) लेखकाने वर्णन केलेली विकृती — [ ] [ ] (१)

२. अक्षम्य वेग म्हणजे ---------- (१)

आता माणूस घरातून दारात आला, की वाहनावर आरूढ होतो. वेळ थोडा असतो. कामे बरीच असतात. पायी चालत उरकता येत नाहीत. जीवन हे दशदिशांना विभागलेले आहे. मुलांची शाळा एका टोकाला, आपले कार्यालय दुसऱ्या टोकाला, मंडई एका बाजूला तर दवाखाना दूर, कुठल्या तरी दिशेला. जीवनाची ही टोके सांधणार कशी? जोडणार कशी? शेवटी गती ही घ्यावीच लागते. यथाप्रमाण गती ही गरज आहे; पण अप्रमाण, अवास्तव आणि अनावश्यक गती ही एक विकृती आहे. आपली कामे यथासांग पार पाडावीत? एवढा वेग जीवनाला असावा. त्यापेक्षा अधिक वेग म्हणजे अक्षम्य आवेग म्हणावा लागेल. तो आत्मघातकी ठरतो. अमेरिकेसारख्या विकसित देशात माणसे वेगाने जीवन जगतात. घरोघर आणि दरडोई वाहन उपलब्ध असते. रस्ते रुंद, सरळ, निर्विघ्न आणि एकमार्गी असतात. घरे, कार्यालये, बाजारपेठा यांत निदान शंभर मैलांचे किमान अंतर असते. जवळच्या जवळ सगळे असे सहसा नसते. अतंरावरच्या गोष्टींशी जवळीक साधण्यासाठी दूरवर जावे लागते. यातून माणसामाणसांत दुरावा निर्माण होतो. तसे जाचदायक आणि असहय होऊ नये म्हणून वेगाचा आश्रय घेतला जातो. वेगामुळे माणसे बेभान होतात. भान हरपले म्हणजे अस्वस्थता विरून जाते. वेगात एक बेहोषी असते.

३. 'वाहनाची अतिगति ही विकृती आहे.' याबाबत तुमचे मत १२ते१५ ओळींत लिहा. (४)

किंवा

३. रस्त्यावरील वाहतुक कोंडी कमी करण्याच्या उपाययोजना लिहा.

**ब) सूचनेप्रमाणे कृती सोडवा.**

१. लेखकाने सांगितलेली आनंदाची गंमत १.———— २.———— (१)

२. आनंदाचा उगम———————————— (१)

आनंद संगळयांनाच हवा असतो... पण आपला आनंद नेमका कशात आहे, हे अनेकांना कळत नसतं. आनंद म्हणजे नेमकं काय हेही उलगडलेलं नसतं. कुठे असतो हा आनंद? कुठे नसतो हा आनंद? आनंदी आनंद गडे, जिकडे तिकडे चोहीकडे! ही फक्त कविकल्पनाच नव्हे, तेच सत्य आहे, किंबहुना शाश्वत सत्य आहे!

आनंदाची गंमत अशी आहे, की तुम्ही शोधू लागलात, की तो दडून बसतो, पकडू गेलात, की हातातून निसटतो. आनंदासाठी जितका आटापिटा कराल, तितका तो हुलकावण्या देतो. जितका सहजपणे घ्याल, तितका आनंद सहज प्राप्त होतो. आनंद असतोच. तो अनुभवता मात्र यावा लागतो

आनंदाच्या बाबतीत कळसा काखेत असूनही आपण गावाला वळसा घालीत असतो. आनंद आपण बाहेर शोधत असतो आणि तो मात्र आत असतो. आनंद आपल्या मनातच असतो. आनंदाच्या झऱ्याचा उगम आपल्या अंतरंगातच असतो.

हे खरं आहे, की आनंद सर्वत्र असतो; पण अंतरंगात आनंद असेल, तरच तो अनुभवता येतो. आनंदाचं नातं जुळतं, ते फक्त आनंदाशी. आनंदाला आकर्षित करतो, तो फक्त आनंदच. आनंदाला प्रसवतो, तोही आनंदच.

३. आनंदाच्या बाबतीत काखेत कळसा आणि गावाला वळसा. ही म्हण तुमच्या शब्दांत स्पष्ट करा. (४)

**किंवा**

३. 'तुमच्या आयुष्यातील आनंदी क्षणाचे वर्णन करा.

**कृती – २) अ) सूचनेप्रमाणे कृती सोडवा.**

१ स्त्री करत असलेली कामे – (१)



२ पुढील शब्दासाठी कवयित्रीने वापरलेली विशेषणे लिहा (१)

जमीन – ☐ फुल– ☐

सरी वाफ्यात, कांद लावते
बाई लावते
नाही कांद ग, जीव लावते
बाई लावते
काळ्या आईला, हिरवं गोंदते
बाई गोंदते
रोज मातीत, मी ग नादते
बाई नादते.

फुलं सोन्याची, झेंडू तोडते
बाई तोडते
नाही फुलं ग, देह तोडते
बाई तोडते
घरादाराला, तोरण बांधते
बाई बांधते
रोज मातीत, मी ग नांदते
बाई नांदते.

३ तुमच्या परिसरातील कष्टकरी महिलेचे वर्णन करा. (४)

**किंवा**

३ शेतात राबणाऱ्या कष्टकरी स्त्रीचे वर्णन तुमच्या शब्दांत करा.

**कृती – २) ब)**

रगुनी रगात साऱ्या रंग माझा वेगळा !
गुतुनी गुंत्यात साऱ्या पाय माझा मोकळा ! **या ओळींचा अर्थ लिहा.** (२)

**किंवा**

कोण जाणे कोठुनी हया सावल्या आल्या पुढे;
मी असा की लागती हया सावल्यांच्याही झळा! **या ओळींचा अर्थ लिहा.**

**कृती – ३) सूचनेप्रमाणे कृती सोडवा.**

१. 'कथा' या शब्दाचा अर्थ लिहा.———————————— (१)

२. प्रारंभी कथा लेखन करण्यामागचं कारण.———————————— (१)

मनुष्य आपले अनुभव व कल्पना जेव्हा दुसऱ्याला सांगू लागला तेव्हाच त्याची गोष्ट झाली आणि त्यातून कथेचा जन्म झाला. 'कथा' या शब्दाचा शब्दशः अर्थ गोष्ट, कहाणी, हकीकत, वर्णन असा आहे. लक्षवेधी, सोप्पा, सुटसुटीत आणि रसाळ शब्दांत पूर्वी गोष्ट सांगितली जात असे. या श्रवण–गोष्टीतून मनोरंजन व अपत्यक्षपणे बोध देण्याचा प्रयत्न होत असे.

मौखिक परंपरेतून सुरू झालेल्या व लिखित स्वरूपात स्थिरावलेल्या 'कथा' या वाङ्मयप्रकाराला उत्तरोत्तर लोकप्रियता लाभत गेली. कथ् म्हणजे सांगणे, निवेदन करणे, कथ् या मूळ धातूपासून 'कथा' हा शब्द रूढ झाला आहे. भारतात कथा या साहित्यप्रकाराला फार मोठी परंपरा आहे.

प्रारंभी एखादी शिकवण देण्यासाठी, बोध देण्यासाठी कथालेखन केले गेले. नंतर–नंतर मनोरंजन करण्यासाठी किंवा एखादा विचार, भावना, चित्ताकर्षक घटना वाचकांपर्यंत पोहोचवण्यासाठी कथा लिहिल्या जाऊ लागल्या.

कथेत घटना असतात, कथानक असते, तिच्यात पात्रे असतात, स्थळ, काळ, वेळ यांचाही उल्लेख कथते असॅतो. कथेच्या विषयानुसार तिच्यात विशिष्ट वातावरणही असते आणि समर्पक अशी निवेदनशैलीही असते. कथेतील पात्रांच्या परस्परसंबंधातून निर्माण झालेले ताणतणाव, संघर्ष, गुंतागुंतही कथेत असते आणि या सर्वांचा एक उत्कर्षबिंदूही (क्लायमॅक्स) असतो कथेत! अर्थात या सर्व घटकांनी युक्त अशा कथेला समर्पक शेवटही असतो तसचे एक सुयोग्य आणि उत्तम शीर्षकही असतो.

थोडक्यात सांगायचे तर... कथा म्हणजे...

'एका विशिष्ट स्थलकाली पात्रांच्या परस्परसंबंधातून घडलेल्या घटनांचे एखादया विशिष्ट हेतूने केले उत्कंठावर्धक चित्रण म्हणजे कथा.'

३. कथा म्हणजे काय ते थोडक्यात लिहा. (२)

## उपयोजित मराठी

**कृती – ४) अ) थोडक्यात उत्तर लिहा. (कोणतेही एक)** (२)

१. मुलाखत म्हणजे काय ते थोडक्यात स्पष्ट करा.

२. माहितीपत्रक म्हणजे अप्रत्यक्ष जाहिरातच असते हे स्पष्ट करा.

**ब) दिलेल्या मुद्द्यांच्या आधारे कृती सोडवा. (कोणतेही एक)** (४)

१. पुढील मुद्द्यांच्या आधारे मुलाखतीची पूर्वतयारी याविषयी माहिती लिहा.

मुलाखत म्हणजे ——— मुलाखतीचा पाया ———— मुलाखतीचे उद्द्दीष्टये ——— मुलाखतची स्वरुप.

२. पुढील मुद्द्यांच्या आधारे माहितीपत्रकाचे स्वरुप याविषयी माहिती लिहा.

माहितीपत्रक म्हणजे ——— जनमत आकर्षित करणारे माध्यम ——— ग्राहकाला होणारे फायदे ———— हेतू ———— वेगळेपण ———— वैशिष्टये.

## व्याकरण विभाग

**कृती – ५) सूचनेनुसार कृती करा.** (१०)

१. आजच्या जीवनात विलक्षण वेगवानता आढळते. (उद्गारार्थी वाक्य ओळखा) (१)

अ) आज्च्या जीवनात वेगवानता विलक्षण आढळते!
ब) किती विलक्षण वेगवानता आढळते आजच्या जीवनात!
क) किती विलक्षण वेगवानता आजच्या जीवनात आढळते!
ड) किती वेगवानता आजच्या जीवनात आढळते!

२. वाहन हे वेळ घालविण्यासाठी नसते. (होकारार्थी वाक्य करा) (१)

३. 'यथाप्रमाण' या शब्दातील समास ओळखा. (१)

अ) विभक्ती तत्पुरूष ब) अव्ययीभाव क) समाहार द्वंद्व

४. घरमालक' या शब्दातील समास ओळखा. (१)

अ) विभक्ती तत्पुरूष ब) कर्मधारय क) व्दिगू समास

५. झाले बहु, होतिल बहु, आहेतहि बहु; परंतु या सम हा।

या ओळीतिल अलंकार ओळखा. (१)

अ) अन्वय ब) अपन्हुती क) अतिशयोक्ती

६. तदितर खग भेणे वेगळाले पळाले

कठिण समय येता कोण कामास येतो ? (अलंकार ओळखा) (१)

अ) अनन्वय ब) अपन्हुती क) अर्थान्तरन्यास

७. समानार्थी शब्द लिहा (२)

अ) आनंद — ब) औचित्य —

८. विरूध्दार्थी शब्द लिहा (२)

अ) प्रगती — ब) सावली —

कृती — ६) पुढीलपैकी कोणत्याही एका विषयावर निबंधलेखन करा. (१०)

१. जा रे जा रे पावसा.

२. माझा आवडता नेता पुढारी.

३. इंटरनेट एक कल्पवृक्ष.

४. मी मुख्यमंत्री झालो तर.

५. एका डॉक्टरचे मनोगत.

**D.B.J. College, Chiplun**
**First Term Exam-2021**
**Std-XII (Arts/Sci)**
**Subject - English**

**Marks - 50** **Time - 2½ Hours**

## SECTION - 1

Important Instructions

1] All questions are compulsory. There may be internal option/s.
2] Answers are to be written in complete sentences. One word answer or incomplete answer will not be given credit.
3] Figures/ webs/diagrams/charts/tables etc. should be drawn and presented completely with proper answers written as instructed.
4] Use of colour pen/pencil is not allowed. Use only black or blue pen.

## SECTION - I PROSE

(Reading for comprehension, language study.)

Que-1-A Read the extract and complete the activities given below. **Marks** (12)

Soapy left his bench and strolled out of the square and across the level sea of asphalt, where Broadway and Fifth Avenue flow together. Up Broadway he turned, and stopped at a Luxurious cafe.

Soapy had confidence in himself from the lowest button of his vest upward. He was shaven, and his coat was trim and his neat, black bow had been presented to him by lady missionary on Thanksgiving Day. If only he could reach a table in the restaurant unsuspected, success would be his. The portion of him that would show above the table would raise no doubt in the waiter's mind. A roasted mallard duck, thought Soapy, would be about the thing with a bottle of wine and then some cheese, a cup of coffee and a cigar. One dollar for the cigar would be enough. The total would not be so high as to call forth any extreme of revenge from the cafe management; and yet the meat would leave him filled and happy for the journey to his winter island.

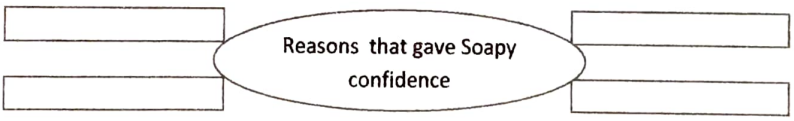
But as Soapy set foot inside the restaurant door, the head-waiter's eye fell upon his tattered trousers and decadent shoes. Strong and ready hands turned him about and conveyed him in silence and haste to the side-walk and averted the ignoble fate of the menaced mallard.

Soapy turned off Broadway. It seemed that his route to the coveted island was not to be an easy one. Some other way of entering the limbo must be devised.

A-1 Choose two statements that appropriately mention the theme of the extract. (2)

I The extract refers daily routine of Soapy.
II The extract throws light on the attempt of Soapy to go to Winter Island.
III The extract depicts the likings of Soapy about food items in restaurant.
IV The extract describes Soapy's plan to find in the trap of police.

A-2 Complete the following web about the reasons that gave Soapy confidence to enter the luxurious cafe. (2)




A-3 Soapy couldn't fulfill his desire to enjoy the meal in the café. Explain with reason. (2)

A-4 If your friend has a criminal background what advice will you give him (2)

A-5 Language study (2)

i) Soapy set foot inside the restaurant door.
( Choose the correct alternative to get the past perfect tense form of the given sentence.)
  i) Soapy has set foot inside the restaurant door.
  ii) Soapy is setting foot inside the restaurant door.
  iii) Soapy was setting foot inside the restaurant door.
  iv) Soapy had set foot inside the restaurant door.

ii) His route to the coveted island was not to be an easy one. (Choose the correct alternative to get affirmative form without changing the meaning of the sentence)
  i) His route to the coveted island was not difficult one.
  ii) His route to the coveted island was difficult one.
  iii) His route to the coveted island was easy one.

A-6 Vocabulary. (2)

Match the words in column 'A' with their meanings in column 'B'

| 'A' | 'B' |
|---|---|
| 1. Strolled | a) Old and worn out |
| 2. Decadent | b) Greatly desired |
| 3. Ignoble | c) walked in a leisured way |
| 4. Coveted | d) Dishonorable |

## SECTION - II Poetry
## (Poetry And Appreciation )

Q-2 (A) Read the extract and complete the activities given below. Marks

Afoot and light-hearted I take to the open road,
Healthy, free, the world before me,
The long brown path before me leading wherever I choose.

Henceforth I ask not good-fortune, I myself am good- fortune,
Henceforth I whimper no more, postpone no more, need nothing,
Done with indoor complaints, libraries, querulous criticisms,
Strong and content I travel the open road,

The earth, that is sufficient,
I do not want the constellations any nearer,
I know they are very well where they are,
I know they suffice for those who belong to them,

(Still here I carry my old delicious burdens,
I carry them, men and women, I carry them with me wherever I go,
I swear it is impossible for me to get rid of them,
I am fill'd with them, and I will fill them in return.)

A-1 Complete the following table with the adjectives used for them.

| Words | Adjectives |
|---|---|
| 1. Speaker | |
| 2. World | |
| 3. Road | |
| 4. Burden | |

A-2 The poet is a person who is free from all burdens. Discuss the concept of 'freedom' expressed in the poem

A-3 Give your views in 50 words about the following statement
" A man without liberty is a body without soul.

A-4 Name and explain two figures of speech used in following line.
" Hence forth I whimper no more postpone no more, need nothing."

A-5-A) Compose four poetic lines on the topic-
'The road that leads to my College."

B) Appreciation
Read the given extract and write the appreciation of the given poem based on given points.

Is anybody happier because you passed his way?
Does anyone remember that you spoke to him today
This day is almost over, and its toiling time is through;
Is there anyone to utter now a kindly word of you?

Did you give a cheerful greeting to the friend who came along?
Or a churlish sort of "Howdy" and them vanish in the throng?
Were you selfish pure and simple as you rushed along the way,
Or is someone mighty grateful for a deed you did today?

Can you say tonight, in parting with the day that's slipping fast,
That you helped a single brother of the many that you passed?
Is a single heart rejoicing over what you did so said;
Does a man whose hopes were fading now with courage look ahead?
Did you waste the day, or lose it: was it well or sorely spent?
Did you leave a trail of kindness or a scar of discontent?
As you close your eyes in slumber do you think that God would say,
You have earned one more tomorrow by the work you did today?

. About the poem, poet and the title .
. Form of the poem, theme and its significance.
. Poetic style, language features, poetic devices.
. Inspirational Values.
. Your opinion about poem.

## SECION –III
## (Writing Skills)

Q.-3 Complete the activities as per the instructions given below. Marks

A Attempt any one of the following

1) Drafting virtual Message.

Sunita had plans to study with Rohit. However, as her dog suddenly fell sick she had to rush to vet. As she did not have enough time to inform Rohit, she decided to write a message for him and stick it on her door. In the message she mentioned the reason for her absence and told him that she would schedule another study session next week.

Draft a message including the necessary details.

OR

2) Statement of purpose.

Read the information given below and prepare a suitable statement of purpose.

You are a student who wants to study a course in creative writing. Your life goal is to become a published author like Enid Blyton or Stephen king. One fine day you see a flier for a course titled-' Integrated Creative Writing Programme.' Realising that this is a chance to make your lifelong ambition true, you begin your application process for admission.

Write a statement of purpose seeking admission in this course by highlighting your skills- creative writhing, reading, exceptional knowledge of linguistics and grammar.

**OR**

3) Group discussion.

After a long break due to covid-19, schools and colleges are opened. Suppose your friends are discussing the matter on school/college opening and precautions to take against covid-19. Compose a group discussion in 8 to 10 sentences with the hints given below.

. School/college is opened after a long break.
. Everyone should keep social distancing.
. Students must keep sanitizer and masks.

B) Attempt any one of the following **Marks** (4)

1) Email Writing

You are a student of MSG Junior College, Malegaon, Nasik. Write an application to your principal asking him to sanction you medical leave for two weeks, Give Reasons, why you need the leave.

Write e-mail to: msgcollege@gmail.com

**OR**

2) Report Writing

Your class had gone on an excursion to a historical place. Write a report of this visit for your college magazine you can use the following points.

. Date and time of visit.
. Name of the place.
. Number of participants.
. Means of transport.
. Description of Monuments/places.
. Experience of the group.

**OR**

3) Interview question.

Imagine, you have to conduct an interview of a doctor who recently received "Corona Worrior Award'. With the help of given points, draft questions for an interview.

Name of the interviewee
Area of success
Date/Venue/Time
Duration of interview
Questions.
Questions should be based on

1) Decision.
2) Idols
3) Support
4) Education
5) Training
6) Success
7) Dream
8) Goals/destination.

C) Attempt 'Any One' from the given activities (4)

1. speech

Your college has arranged the speech completion on 'Be Ready For Competitive Exams.' As a class representative you are going to take part in speech competition. Prepare a short speech that you are going to deliver. Take the help of following hints.

. Importance of competitive exams.
. Preparation Techniques. .
. Future opportunities,
. Career.

**OR**

2) Imagine that you are a compare of 'Gandhi Jayanti Programme' that your college is going to celebrate. Prepare a script for the same with the help of following points.
   . Introduction
   . Welcome song.
   . Offering homage to Mahatma Gandhi.
   . Introduction and felicitation of Chief guest
   . Main event
   . Vote of thanks.

**OR**

3) Expantion of Idea.
   Expand the given idea with the help of points given below.
   'Pen is Mighter Than Sward'
   . Importance of writing
   . Power of words.
   . Social awareness.
   . Writer's role in bringing about a change.

D) Attempt 'Any One' from the given activities.

1) Film Review.
   Write a review of a film that you have recently watched. Write your review based on given points.
   . Name of the characters.
   . About the story/theme of the film.
   . Why do you like or not like the film
   . Special features/novelties/novel ideas.
   . Music/dance/songs/action/direction.
   . Would you recommend your friends to enjoy it.

**OR**

2) Blog Writing
   Write a blog in a proper format on the topic 'Trees-Our Best Friends' Write your answer in about 150 words.

**OR**

3) Appeal Writing.
   Sharda Social Club, Kolhapur, arranged a drive for five days-' Save Water- Save Earth' prepare an attractive and persuasive appeal. With the help of following points.
   . Use attractive slogan.
   . Need
   . Famous personality.
   . Date, venue, time.
   . Contact information.
   . Use picture/decorative frame.

## SECTION-IV
## (LITERARY GENRE-Novel)

Q-4 A) Complete the activities given below as per the instructions

I) Fill in the blanks with suitable option given in a bracket and rewrite the sentences.
   1. _____ Century has gifted English Literature two new forms named. ' The periodical Essays' and 'Novel'
      ( $16^{th}$, $17^{th}$ , $18^{th}$,$19^{th}$ )
   2. The Novel is literary genre has a history of about_____.
      ( Five hundred years, One thousand years, One thousand five hundred years, Two thousand years)
   3. After 1740 in _____ novel originated as literary form.
      (England, France, Rome, India)
   4. A Novella, is type of prose fiction, which is a shorter than a full length_____ and longer than short story.
      ( Play, poem, novel, detective story)

II) Add a word to the sentence as an answer and rewrite
   i) Setting includes place, period, time, climate or weather and _____.
   ii) The German word' bildungsroman' indicate_____.
   iii) The realistic novel is also called a novel of _____.
   iv) Science fiction is a genre of speculative fiction flourished in the second half of the_____.

B) Write the answers of the following questions in about 50 words
   I) Write a short note on the 'Theme' of the novel/extract " To Sir With Love"
   II) Write a short characters ketch of Ricky Braithwaite, narrator of the novel. 'To Sir With Love".

# डी. बी. जे. कालेज, चिपळूण
## प्रथम सत्र परीक्षा २०२१
## कक्षा बारहावी (विज्ञान / वाणिज्य)
## विषय :- हिंदी

समय - २ ½ घंटे

कुल अंक - ५०

प्रश्न-१ (अ) निम्नलिखित गदय परिच्छेद पढकर उसपर पूछे गए प्रश्नों के उत्तर लिखिए । (०६)

प्रभात का समय था, आसमान से बरसती हुई प्रकाश की किरणें संसार पर नवीन जीवन की वर्षा कर रही थीं। बारह घंटों के लगातार संग्राम के बाद प्रकाश ने अँधेरे पर विजय पाई थी। इस खुशी में फूल झूम रहे थे, पक्षी मीठे गीत गा रहे थे, पेड़ों की शाखाएँ खेलती थीं और पत्ते तालियाँ बजाते थे। चारों तरफ खुशियाँ झूमती थीं। चारों तरफ गीत गूंजते थे। इतने में साधुओं की एक मंडली शहर के अंदर दाखिल हुई। उनका खयाल था- मन बड़ा चंचल है। अगर इसे काम न हो, तो इधर-उधर भटकने लगता है और अपने स्वामी को विनाश की खाई में गिराकर नष्ट कर डालता है। इसे भक्ति की जंजीरों से जकड़ देना चाहिए। साधु गाते थे -

सुमर--सुमर भगवान को,
मूरख मत खाली छोड़ इस मन को।

जब संसार को त्याग चुके थे, उन्हें सुर-ताल की क्या परवाह थी। कोई ऊँचे स्वर में गाता था, कोई मुँह में गुनगुनाता था। और लोग क्या कहते हैं, इन्हें इसकी जरा भी चिंता न थी। ये अपने राग में मगन थे कि सिपाहियों ने

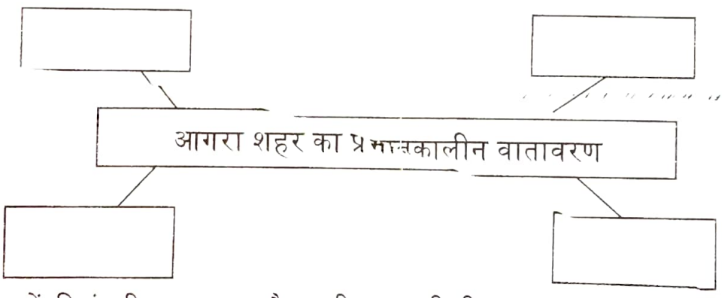
आकर घेर लिया और हथकड़ियाँ लगाकर अकबर बादशाह के दरबार को ले चले।

यह वह समय था जब भारत में अकबर की तूती बोलती थी और उसके मशहूर रागी तानसेन ने यह कानून बनवा दिया था कि जो आदमी रागविद्या में उसकी बराबरी न कर सके, वह आगरे की सीमा में गीत न गाए और जो गाए, उसे मौत की सजा दी जाए। बेचारे बनवासी साधुओं को पता नहीं था परंतु अज्ञान भी अपराध है। मुकदमा दरबार में पेश हुआ। तानसेन ने रागविद्या के कुछ प्रश्न किए। साधु उत्तर में मुँह ताकने लगे। अकबर के होंठ हिले और सभी साधु तानसेन की दया पर छोड़ दिए गए।

दया निर्बल थी, वह इतना भार सहन न कर सकी। मृत्युदंड की आज्ञा हुई। केवल एक दस वर्ष का बच्चा छोड़ा गया - बच्चा है, इसका दोष नहीं। यदि है भी तो क्षमा के योग्य है।

बच्चा रोता हुआ आगरे के बाजारों से निकला और जंगल में जाकर अपनी कुटिया में रोने-तड़पने लगा। वह बार-बार पुकारता था - "बाबा ! तू कहाँ है? अब कौन

ति -१-१) संजाल पूर्ण किजिए : (२)




२) साधुओं की मंडली आगरा शहर मै यह गीत गा रही थी (२)

i)

ii)

३) तानसेन द्वारा बनवाया गया कानून - (२)

i)

ii)

प्रश्न-२ (आ) निम्नलिखित गदय परिच्छेद पढकर उसपर पूछे गए प्रश्नों के उत्तर लिखिए । (०६)

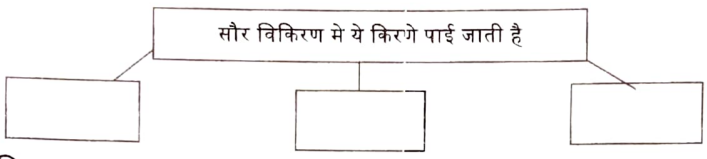
वर्तमान युग विज्ञान और प्रौद्योगिकी का युग है। दुनिया में भौतिक विकास हासिल कर लेने की होड़ मची है। विकास की इस दौड़ में जाने-अनजाने हमने अनेक विसंगतियों को जन्म दिया है। प्रदूषण उनमें से एक अहम समस्या है। हमारे भूमंडल में हवा और पानी बुरी तरह प्रदुषित हुए हैं। यहाँ तक कि मिट्टी भी आज प्रदषण से अछूती नहीं रही। इस प्रदूषण की चपेट से शायद ही कोई चीज बची हो। साँस लेने के लिए स्वच्छ हवा मिलना मुश्किल हो रहा है। जीने के लिए साफ पानी कम लोगों को ही नसीब हो रहा है। पर्यावरणविदों का कहना है कि अगले पच्चीस सालों में दुनिया को पेयजल के घनघोर संकट का सामना करना पड़ सकता है। आज शायद ही कोई जलस्रोत प्रदूषण

से अप्रभावित बचा हो। कुछ लोगों का कहना है कि अगला विश्वयुद्ध राजनीतिक, सामरिक या आर्थिक हितों के चलते नहीं, वरन् पानी के लिए होगा। यह तस्वीर निःसंदेह भयावह है लेकिन इसे किसी भी तरह से अतिरंजित नहीं कहा जाना चाहिए। परिस्थितियाँ जिस तरह से बदल रही हैं और धरती पर संसाधनों के दोहन के चलते जिस तरह से जबर्दस्त दबाव पड़ रहा है तथा समूची परिस्थिति का तंत्र जिस तरह चरमरा गया है, उसके चलते कुछ भी संभव इ मची हो सकता है।

फिलहाल यहाँ हम पर्यावरणीय प्रदूषण के सिर्फ एक अहम पहलू की चर्चा कर रहे हैं और वह है ओजोन विघटन का ो तरह संकट। पिछले कई वर्षों से पूरी दुनिया में इसकी चर्चा हो षण से रही है तथा इसे लेकर खासी चिंता व्यक्त की जा रही है। कोई आखिर यहाँ सवाल समूची मानव सभ्यता के अस्तित्व का मेलना है। प्रश्न उठता है कि यह ओजोन है क्या ? यह कहाँ स्थित गों को है और उसकी उपयोगिता क्या है? इसका विघटन क्यों और अगले कैसे हो रहा है? ओजोन विघटन के खतरे क्या-क्या हैं? ट का और यदि ये खतरे एक हकीकत हैं तो इस दिशा में हम नस्रोत कितने गंभीर हैं और इससे निपटने के लिए क्या कुछ है कि एहतियाती कदम उठा रहे हैं?

ओजोन एक गैस है जो ऑक्सीजन के तीन परमाणुओं स्वीर से मिलकर बनी होती है। यह गैस नीले रंग की होती है और जित प्रकृति में तीक्ष्ण और विषैली होती है। यह मानव स्वास्थ्य बदल के लिए हानिकारक होती है और श्वसन नलिका में जाने पर तरह जलन पैदा करती है लेकिन वायुमंडल में मौजूद यही गैस तंत्र हमारी रक्षा भी करती है। यह वह ओजोन गैस है जिसकी

कृति -१-१) संजाल पूर्ण किजिए : (२)




कृति- २ लिखिए : (२)

ओजोन गैस कि विशेषताए

i)

ii)

कृति- ३ निम्नलिखित शब्द के लिए परिच्छेद मे प्रयुक्त शब्द ढुंढकर लखिए । (२)

१) भयानक - २) महत्वपूर्ण -

३) अप्रभावित - ४) संपूर्ण -

प्रश्न-२ (अ) निम्नलिखित पदयांश पढकर उसपर पूछे गए प्रश्नों के उत्तर लिखिए । (०६)

इसमें लाशें भी मिला करती हैं, तुम जरा देख-भाल तो लेते,
इसको माँ कह के पूजनेवालो, इस नदी को गाल तो लेते।
जब भी पानी सिर से [illegible]
तब वह सीने में नई आग ही लगाएगा।
आँखों में बहुत बाढ़ है, शेष सब कुशल।
जीवन नहीं अषाढ़ है, फिर शेष सब कुशल।
सड़क ने जब मेरे पैरों की उँगलियाँ देखीं;
कड़कती धूप में सीने पे बिजलियाँ देखीं।
साँस हमारी हमें पराये धन-सी लगती है,
साहुकार के घर गिरवी कंगन-सी लगती है।
किसी का सर खुला है तो किसी के पाँव बाहर हैं,
[illegible] से तू अपनी चादरों को बुन मेरे मालिक।
वह जो [illegible] मरा है, वह निरक्षर था मगर,
अपने भीतर वह [illegible], इक किताब लिखाता था।

२)

कृति -१-१) लिखिए : (२)

नदी के प्रति उत्तरदायित्व -

२) परिणाम लिखिए :

पानी सर से गुजर जाएगा तो - (२)

कृति- २ निम्नलिखित शब्दो का वचन बदलकर लिखिए :-

१) किताब - २) नदी -

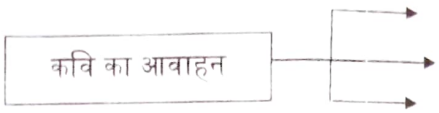
३) आंखों - ४) उंगालिया - (२)

कृति- ३ आकाश के तारे तोड लाना 'मुहवारे को ४० से ५० शब्दो मे

३ (अ) निम्नलिखित गद्यांश ध्यान से पढ़कर नीचे दिए गए प्रश्नों के उत्तर लिखिए । (०६)

प्रीति की राह पर चले आओ, नीति की राह पर चले आओ।
वह तुम्हारी ही नहीं, सबकी है, गीति की राह पर चले आओ।
साथ निकलेंगे आज नर-नारी, लेंगे काँटों का ताज नर-नारी।
दोनों संगी हैं और सहचर हैं, अब रचेंगे समाज नर-नारी ।
वर्तमान बोला, अतीत अच्छा था, प्राण के पथ का मीत अच्छा था ।
गीत मेरा भविष्य गाएगा, यों अतीत का भी गीत अच्छा था ।

१) आकृती पूर्ण कीजिए : (२)




२) उत्तर लिखिए : (२)

१) आज नर - नारी

१) इस तरह निकलेंगे

२) यह लेंगे

३) दोनो की विशेषताए

४) दोनो रचना करेंगे

३) दों ऐसे प्रश्न बनाकर लिखिए जिनके उत्तर निम्नलिखित शब्द हों : (२)

१) समाज की २) भविष्य

४ (अ) निम्नलिखित गदयांश पढकर उसपर पूछे गए प्रश्नों के उत्तर लिखिए । (०६)

"स्नेहा, बहुत-बहुत बधाई ! आज तुमने फीचर लेखन में शीर्ष स्थान पा लिया है।" स्नेहा की बात काटकर संपादक ने बधाई दी । सभी ने एक स्वर में कहा, "बधाई हो।" इन शब्दों को सुनते ही स्नेहा दस वर्ष पूर्व की दुनिया में चली गई । पत्रकारिता कोर्स के बीतते दिन-महीने... फीचर लेखन के संबंध में सुने हुए लेक्चर्स... प्रोफेसरों से की गई चर्चाएँ... अध्ययन, परीक्षा... फीचर लेखन का प्रारंभ... फीचर लेखन की सिद्धहस्त लेखिका बनना ही उसका एकमात्र सपना था।

उसकी यादों में वह दिन तैर गया... जब उसे पत्रकारिता कोर्स में फीचर लेखन पर व्याख्यान देने के लिए बुलाया गया था । हॉल विद्यार्थियों से खचाखच भरा हुआ था। आज उसे अपने परिश्रम सार्थक होते नजर आ रहे थे। फीचर लेखन पर स्नेहा ने बोलना प्रारंभ किया । रोचक प्रसंगों के साथ स्नेहा विद्यार्थियों को फीचर लेखन की विशेषताएँ बताने लगी, "अच्छा फीचर नवीनतम जानकारी से परिपूर्ण होता है । किसी घटना की सत्यता अथवा तथ्यता फीचर का मुख्य तत्त्व है । फीचर लेखन में राष्ट्रीय स्तर के तथा अन्य महत्त्वपूर्ण विषयों का समावेश होना चाहिए क्योंकि समाचारपत्र दूर-दूर तक जाते हैं । इतना ही नहीं; फीचर का विषय समसामयिक होना चाहिए ।

१) उत्तर लिखिए (२)

फीचर लेखन की विशेषताए

i)
ii)
iii)
iv)

२) - i) गदयांश मे प्रयुक्त दो शब्द - युग्म ढुंढकर लिखिए : (१)

१) _____ २) _____ _____

ii) गदयांश से अनेक शब्दो के लिए एक शब्द ढुंढकर लिखिए : (१)

१) जिसका हाथ मजा हुआ हों

२) सफलता पर कीया जानेवाला हर्ष प्रकाश

३) सफलता मिलनेवाली बाधाइयो का प्रभाव विषय पर ५० शब्दो मे अपने विचार लिखिए : (२)

५-४ (अ) निम्नलिखित कोष्टक की सूचना के अनुसार काल परिवर्तन कीजिए| (कोई दों) (०२)

१) इसकी भी मौत आ गई। (पूर्ण वर्तमानकाल)

२) कौन मुझे काहनिया सुनाता है। (सामान्य भविष्यकाल)

३) सास लेने के लिए स्वच्छ हवा मिलना मुश्किल होता है (पूर्ण भूतकाल)

(आ) निम्नलिखित पंक्तीयोमे अलंकारोंके नाम पहचानकर लिखिए (२)

१) उधौ मेरा हृदयतल या एक उद्यान - न्यारा।
शोभा देती अमित उसमें कल्पना - क्यारियो भी।

२) जाना पडता है नेत्र देख बडे बडे।
हरिकों में गोल नलिम है जड़े।

३) मोती की लाडियो से सुंदर झरते है झाग भरे निर्झर ।

इ) निम्नलिखित पंक्तीयान मे से रस इसे पाहचनकर लिखिए । (कोई दो) (२)

१) सुडुक, सुडुक, घाव से पिल्लू (मवाद) निकाल रहा है।
नासिका से श्वेत पदार्थ निकाल रहा है ।

२) माला फेरत जग भया, गया न मन का फेर ।
कर का मनका डारी कै, मन का मनका फेर ।

३) कहत, नटत, रिझत, मिलत, खिलत, लजियात ।
भरे भौन मे करत है, नैननु ही सौ बात

ई) निम्नलिखित मौहावरों का अर्थ लिखकर वाक्य मे प्रयोग किजिए । (कोई दो) (२)

१) आंखे बिछाना । २) मुटठी गर्म करना । ३) उल्टी गंगा बहना । ४) चांदी काटना ।

(उ) निम्नलिखित वाक्यों को शुद्ध करके फिरसे लिखिए । (कोई दो) (२)

१) साथ की मार्ग सरल है ।

२) वह स्वरग का अमरीत है ।

३) वर्तमान युग विग्यान और प्रद्योगिकि का युग है ।

प्रश्न-४ (अ) निम्नलिखित मे से किन्ही चार पारिभाषिक शब्दो के हिन्दी शब्द लिखिए । (४)

1) Judge
2) Bond
3) Bye - law
4) Pay Order
5) Record
6) Speed
7) Optic Fibre
8) Auxiliary Memory

(अ) निम्नलिखित किसी एक प्रश्न का उत्तर १०० से १२० शब्दो मे लिखिए । (६)

१) 'कनूप्रिया' काव्य का रसस्वादन किजिए ।

२) कवि ने राधा के माध्यम से आधुनिक मानव की
व्यथा को शब्दबद्ध किया है; इस कथन को स्पष्ट किजिए ।

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# D.B.J.COLLEGE Chiplun
# Terminal Examination 2021

ss: XII Science  sub: Physics  Marks:50  Time:- 2½ Hrs.

e:1) The question paper is divided into four sections.
(i) section A: Q. No. 1 contains 7 multiple choice questions carrying 1 mark each
Q. No. 2 contains 7 very short answer type of questions carrying 1 mark each
(ii) Section B: Q. No. 3 to 13 contain short answer type questions carrying 2 marks each
(iii) Section C: Q. No. 14 to 19 contains short answer type questions carrying 3 marks each
(iv) Section D: Q. No 20 to 23 contains long answer type questions carrying 4 marks each.
(2) Use of log table is allowed. Use of calculator is not allowed
(3) Figure to right indicates full marks.

## SECTION A

7

**Select and write the correct answer:**

(i) The SI unit and dimensions of Reynolds number respectively are
(A) Poise, $[L^0M^0T^0]$
(B) Ns/$m^2$, $[L^1M^1T^1]$
(C) no unit, $[L^0M^0T^0]$
(D) no unit, $[L^1M^1T^1]$

(ii) The K.E. of body is 3 J and its M.I. is 6 kg $m^2$. Then its angular momentum will be:
(A) 3 kg $m^2/s$
(B) 4 kg $m^2/s$
(C) 5 kg $m^2/s$
(D) 6 kg$m^2/s$

(iii) The electric intensity due to charged sphere at a point outside the sphere increases with increases in:
(A) dielectric constant
(B) distance from the centre of sphere
(C) charge on sphere
(D) square of distance from the centre of sphere

(iv) A gas that satisfies all assumptions of kinetic theory of gas is
(A) inert gas
(B) real gas
(C) ideal gas
(D) rare gas

(v) Wave reflected from unbounded medium has phase difference of
(A) $0^C$
(B) $\pi^C$
(C) $\pi/2^C$
(D) $2\pi^C$

(vi) Limit of resolving power of an optical instrument is characterised by
(A) diffraction
(B) polarization
(C) reflection
(D) interference

(vii) A current loop of area 0.01 $m^2$ and carries a current of 10 A is held perpendicular to a magnetic field of induction of 0.1 T, the torque (in Nm) acting on the loop is
(A) 0
(B) 0.001
(C) 0.01
(D) 1.1

Q.2 **Answer the following**

(i) In relation $I = MK^2$, K stands for what?

(ii) A beaker of radius 10 cm is filled with a water. Calculate the force of surface tension on any diametrical line on its surface. Surface tension of water is 0.075 N/m.

(iii) What is internal resistance of the cell?

(iv) Define wavefront

(v) What are beats?

(vi) Compare the ratio of mean square speeds of molecules of a gas at 30 K and 120 K.

(vii) What is transformation ratio?

## SECTION B

**Attempt any 8 of the following**

Q.3 Derive an expression for effective capacitance of three capacitors connected in parallel.

Q.4 A drop of water of radius 6 mm breaks into number of droplets each of radius 1 mm. How many droplets will be formed?

Q.5 Why are curved roads banked?

Q.6 What are the disadvantages of a potentiometer?

Q.7 A metal sphere of radius 20 cm is charged with 12.57 μC situated in air. Find the surface charge density.

Q.8 A horizontal wire 20 m long extending from east to west is falling with a velocity of 10 m/s normal to the earth's magnetic field of $0.5 \times 10^{-4}$ T, what is the value of induced emf in the wire?

Q.9 State Stefan-Boltzmann law.

Q.10 A stretched sonometer wire is in unison with a tuning fork, when its length is increased by 4 %, the number of beats heard per second are 6, find the frequency of beats.

Q.11 What are Fraunhofer and Fresnel type of diffraction.

Q.12 State Biot-savart law.

Q.13 If the critical angle of a medium is $\sin^{-1}(3/5)$, find the polarising angle.

## SECTION C

12

**Attempt any 4 of the following**

Two batteries of 7 volt and 13 volt and internal resistances 1 ohm and 2 ohm respectively are connected in parallel with a resistance of 12 ohm. Find the current through each branch of the circuit.

Obtain an expression for the capacitance of a parallel plate capacitor without a dielectric.

Two sound waves have wavelengths 85/170 m and 85/172 m in air, each wave produces 4 beats/second with a third note , find the frequency of third note and velocity of sound in air.

The emissive power of a sphere of area 0.02 $m^2$ is 0.5 Kcal $S^{-1}m^{-2}$. What is the amount of heat radiated by the spherical surface in 20 second?

What is meant by limit of resolution? Explain the resolving power of microscope.

Derive an expression for magnetic induction along the axis of a long straight solenoid on the basis of Ampere's law.

## SECTION D

8

**Attempt any 2 of the following**

State the conditions under which the theorems of parallel axes and perpendicular axes are applicable. State the respective mathematical expression.

A ballet dancer rotates about a vertical axis at the rate of 240 r.p.m. with arms out stretched. When he folds his hands near his body, the M.I. decreases by 50 % of its initial value. Calculate new frequency of rotation.

Define angle of contact. State the characteristics of angle of contact.

Calculate the rise of water inside a clean glass capillary tube of radius 0.1 mm, when immersed in water of surface tension 7 x $10^{-2}$ N/m. The angle of contact between water and glass is zero, density of water = 1000 $kg/m^3$, g = 9.8 $m/s^2$

Derive an expression for energy stored in a magnetic field.

A search coil having 2000 turns with area 1.5$cm^2$ is placed in a magnetic field of 0.60 T. The coil is moved rapidly out of the field in a time of 0.2 second, calculate the induced emf across the search coil.

Derive an expression for the pressure exerted by a gas on the basis is kinetic theory of gas.

# D.B.J. College, Chiplun

## Terminal Examination –2021-22

**Class - XII Science** **Subject - Chemistry** **Time – 2 ½ hrs.** **Marks - 50**

**General Instruction:** The question paper is divided into four sections.

**(1) Section A: Q. No. 1** contains seven multiple choice type of questions carrying **One mark** each.
**Q. No. 2** contains seven very short answer type of questions carrying **One** mark each.

**(2) Section B:** Q. No. 3 to Q. No. 13 contains eleven short answer type of questions carrying Two marks each.

**(3) Section C:** Q.No.14 to Q.No.19 contains six short answer type of questions carrying **Three** marks each.

**(4) Section D:** Q .No. 20 to Q. No. 23 contain four long answer type of questions carrying **Four** marks each.

**(5)** Use of log table is allowed. Use of calculator is **not** allowed.

**(6)** Figures to the right indicate full marks

**(7)** For each **MCQ,** correct answer must be written along with its alphabet.
**e.g. (a)……/(b)……/(c)……/(d)……**

**(8) Physical constants -R =8.314 J/K.mol , 1Cal =4.184 J , 1A=$10^{-8}$ cm, $N_A$=6.022×$10^{23}$**
**(H=1 , O=16 ,N=14 ,C=12 ,Na=23 ,S=32 ,Cl=35.5 )**

## Section – A

**Select and write the correct answer:** **[07]**

i. When an aldehyde is warmed with Zn.Hg& conc. HCl it gives …….
a) Alcohol b) Ketone c) Carboxylic acid d) Hydrocarbon

ii The coordination number of atoms in bcc crystal lattice is …….
a) 2 b) 6 c) 4 d) 8

iii Molecular formula of Urotropine is …….
a) $C_6H_{12}N_4$ b) $C_6H_{24}N_4$ c) $C_6H_{24}N_4O_2$ d) $C_6H_{12}N_4O_2$

iv The solubility product of sparingly soluble salt AX is $5.2\times10^{-13}$.It's solubility in mol/$dm^3$ is …….
a) $7.2\times10^{-7}$ b) $7.2\times10^{-8}$ c) $1.35\times10^{-4}$ d) $13.5\times10^{-8}$

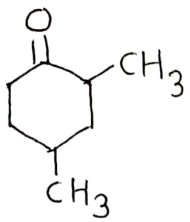
v The –C—O—C- bond angle in ethers is ……..
a) $120^0$ b)$180^0$ c) $110^0$ d) $90^0$

vi …….of the following is most reactive towards nucleophilic substitution reaction.
a) $H_2C$=CH—Cl b)$H_3C$—CH=CH--Cl
c)$C_6H_5Cl$ d) Cl—$CH_2$—CH=$CH_2$

Vii Gibb's free energy change at equilibrium is ……..
a) $\Delta G = 0$ b)$\Delta G < 0$ c) $\Delta G > 0$ d) $\Delta G \leq 0$

**Q.No.2** **Answer the following:** **[07]**

i Write IUPAC name of compound -




ii Define enthalpy of sublimation.

iii How many secondary alcoholic-OH groups present in D(+) Glucose?

iv What are ferromagnetic substances?

v Write balanced chemical equation for conversion of benzaldehyde to benzene.

vi State kohlrausch's law.

vii Draw the structure of pyrogallol.

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## Section – B

**Attempt any Eight:** [16]

**Q.No.3** Distinguish between crystalline solid and amorphous solid.

**Q.No.4** How will you prepare α-hydroxy phenyl acetic acid from benzaldehyde?

**Q.No.5** Explain the path dependence nature of work.

**Q.No.6** Write a note on Wurtz-Fittig reaction.

**Q.No.7** What will happens when

a) Propan-2-one reacts with magnesium metal.

b) 3- phenyl prop-1-ene reacts with hydrobromic acid.

**Q.No.8** The standard electrode potential of $Zn^{+2} \mid Zn_{(s)}$ is -0.76V. Calculate it's potential. (0.02M)

**Q.No.9** The pH of monoacidic weak base is 11.2 .Calculate the degree of dissociation in 0.02M solution.

**Q.No.10** Calculate the number of atoms in fcc unit cell.

**Q.No.11** Explain the optical activity of 2-chlorobutane .

**Q.No.12** Explain the nature of aqueous solution of sodium acetate.

**Q.No.13** What is peptide linkage ?

## Section – C

**Attempt any Four:** [12]

**Q.No.14** Convert the following :

a) Aniline to carbolic acid

b) Ethanal to ethanoic acid

c) Benzaldehyde to benzophenone

**Q.No.15** The density of silver having atomic mass is 107.8 g/mol is 10.8 $g/cm^3$.If the edge length of unit cell is $4.05 \times 10^{-6}$ cm. Find the number of atoms in unit cell.

**Q.No.16** Write the mechanism of $SN^1$ reaction.

**Q.No.17** Draw the structure and write names of pyrimidine bases present in nucleic acid.

**Q.No.18** Explain why aryl halides are less reactive than alkyl halides.
Define cell constant.

**Q.No.19** Classify the following carbohydrates into monosaccharides ,disaccharides ,polysaccharides.
a) starch b) Glucose c) Sucrose d) Maltose e) Cellulose f) Ribose

## Section – D

**Attempt any Two:** [08]

**Q.No.20** i) Calculate standard enthalpy of the reaction.

$$2C_2H_{6\,(g)} + 7\,O_{2(g)} \rightarrow 4\,CO_{2(g)} + 6H_2O_{(l)}$$

Standard enthalpy of formation of carbon dioxide, water And ethane are -393.5, -285.8, -84.9 KJ/mol respectively.

ii) Write any four uses of carbolic acid.

**Q.No.21** i) Write the cell reactions involved in Lead storage cell.

i) How is 2-methyl propan-2-ol prepared from suitable Grignard reagent?

ii) State and explain Frankel defect rule.

**Q.No.22** i) What is the action of bromine in acetic acid on Anisole.

ii) Write any four applications of buffer solution.

**Q.No.23** i) A gas expands from 6 $dm^3$ to 20 $dm^3$ at constant pressure of 2.5 atm. If the system is supplied with 5000J of heat. Calculate change in internal energy and work.

ii) How is ethylene glycol formed from acetone?

# D.B.J. College, Chiplun

## H.S.C. Terminal Examination Dec - 2021

Marks – 50 **Subject - Biology** Time- $2\frac{1}{2}$ Hours

### SECTION - A

**Attempt the following - ( Question No. 01 to 02)** 14

**Q.1** **Select and write the correct answer from the following MCQs.** 7

i The byproduct produced by curdling milk with the help of Streptococcus thermophilus and Lactobacillus bulgaricus is -----
a. Curd b. Butter milk
c. Yoghurt d. Cheese

ii- Which cross is made to identify the unknown genotype of F1 hybrid?
a. Back cross b. Test cross
c. Monohybrid cross d. Dihybrid cross

iii- Pollination takes place with the help of Birds is known as -------
a. Chiropteryphily. b. Ornithophily
c. Anemophily d. Cleistogamy

iv The site of fertilization in human female is-------
a. Vagina b. Uterus
c. Ampulla d. Isthmus

v Tubectomy is the method of sterilization, in which------
a. Fallopian tube is cut and tied. b. Vas deference is cut and tied
c. Ovaries are surgically removed d. Testis are surgically removed.

vi Inheritance of ABO blood grouping is the example of -------
a. Dominance b. Co-dominance
c. Incomplete dominance d. Dominance & Co-dominance

vii **Phenylketonuria** is caused due to -------
a. Dominant X-linked gene b. Recessive X-linked gene
c. Dominant autosomal gene d. Recessive autosomal gene

**Q.2** **Answer the following questions in one sentence.** 7

i- What do you know about scutellum?
ii- The contraceptive pills like **'Saheli '** contain estrogen and progesterone which prevent ---------- and thus fertilization cannot occur.
iii- Give the name for small pores in woody stem through which exchange of gases takes place.
iv- Give the role of mycorrhizae as biofertizer.
v- What are dizotrophs?
vi- "A farmer is advised to take wheat crop of variety **Atlas 66**," comment on this statement.
vii Define Biofortification.

### SECTION - B

**Attempt any *EIGHT* of the following - ( Question No. 03 to 13)** 16

**Q.3** Give the floral adaptations of anemophilous flowers.

**Q.4** What is Parthenocarpy? Name the hormone which induce Parthenocarpy in grapes.

**Q.5** Explain any two mechanical barrier methods for birth control.

**Q.6** Write a note on Down's syndrome.

**Q.7** Give the difference between incomplete dominance and Co-dominance.

**Q.8** Fill in the blanks-
i- Root hair are the extension of ---------- cells in the zone of absorption.
ii- Fine soil particles imbibe water and hold it, this water is known as --------- water.

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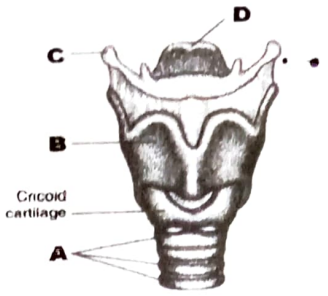
**Q.9** Fill in the blanks ---

Terrestrial plants absorb water in the form of ------- from soil where as epiphytic plants like Orchids absorb water vapors from air with the help of special tissue known as ------ ------.

**Q.10** Sketch and label tubular tower fermenter

**Q.11** Identify the labels A to D from given diagram---




**Q.12** Match the following from Column-I and Colum.. ..

| | Column-I | | Column-II |
|---|---|---|---|
| a | Insects like Cockroach | 1 | External gills |
| b | Amphibians | 2 | Internal gills |
| c | Fish | 3 | Lungs |
| d | Mammals | 4 | Tracheal tubes. |

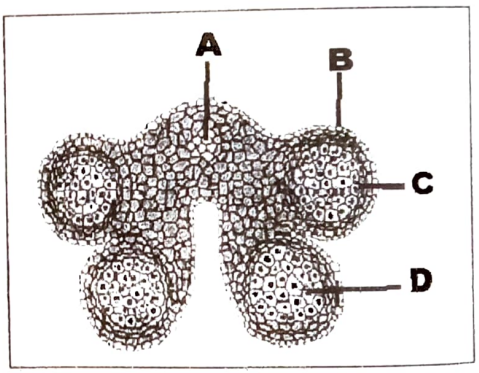
**Q.13** Match the following from Column – I and Column-II

| | Column-I | | Column-II |
|---|---|---|---|
| A | Acetic acid | 1 | Pseudomonas denitrificans |
| B | Citric acid | 2 | Neurospora gossypii |
| C | Vitamin- $B_{12}$ | 3 | Acetobacter aceti |
| d | Vitamin $-B_2$ | 4 | Aspergillus niger |

## SECTION - C

**Attempt any FOUR of the following - ( Question No. 14 to 19)** 12

**Q.14** i-Name the labels A to D from given diagram.
ii-Why dithecous anthers are known as tetrasporangiate?




**Q.15** Explain the phases of spermatogenesis.

**Q.16** What is reproductive health? Enlist the goals of RCH programme.

**Q.17** Define the terms i- Gravitational water
ii- Combined water
iii- Capillary water

**Q.18** Explain the phases of breathing ie inspiration and expiration.

**Q.19** i- With suitable chart explain sex determination in Human being.
ii- " Father is responsible for determination of sex of child and not the mother." Comment.

## SECTION - D

**Attempt any TWO of the following - ( Question No. 20 to 23)** 08

**Q.20** Describe process of double fertilization. Give significance of the same.

**Q.21** With the help of suitable chart of inheritance describe Dihybrid cross. Give the dihybrid phenotypic and genotypic ratios.

**Q.22** Explain Griffith experiment to study principle of transformation

**Q.23** Give brief account of various phases of Menstrual cycle.

# D. B. J. College, Chiplun

**Terminal Examination 2021-22** **Time: 2 ½ hrs**

**Std. XII Com.** **Sub:- Mathematics** **Max. Marks: 50**

**Note:-** 1)All questions are compulsory.

2) Figures to the right indicate full marks.

3) Use of logarithmic table is allowed. Use of calculator is not allowed.

4) For L. P. P. graph paper is not necessary. Only rough sketch of graph is expected.

5) Start answer to each question on a new page.

**Q. 1) A) Select and write the most appropriate answer from the given alternatives** **04**

1) The statement (~P ^q) V~ q is equivalent to……

a) Pvq b) P ^q c)~ (pvq) d) (~P ^q)

2) If A is a 2x2 matrix such that A (adjA)=$\begin{bmatrix} 5 & 0 \\ 0 & 5 \end{bmatrix}$ then |A|= …….

a) 0 b) 5 c) 10 d) =25

3) If y= log $\left[\frac{e^x}{x^2}\right]$ then $\frac{dy}{dx}$ =…….

a) $\frac{2-x}{x}$ b) $\frac{x-2}{x}$ c) $\frac{e-x}{ex}$ d) $\frac{x-e}{ex}$

4) The equation of tangent to the curve $y=x^2+4x+1$ at (-1,-2) is

a) 2x-y=0 b) 2x+y-5=0 c) 2x-y-1=0 d) x+y-1=0

**Q.1) B) State whether the following statement are true or false.** **03**

1) There are 24 months in year is a statement

2) Every scalar matrix is unit matrix.

3) The derivative of $x^m\ y^n=(x+y)^{m+n}$ is $\frac{x}{y}$

**Q.1) C) Fill in the following blanks:** **03**

1) If y=x log x then $\frac{d^2y}{dx^2}$ =……

2) The statement q→p is called as the ….. of the statement p→q

3) The slope of tangent at any point (a,b) is called as……

**Q.2) A) Attempt any ONE of the following** **03**

1) Examine whether the following statement pattern is a tautology or a contradiction or a contigency.
(P ^ ~ q) →(~P ^ ~ q)

2) If $e^x + e^y = e^{x+y}$, then show that $\frac{dy}{dx} = -e^{(y-x)}$

**B) Attempt any ONE of the following**

1) Find K, If $A = \begin{bmatrix} 3 & -2 \\ 4 & -2 \end{bmatrix}$ and $A^2 = KA - 2I$

2) $y = \log(4x^2 + 3x - 1)$ find $\frac{dy}{dx}$

**Q.3) A) Attempt any TWO of the following**

1) Write the converse, inverse and contra positive of the following statement: "If he studies, then he will go to college"

2) Find $\frac{d^2y}{dx^2}$, if $y = 2at$, $x = at^2$

3) Solve the following equations for x and y, if $3x - y = \begin{bmatrix} 1 & -1 \\ -1 & 1 \end{bmatrix}$ and $x - 3y = \begin{bmatrix} 0 & -1 \\ 0 & -1 \end{bmatrix}$

**Q.3) B) Attempt any ONE of the following**

1) Find the inverse of $\begin{bmatrix} 1 & 2 & 3 \\ 1 & 1 & 5 \\ 2 & 4 & 7 \end{bmatrix}$ by using elementary row transformation

2) Find $\frac{dy}{dx}$, if $y = x^x + (\log x)^x$

## Section II

**Q.4) A) Select and write the most appropriate answer from the given alternatives for each sub-question:**

1) The marked price is also called as.....

a)Cost Price b)Selling Price c)List Price d)Invoice Price

2) ..... is a series of constant cash flows over a limited period of time.

a)Perpetuity b)Annuity c) Present Value d)Future Value

3) The half plane represented by $4x + 3y \geq 14$ contain the points

a)(0,0) b) (2,2) c) (3,4) d) (1,1)

4) The sum due is also called as

a)Face Value b)Present Value C) Cash Value d) True Discount

**Q.4) B) State whether the following statements are true or false**

1) Trade discount is allowed on catalogue price.

2) General insurance covers life, fire and theft.

3) The region represented by the inequalities $x \geq 0$, $y \geq 0$ lies in first quadrant.

Q. 4) C) **Fill in the blanks.** 22 03

1) The banker's discount is also called.....

2) An instalment of money paid for insurance is called.....

3) The optimal value of the objective function is attained at the..... points of feasible region.

Q. 5) A) **Attempt any ONE of the following.** 03

1) The true discount on the sum due 8 months hence at 12% p.a. is ₹560. Find the sum due and present worth of the bill.

2) Find the accumulated value of annuity due of ₹ 1,000 p.a. for 3 years at 10% p.a. compounded annually [Given $(1.1)^3=1.331$]

Q. 5) B) **Attempt any ONE of the following.** 04

1) The rate of interest compounded annually, if an annuity immediate at ₹ 20,000 per year months to ₹ 2, 60,000 in 3 years.

2) Solved the following.
Maximize $z=60x+50y$ subject to $x+2y\leq 40$, $3x+2y\leq 60$, $x\geq 0$, $y\geq 0$.

Q. 6) A) **Attempt any TWO of the following.** 04

1) A wholesaler allows 25% trade discount and 5% cash discount what will be the net price of an article marked at ₹ 1,600.

2) Find the accumulated (future) value of annuity of ₹ 800 for 3 years at interest rate 8% coumpoded annually. [Given:$(1.08)^3=1.2597$]

3) A merchant gives 5% commission and 1.5% declared to his agent. If agent sells goods worth ₹ 30,600 how much does he gets ? How much does the merchant receive?

Q. 6) B) **Attempt any ONE of the following** 04

1) A company manufactures bicycles and tricycles each of which must be processed through two machine A and B. Maximum availability of machine A and B is respectively 120 and 180 hours. Manufacturing a bicycle requires 6 hours on machine A and 3hours on machine B. manufacturing a tricycle requires 4 hours on machine A and 10 hours on machine B. If Profit are ₹180 for a bicycle and ₹220 for a tricycle, determine the number of bicycles and tricycle, that should be manufacture in order to maximize the profit.

2) A retailer sold a suit for ₹8,832 after allowing 8% discount on marked price and further 4% cash discount. If he made 38% profit, find the cost price and the marked price of the suit.

**TERMINAL EXAMINATION**

**Class- XII(Sci)** **Subject- I.T.** **Marks- 80** **Time-2 . 1/5**

**Q.1** **Fill in the blanks.** 10

1 ----- tag describes some aspects of contents of a webpage.
2 In html, ----- is a single graphics image that consists of number of hyperlinks within an image.
3 One of the optimization factors to improve images is by using ---- attribute.
4 ------hat SEO is a technique that search engines recommends as a part of good design.
5 When script resides on client machine and is executed by client browser is known as ---------side script.
6 In javascript,DOM stands for--------
7 Cloud models come in three types viz SaaS, IssS and--------
8 AI stands for-------
9 ----Hat SEO is a technique that search engines recommends as a part of good design.
10 -----is same as write(), but adds a newline character after each statement.

**Q.2** **State True or False** 10

1 HTML is not case sensitive language.
2 The 'Eg-SEOmator' is a free SEO audit tool.
3 The client side scripts are placed inside HTML code.
4 '}'is used for single line comment in javascript.
5 Public cloud is less efficient and inexpensive than private and hybrid cloud.
6 Ciphertext is unreadable to humans.
7 5G is the next generation of wireless communication.
8 Web designing is the service of providing storage space.
9 MPEG stands for moving/motion picture experts group.
10 SEO stands for search engine operation.

**Q.3** **Multiple choice *SINGLE* answer.** 10

1 --------attribute of <area> sets the coordinates for various shapes in image mapping.
a)coords b)map c)number d)key
2 ID selector is written with the ------character, followed by the id name.
a) # b) . (dot) c) & d) @
3 ------seo includes provision of good content, good keywords selection.
a) on-page b) off-page c)one-page d)of-page
4 You can restrict the pages from being indexed by the search engine using---
a) index.txt b)restrict.txt c)robots.txt d)page.txt
5 Javascript has a built-in multiway decision statement known as----
a)switch b)For c)Break d)If
6 ------is the next generation of wireless communication.
a)2G b)3G c)4G d)5G
7 Image mapping is a single graphic image which contains number of ------ incorporated within in an image.
a)hyper b)coords c)hotspots d)hypertext
8 -------to your website are a signal to search engines that others are interested to know about the contents form your website.
a)SEO b)Backlinks c)Bookmarks d)SEO audit
9 ---sets or returns the number of elements in an array.
a)index b)length c)find() d)indexof()
10 The SaaS stands for---
a)server as a service b)service as software c)service as a server d)software as service

**Q.4** **Multiple choice *TWO* correct answers.** 20

1 In css, class selector starts with------and Id selector starts with------.
a)* b) & c) . d) % e)#

2 List within another list either------list or --------list is called nested list
a)multilevel b)general c)unordered d)cascading e)ordered

3 Client side image map can be created using two elements---- and-----
a)<usemap> b)<server> c)<image> d)<area> e)<map>

4 SEO is mainly classified into two types as-----optimization and------ optimization
a)on-page b)off-page c)zero-page d)on-page e)two-page

5 Javascript built in objects provide different ---and ---- that are useful while creating live web pages.
a) values b)methods c)functions d)properties e)texts

6 The methods of Math object in javascript are-
a) prompt() b)pow() c)date() d)ceil() e)alert()

7 Following are not the models of computing-
a)IaaS b)SaaS c)MaaS d)PaaS e)KaaS

8 In css, text-decoration has following values-
a)line-through b)underline c)font d)bold e)None

9 The attributes of <area> are-
a)src b)coords c)name d)href e)width

10 The css syntax does not include-
a)inline b)selector c)value d)style e)property

**Q.5** **Multiple choice *THREE* correct answers.** 6

1 Types of web hosting are-
a)domain hosting b)distributed hosting c)dedicated hosting d)public hosting e) shared hosting f)free hosting

2 Positioning types in CSS are-
a)position b)static c)dynamic d)fixed e)absolute f)social

**Q.6** **Match the pairs.** 4

| | | |
|---|---|---|
| 1 | .mp3 | a) give information about image |
| 2 | 'Alt' attribute | b) Audio format from MPEG |
| 3 | onBlur | c) data type |
| 4 | Null | d) event handler |

**Q.7** **Answer briefly.(Any FIVE)** 10

1 What is SEO social bookmarking?
2 Write a note on SEOptimer Audit tool.
3 What are the advantages of IoT?
4 Explain terms cloud computing.
5 Explain term artificial intelligence.
6 What is web hosting? Explain its types.
7 Explain any FOUR string methods.
8 Explain techniques of SEO.

**Q.8** **A** **Write a code for following.(any ONE)** 5

1 Write html5 code with css such that-
- Create registration form having fields as name, gender, address and fields of interest.
- Give appropriate heading with largest size and center alignment and blue colour.
- Set background colour of body to light grey and colour of text blue.
- Insert submit button and reset button.

2 Write html5 code with css such that-
- Design form which accept the customer name.
- Use dropdown list to display 'milkshake' which list as strawberry, banana, mixed berry.
- Provision should be made to submit and clear the form.

**B** **Write javascript program(any ONE)-** 5

1 Write event driven program to accept radius of circle from user and display area of circle.( area=22/7*r*r)

2 Write event driven program to display factorial of accepted number.(Factorial of 5=5*4*3*2*1)

-*-*-**-*-

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D.B.J. College, Chiplun.
Terminal Examination – 2021-22
Subject- Agriculture Science and Technology

Standard- 12th Science
Division- 'A, B and C'

Marks- 50
Time- 2.30 Hrs.

Note:

1. All Questions are compulsory.
2. Figures to the right indicate full marks.
3. Answers to each question must be written on the new page.
4. Answers to objective question should be written with whole statement.

**Q.1. A Select the appropriate alternative and complete the following statement.** 5

1 Gram leaves contains.....acid
a) HCN b) Carbonic C) Acetic d) Malic

2 Banana is grown at a temperature range of .....C.
a) 5 to 10C b) 35 to 55C c) 10 to 40C d) 45 to 55C

3 Oil content of soyabean is.....
a) 25% b) 55% c) 75% d) 20%

4 Drenching with..... is useful in eliminating fungus from the soil medium.
a) Captan b) Lindane c) Chloropyriphos d) Endosulfan

5 Sugarcane belong to family is .....
a) Musaceae b) Rutaceae d) anacardiaceae d) Gramineae

**B Make the pairs** 4

| | Group A | Group B |
|---|---|---|
| 1 | H 4 | a) Dioecious |
| 2 | Papaya | b) Mango plant |
| 3 | Permanent nursery | c) Rich in Vitamin C |
| 4 | Citrus | d) G 67 |

**C Write True or False** 5

1 The shade net houses are popular in temperate countries.
2 Fruit plant nursery do not require license.
3 Inoculation of the explant is necessary in tissue culture.
4 Banana is a very heavy feeder crop quickly responds to manuring.
5 Oil content in groundnut seed varies from 45-55%.

**Q.2 Answer in brief (Any five)** 10

1 What are the use of mango?
2 Write the signs of maturity in rice crop.
3 Draw the typical flower diagram of flower.
4 Enlist types of agriculture laboures.
5 Write the definition of nursery.
6 Write on bahar treatment in citrus.
7 Write in brief criteria for judging the proper maturity of mango crop.

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| | | | |
|---|---|---|---|
| **Q.3.** | | **Answer the following questions. (Any Four)** | 12 |
| | 1 | Give the economic importance of sugarcane. | |
| | 2 | How groundnut is harvested? | |
| | 3 | State objective of a nursery | |
| | 4 | Write on advantages of good farm plan. | |
| | 5 | Give the types of vegetative reproduction. | |
| | 6 | Define parthenogenesis. | |
| **Q.4.** | | **Answer the following questions. (Any Two)** | 08 |
| | 1 | How nipping is carried out in gram? | |
| | 2 | Write about seed treatment in soybean. | |
| | 3 | Explain the technique in tissue culture. | |
| | 4 | Write in details planning and layout of nursery. | |
| **Q.5.** | | **Answer the following question in detail. (Any One)** | 06 |
| | 1 | Write cultivation of wheat on the following points. | |
| | | a. Soil b. Uses c. Sowing method and spacing | |
| | 2 | Write in detail advantages of green house. | |

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डी. बी. जे. महाविद्यालयः, चिपळूणम्

12 कक्ष्या - कला, विज्ञानम्, वाणिज्यम्

प्रथमसत्रान्तपरीक्षा - डिसेंबर 2021

समयः - 2:30 होराः  विषयः - संस्कृतम्  अङ्काः - 50

द्वितीयः विभागः - पद्यम् (12)

(अवबोधनं, शब्दज्ञानं, पृथक्करणं, सरलार्थः, अन्वयपूर्तिः)

प्रश्नः 2 अ) पद्यांशं पठित्वा निर्दिष्टाः कृतीः कुरुत। 4

अ 1) अवबोधनम् (3 तः 2) 2

1) वाक्यं पूर्णं लिखित्वा सत्यं वा असत्यम् इति लिखत।
चन्द्रचूडः अनन्तरं वक्तुं न शक्नोति।

2) रेखाङ्कितं पदम् आधृत्य संस्कृतभाषया प्रश्ननिर्माणं कुरुत।
गच्छ अटव्याम्।

3) उचितं वाक्यांशं चित्वा वाक्यं पुनर्लिखत।
केकां कुरु इति शिवा वदति यतः ——
1.नीलकण्ठः मयूरः।
2.नीलकण्ठः पशुपतिः।

कस्त्वं? शूली मृगय भिषजं नीलकण्ठः प्रियेऽहं
केकामेकां कुरु पशुपतिर्नैव दृश्ये विषाणे ।
स्थाणुर्मुग्धे न वदति तरुर्जीवितेशः शिवायाः
गच्छाटव्यामिति हतवचाः पातु वश्चन्द्रचूडः ।।२।

अ 2) शब्दज्ञानम् 2

1) समानार्थकशब्दं लिखत। - स्तम्भः, शृङ्गे

2) विशेषणे चित्वा लिखत। - शिवा - ——, ——

प्रश्नः 2 इ) पद्यांशं पठित्वा निर्दिष्टाः कृतीः कुरुत। 4

इ 1) अवबोधनम् (3 तः 2) 2

1) उचितं वाक्यांशं चित्वा वाक्यं पुनर्लिखत।
भक्तव्रजः वदति यत् ———।

2) पूर्णवाक्येन संस्कृतभाषया उत्तरं लिखत।
भक्तव्रजः कदा समागच्छति?

3) विशेष्यं लिखत।
1)कल्पद्रुमः - ——
2)अनादिः - ——

विन्यस्तहस्तः स्वनितम्बबिम्बे कल्पद्रुमो भक्तमनोरथानाम् ।
तिष्ठत्यपास्य श्रममिष्टकायामनादिकालादिह पाण्डुरङ्गः ।।४।।

भक्तव्रजस्तालमृदङ्गनादैर्गर्जन्मुहुर्विठ्ठल-विठ्ठलेति ।
आषाढमासे प्रतिवर्षमत्र क्षेत्रं समागच्छति पौण्डरीकम् ।।५।।

इ 2) पृथक्करणम् - स्तम्भपूरणं कुरुत। 2

पाण्डुरङ्गः किं करोति?

1) हस्तौ ———।

2) मनोरथान् ——।

3) श्रमं ——।

4) इष्टकायां ——।

(मञ्जूषा - गर्जति, अपाकरोति, स्थापयति, पूरयति, तिष्ठति, समागच्छति)

प्रश्नः 2 आ) रिक्तस्थानानि पूरयित्वा अन्वयं लिखत। अथवा सरलार्थं लिखत। 4

वीर-सावरकरस्य वाहिनी 'मोरिया' समनुदिश्य भारतम् ।
प्रस्थिता विधृतसत्त्वधारिणी व्याघ्रिकेव निजगद्वरं प्रति ।।१।।

''कंसबन्धनगृहात् पलायितोऽर्भकश्च निशि देवकीसुतः ।
दैवतं निखिलराष्ट्रवादिनां श्रीशिवाजिरपि शत्रुबन्धनात् ।।३।।

अन्वयः - निजगह्वरं —— (प्रस्थिता) विधृतसत्त्वधारिणी —— इव वीरसावरकरस्य वाहिनी —— भारतं —— प्रस्थिता।

—— देवकीसुतः —— कंसबन्धनगृहात् पलायितः च। —— दैवतं श्रीशिवाजिः —— शत्रुबन्धनात् पलायितः।

## तृतीयः विभागः - गद्यम् (10)

(अवबोधनं, शब्दज्ञानं, पृथक्करणं, स्पष्टीकरणम्)

प्रश्नः 3 अ) गद्यांशं पठित्वा निर्दिष्टाः कृतीः कुरुत। 5

अ 1) अवबोधनम् 3

1) कः कं वदति?

कुकुर कुक्का।

2) पूर्णवाक्येन उत्तरं लिखत।

कुक्कुरस्य कृते अमरकोषे के षड् शब्दाः?

3) रेखाङ्कितं पदम् आधृत्य संस्कृतभाषया प्रश्ननिर्माणं कुरुत।

अमरकोषात् ध्वनिः प्रस्फुरितः।

अत्रान्तरे मार्जारम् अनुधावन् एकः कुक्कुरः तत्र आगच्छति । मराठीभाषा वदति, 'मांजर' । बाङ्ग्लाभाषा भाषते 'बिराल', गुजराती-हिन्दीभाषे उच्चैः कथितवत्यौ 'बिलाडी-बिल्ली' इति । कुक्कुरं दृष्ट्वा कोंकणीभाषा उक्तवती, 'सुणें' । बाङ्ग्ला-तेलुगुभाषे ऊचतुः, 'कुकुर, कुक्का' इति । तदा कोणे स्थितात् अमरकोषात् ध्वनिः प्रस्फुरितः -

**ओतुर्बिडालो मार्जारो वृषदंशक आखुभुक् ।**
**कौलेयकः सारमेयः कुक्कुरो मृगदंशकः ।**
**शुनको भषकः श्वा स्यादलर्कस्तु स योगितः ।**
**श्वाविश्वकदुर्मृगयाकुशलः सरमा शुनी ।**

अ 2) शब्दज्ञानम्

1) समानार्थकक्रियापदयुग्मं चित्वा लिखत। 2

2) द्वितीयाविभक्त्यन्तपदे चित्वा लिखत।

प्रश्नः 3 ई) माध्यमभाषया ससन्दर्भं स्पष्टीकुरुत। (केवलं 1)

1) सूत्रपरीक्षामात्रः प्रदीपः। 5

2) ऋतुम् अनुसृत्य प्रसाधनं करणीयम्।

## चतुर्थः विभागः - भारतविद्या (8)

प्रश्नः 4 अ) उचितं पर्यायं चित्वा पूर्णवाक्येन उत्तरं लिखत। (10 तः 8) 8

1) वास्तुकलायाः ग्रन्थः —— ।
(अर्थशास्त्रम्, प्रासादमण्डनम्, साधनमाला)

2) प्रासादानाम् अध्ययनं —— ।
(वास्तुकलायाम्, प्रतिमाविद्यायाम्, पुराभिलेखविद्यायाम्)

3) —— मसीरूपेण उपयुक्ता।
(आमलकः, आर्द्रकम्, हरिद्रा)

4) पुराभिलेखाः —— तष्टाः।
(कर्गजेषु, प्रस्तरेषु, जलेषु)

5) मूर्तिविद्यायाः अभ्यासकः —— महोदयः।
(वा. वि. मिराशी, म. के. ढवळीकर, नी. पु. जोशी)

6) वास्तुकलायाः आविष्कारः —— देशे दृश्यते।
(मलेशिया, इन्डोनेशिया, कम्बोडिया)

7) —— प्राचीनं गणराज्यम्।
(मालव, अयोध्या, अवंति)

8) ढवळीकरमहोदयेन —— प्राचीनसंस्कृतिः अन्वेषिता।
(इनामगामे, राजस्थाने, महाराष्ट्रे)

9) पुराणानि —— वर्णयन्ति।
(नाणकानि, हस्तलिखितानि, मूर्तिनिर्माणं)

10) उत्खननं —— क्रियते।
(प्रतिमाशास्त्रे, पुरातत्त्वशास्त्रे, स्थापत्यशास्त्रे)

## षष्ठः विभागः - लेखनकौशलम् (16)

प्रश्नः 6) अधोनिर्दिष्टे कृती कुरुत। (3 तः 2) (16)

1) मञ्जूषातः शब्दान् चित्वा रिक्तस्थानानि पूरयित्वा चित्रपटवर्णनं पुनर्लिखत। (8)

द लायन किंग इति अनुप्राणितचित्रपटः। —— एतस्य चित्रपटस्य लेखनं जोनातन् लिण्डा तथा इरेन् कृतवन्तौ। दिग्दर्शनं जॉन् फैवरो कृतवान्। वाल्ट डिस्ने नाम्न्या निर्मितिसंस्थया —— चित्रपटस्य पुनः प्रस्तुतिः इयम्। मुफासा, सिम्बा, स्कार्, टैमन्, पुम्बा इत्यादयः —— आफ्रिकाखण्डे वनप्रदेशे निवसन्ति। राज्यस्य —— तेषां सङ्घर्षः अत्र वर्णितः। अनुप्राणितपटेषु तन्त्रज्ञानां कौशलं तु मौलिकमेव। किन्तु पार्श्वनिवेदकानाम् अपि कौशलम् अतीव —— भवति। यतः तेषां —— माध्यमेन रसिकाः कथाम् आस्वादयन्ति। आङ्ग्लभाषापटे मॅथ्यू ब्रोडरिक् तथा जेम्स् अर्ल् जोन्स इति —— पार्श्वनिवेदकौ। अस्य चित्रपटस्य हिन्दीसंस्करणे तु विख्यातः अभिनेता शाहरुखखानः च तस्य पुत्रः आर्यनखानः च पार्श्वनिवेदनं कृतवन्तौ। एतदपि —— चित्रपटस्य भारते लोकप्रियतायाः कारणम्।

(मञ्जूषा - अस्य, महत्त्वपूर्णं, निर्मितस्य, द्वौ, पशवः, स्वराणां, आङ्ग्लभाषया, कृते, )

अथवा

2) निमन्त्रणपत्रिकायाः आधारेण संस्कृतभाषया वृत्तान्तलेखनं कुरुत। (8)

निमन्त्रणम्

ग्राहकरक्षणार्थं जनजागरणम्

ग्राहकदिननिमित्तेन

ग्राहकमित्रसंस्था, चिपळूणम्

आयोजयति

कर्गजवस्त्रस्यूतप्रदर्शनी

प्रमुखातिथिः - श्री. मोहनीश पाटील

(रत्नागिरी-जिल्हा-ग्राहक-संघटना-अध्यक्षः)

अध्यक्षा - मा. सुरेखा खेराडे (नगराध्यक्षा)

स्थलम् - ब्राह्मण-सहाय्यक-सङ्घ-सभागृहम्, चिपळूणम्

समयः - सायम् 3:00 तः 5:00

दिनाङ्कः - 24 डिसेम्बरः 2021 शुक्रवासरः

सर्वेषां सहर्षं स्वागतम्।

संयोजकाः

| | | |
|---|---|---|
| आस्कर काटदरे | रमेश मोने | उदयगिरी पण्डित |
| सञ्चालकः | अध्यक्षः | सचिवः |
| 9423831700 | 9420151700 | 9881575033 |

अथवा

3) एकं विषयम् अधिकृत्य संस्कृतभाषया 8 - 10 वाक्येषु निबन्धलेखनं कुरुत। (8)

1. मित्रं प्रीतिरसायनम्।
2. मया अनुभूता आपत्तिः।
3. मम प्रियः क्रान्तिवीरः।

अष्टमः विभागः - अपठितम् (4)

प्रश्नः 8) संस्कृतवाक्यानां माध्यमभाषया अनुवादं कुरुत। (6 तः 4) 4

1) सिंहः नृपस्य प्रार्थनाम् अङ्गीकृतवान्।
2) वरं पृच्छ, अश्वं तु न ददामि।
3) गुरवे कियत् धनं दातव्यम्?
4) यदि भवान् धेनुं सेविष्यति तर्हि भवतः अपत्यं भविष्यति।
5) शौर्यरहिता नीतिः प्रयोजनाय न भवति।
6) अतः पुनः आगत्य भवान् तत्रैव वसतु।