2023
ALTERNATIVE ENGLISH
Full Marks - $\mathbf{8 0}$
Time - 3 Hours

## General Instructions :

(i) This question paper is divided into four sections - A, B, C and D.
(ii) All the sections are compulsory. Answer all the questions.
(iii) Write the number of the question before attempting it.
(iv) Figures in the margin indicate marks.

## SECTION - A ( 25 marks) <br> GRAMMAR AND COMPOSITION

1. Identify the parts of speech of the underlined words in the following sentences: $5 \times 1=5$
(a) He is a good cook. (adverb/adjective)
(b) She went to the market but did not buy anything new. (preposition / conjunction)
(c) My teacher asked me to complete the homework tomorrow. (preposition / adverb)
(d) Let me know when you are ready to leave. (conjunction / adverb)
(e) My mother told me to water the plants. (verb / noun)
2. Punctuate the following: don't kill me said Chuchundra almost weeping
3. Make sentences using the following idioms and phrases to bring out their meanings: $5 \times 1=5$
(a) a piece of cake
(b) once in a blue moon
(c) let the cat out of the bag
(d) in the nick of time
(e) to be down with
4. Write an essay on any one of the topics in about $\mathbf{1 2 0} \mathbf{- 1 5 0}$ words :
(a) Importance of Self-discipline

## OR

(b) My Last Day at School
5. Write a précis of the following passage. Give a suitable title.

The noblest deeds that have been done on Earth have not been done for gold. It was not for the sake of gold that Lord Jesus came down and died on the cross. The Spartans looked for no reward where they fought and died at Thermopylae. Socrates the wise asked no pay for his countrymen but lived poor and barefooted all his days only caring to make them good and noble. And there are heroes even in our own days also who do noble deeds but not for gold.
SECTION - B (20 marks)

## POETRY

6. Read the extract given below and answer the questions that follow :
"One shade the more, one ray the less,
Had half impair'd the nameless grace.
Which waves in every raven tress
Or softly lightens o'er her face ;"
(a) The extract is taken from - 1
(i) The Old Woman
(ii) She Walks in Beauty
(iii) The Slave's Dream
(iv) AFineDay
(b) The poet is -
(i) H.W Longfellow
(ii) Joseph Campbell
(iii) Lord Byron
(iv) Michael Drayton
(c) What is meant by 'raven tress'?
(i) a black bird
(ii) black hair
(iii) black leaves
(iv) black feather
7. Read the extract given below and answer the questions that follow :
"My spirit flew in feathers then
That is so heavy now".
(a) Name the poem and the poet. $\quad 1+1=2$
(b) Explain the above lines. 3
8. Write the substance of the following : 4
'Is this, is this your joy?
O bird, then, I , though a boy,
For a golden moment share
Your featherly life in air !’
9. Answer any four of the following questions :

$$
4 \times 2=8
$$

(a) Why did the slave ride through the plain like a king in his dream ?
(b) What does the poet want to offer to his country in the poem 'I vow to Thee, My country'?
(c) Describe the character of the woman in 'She Walks in Beauty'.
(d) Give a brief outline of the picture of a fine day drawn by Michael Drayton in his poem.
(e) "Who climbs with.toil, wheresoe'er, shall find wings waiting there". Do you agree with the poet? Briefly explain why you agree / not agree with him.

## SECTION - C (25 marks)

## PROSE

10. Read the extract given below and answer the questions that follow :
"One word of ridicule stirs a man more than ten words of counsel".
(a) Name the author -
(i) Rudyard Kipling
(ii) Prabhat K. Mukhopadyay
(iii) Oscar Wilde
(iv) Stephen Leacock
(b) Nalini was angry at Kunjabala because -
(i) She made sarcastic comments about him
(ii) She was a bad sister-in-law
(iii) They did not meet eye-to-eye
(iv) She was against her sister marrying him
(c) Nalini was ridiculed for his -
(i) appearance
(ii) behaviour
(iii) job
(iv) height
(d) Another word for ridicule is -
(i) approval
(ii) compliment
(iii) derision
(iv) jesting
11. Read the extract given below and answer the questions that follow : $4 \times 1=4$
'Tragedy upon pitiful tragedy, and while I listened the ground round my feet was strewn with flowers'.
(a) Who is the speaker?
(i) Nalini
(ii) Jim Corbett
(iii) The Swallow
(iv) The Happy Prince
(b) What is the tragedy the speaker speaks about?
(i) Wars
(ii) Many people have been killed
(iii) People fell ill
(iv) People died of accidents
(c) Who caused the 'tragedy'?
(i) A tiger
(ii) A leopard
(iii) A lion
(iv) A wild bear
(d) Why was the ground strewn with flowers?
(i) Flowers fell from trees
(ii) People threw flowers at each other
(iii) People offered flowers for thanks giving to the speaker
(iv) People decorated the ground with flowers.
12. Answer any one of the following in about $\mathbf{1 0 0} \mathbf{- 1 2 0}$ words :
(a) "Yet from an early age, strange conflicting qualities warred within his nature". Elucidate the strange conflicting qualities of Tolstoy's nature.

## OR

(b) How, according to Hilaire Belloc is fame acquired ? Which form of fame is most enduring?
13. Answer the following questions in about $\mathbf{5 0} \mathbf{- 7 5}$ words :
(a) Why did the Swallow not leave the prince and go to Egypt?
(b) Describe how the hill poeple show gratitude to Ibbotson and Corbett.
14. (a) Why did the Swallow cry when the Happy Prince asked him to pluck out one of the sapphires?
(b) What did G.K. Chesterton learn when he had to stand one leg because of his sprained foot?

# SECTION -D (10 Marks) RAPID READER 

15. Answer any three of the following in about $\mathbf{2 0} \mathbf{- 3 0}$ words :
(a) What profession did David's aunt suggest for him?
(b) Describe Dora as a wife ?
(c) Why did Miss Betsey want to have a niece, not a nephew?
(d) How did David lose everything he owned in the world?
16. Write a brief character sketch of Uriah Heep in about $\mathbf{4 0} \mathbf{- 5 0}$ words.

# 2023 <br> <br> HENGAII <br> <br> HENGAII <br> Full Marks - mo <br> Time - 3 Houte 

## Gemeral Insirullions



(iii) Write the answers neatly and legitily
(iv) Figures in the marein indicate marks

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 साप्यद करा













P.T.O.









 करता हारद न्त।)
 (Paragraph) लनख।


© दामदाक मर সखाम निर्णय कর : (बে बোন্ना দूढि)
लिश्हमन, ठारपबान, त्रषपपथा, ठाधा माथा



(थ) अफा इलन भणिता बामाश्र कितन। (दयाभिक वाका)


$\checkmark 1$ जिहु अमाय कडिबने क्व :

$$
8 \times \frac{3}{ई}=2
$$



21 यथाश्शान यथायथ यकिচिश् माও:
आমাদের এক চাকর ছিল তাহার নাম শ্যাম শ্যামবণ দোহারা বাল্ মাथाয় সন্থা চুল খুলना জেলায় তাহার বাড়ী
১০। 'घাথা' অथ্যা 'কथा' শభ্সটিকে डিম্ম অर্থে প্রয়োগ করে তিনটি পৃথক বাক্যে লেখ। ৩

(क) अমाবস্যा / आমाবস্যা
(অ) বিদ্যাन / বिण्बान
(গ) তারাতারি / তাড়াতাড়ি
(घ) भ्रणियোগিতা / প্রতিযোগীতা
(ঙ) নমস্কার / নমষ্কার

## '凶'-বিভাগ

১২। निম্নলিথিত প্রশ্নগুলির উত্তর দাও :
৩×৩=৯
(ক) "‘কিন্ন শরীরের দিকে তাকাইবার অবসর কুবেরের নাই।" কুবের কে? তার শরীরের দিকে তাকাইবার উপায় নেই কেন?
(च) "পিতা ও কন্যার মাঝখানে এই যে একটুখানি ছলনার অভিনয় হইয়া গেল," - উদ্ধৃত অংশটি কোন গল্লের অন্তর্গত ? এখানে কোন ছলনার অভিনয়ের কথা বলা হয়েছে ?
(গ) "‘্ক্ল হইতে মাসিক যে বৃত্তি পাইতেন, ইহাতেই তাহা ব্যয় ইইত।" - এখানে কার মাসিক বৃত্তি পাওয়ার কথা বना হয়েছে ? তিনি কিভাবে তা ব্যয় করতেন ?

১৩। निম্নলিখিত প্রশ্নগুলির উত্তর দাও : (যে কোনো দুইটি)
(क) "এএ পर्य্যत্ या বলनाম সেগুনি হচ্ছে পপ্লীর পুরানো সম্পদ।" - बেখক এখানে কোন্-কোন্ পল্লীর পুরানো সম্পদের কথা উল্লেথ করেছেন, তা সংক্ষেপে বর্ণনা কর।
(থ) "সে ছিন মুক্ত, आমি ছিলাম বন্ধ - মিলনের উপায় ছিল না, সেই জন্য প্রণয়ের आকর্ষণ ছিল প্রবन ।" এখানে সে ও आমির পরিচয় দাও। উক্তিটির মধ্যে নেখক কী বলচে চেয়েছেন ? ১+২=৩
(গ) ‘‘आมরা যथা হইতে आসি, आবার তথায় ফিরিয়া যাই।’’ - সপ্রসঙ্গ ব্যাথ্যা কর।
>81 निक्नलिथिত প্রশ্নঞ্ঞनिর উন্তর দাও : ৩×৩=৯
(क) ‘‘হি্দু না ওরা মুসলিম ? ওই জিজ্ঞাসে কোন্ জন ? কাগারী ! বল, ডুবিছে মানুষ, সম্তান মোর মার।" - উদ্ধৃত অশ্টি কোন্ কবির কোন্ কবিতার অংশ ? প্রসঙটি ব্যাখ্যা কর। ১+২=৩



- अंफ़ि की ? भৌो किजाবে भোना হल ?

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\Delta+2=0
$$




2Q। निक्नलिথिত গ্রশ্মগুলির উত্তর দাও : (यে কোন দুইটি)

$$
s+2=0
$$



$$
২+২=8
$$

১+১=々
(マ) ছেলের मল কবিতায় কবি সত্যেন্দ্র নাথ দত্ত ছেলের দনকে ‘आশার প্রদীপ' ‘আশার খনি’ বরে উল্লেথ করেছেন্ন बকन्न ?
(গ) 'বর্ষে-বর্ষে দৰল-দলে আসে বিদ্যামঠতলে, চলে यায় তারা কলরবে।"

- কবিতাটির রচয়িতা কে ? কাদের সম্পকে কথাগুলি বলা হয়েছে ?

$$
\partial+১=2
$$

১: निम্নলিথিত প্রশগ্তলির উত্তর দাও : (যে কোন দুইটি)

$$
2 \times 0=b
$$

(द) "‘স সাধ কোথায় পৃণ হল ? তাঁর যে মনের ইচ্ছ মনেই রইল।" - অংশটি কোন গল্পের অন্তর্গত এবং কার बढनর ইচ্ছার कथा বলা হয়েছে ? তাঁর সাধ কী ছিল ?

$$
s+2=0
$$

(च) दा পो পमिनী কোন রাজ্যের রাণী ছিলেন ? তাঁর জীবনের অবসান की ভাবে ঘটেছিল ?

$$
১+২=0
$$

(গ) "চল দাজ গ্রামম-গ্রামে নগরে-নগরে পশুর সমান ভীলদের শিকার করি গে," - কথাটি কে বলেহিলেন? তিनि ভীनদের সঙ্গে কী রুপ ব্যবহার করেছিলেন ?

$$
\lambda+2=0
$$

391 (ক) বাभ্রাদিত্য গল্প্প বাপ্রাদিত্যের পিতা নাগাদ্ত্যেকে পরাজিত করে কিভাবে ভীলেরা ভীলরাজ্য প্রতিষ্ঠা করেছিল, তার সशक्षिপु বर्ণना माও।

অথবা,
(») "‘ৎলস দেবতার বরে মৃত্যু হয় না, দেবতার অভিশাপে মৃত্যু হয়, তুমি বর প্রার্থনা কর।" - উদ্ধৃত উক্তিটি কোন গক্রের অन্তর্গত ? উক্তিটি কে এবং কার উদ্দেশ্যে বলেছেন ? এখানে कী বর চাওয়া হয়েছিল ?

$$
১+১+৩=৪
$$

# 2023 <br> CIVICS \& ECONOMICS <br> Full Marks - $\mathbf{8 0}$ <br> <br> Time - 3 Hours 

 <br> <br> Time - 3 Hours}

## General Instructions:

(i) All questions are compulsory.
(ii) There are two sections, $\boldsymbol{A}$ and $\boldsymbol{B}$ carrying 40 marks each.
(iii) Write the number and sub-number of the question before attempting it.
(iv) Figures in the margin indicate marks.

## SECTION - A (CIVICS - 40 marks)

1. Choose the correct answer from the options given :
(a) The quorum of Rajya Sabha is-
(i) one-third
(ii) one-tenth
(iii) half of members
(iv) two-third
(b) Who is the constitutional head of the State?
(i) The Governor
(ii) The Prime Minister
(iii) The Chief Minister
(iv) The Chief Justice
(c) The Chief Minister of a state holds his office -
(i) for 10 years
(ii) for 4 years
(iii). during the pleasure of Governor
(iv) for 5 years
(d) Td become the President of India, a person should have completed -
(i) 25 years of age
(ii) 40 years of age
(iii) 35 years of age
(iv) 50 years of age
(e) The $69^{\text {th }}$ Amendment Act incorporated special provision regarding -
(i) Chandigarh Union Territory
(ii) Delhi Union Territory
(iii) Pondicherry Union Territory
(iv) Daman Union Territory
2. Fill in the blanks with correct answers :

$$
7 \times 1=7
$$

(a) Uncharitable remark against directive has $\qquad$ . (no legal force behind them / legal force behind them)
(b) ___ is considered superior than Directive Principles. (Preamble/Fundamental Rights)
(c) People's Court is known as $\qquad$ . (Lok Adalat/Lok Ayukta)
(d) India is having $\qquad$ Party system. (multi/ dual)
(e) The oldest political party of India is $\qquad$ (BJP / Indian National Congress)
(f) Judges of the Supreme Court are appointed by the $\qquad$ (President of India / Chief Minister)
(g) A constitution amending Bill reserves $\qquad$ seats for women in the State Assemblies and the Parliament. ( $33 \% / 24 \%$ )
3. How is the Prime Minister removed from his office ? 2
4. Mention atleast two qualifications to become the Chief Minister of State.2
5. Name any four types of court in the district level. ..... 2
6. Suggest any two ways for the upliftment of women by Indian Constitution. ..... 2
7. Discuss any three executive powers of Governor. ..... 3
8. Write a short note on 'Communalism'. ..... 3
9. What are the qualifications for the appointment of a Judge of the Supreme Court? ..... 3
10. Write three military powers of the President of India. ..... 3
11. State the powers of Lt. Governor of Delhi. ..... 4
1.2. Explain the functions of Political Party. ..... 4

## SECTION - B (ECONOMICS - 40 marks)

13. Choose the correct answer from the options given :
(a) The rapid and sustained increase in Agricultural output over a long period of time is called -
(i) White revolution
(ii) Blue revolution
(iii) Transportation
(iv) Green revolution
(b) Agriculture provides source of livelihood to nearly -
(i) $68 \%$
(ii) $78 \%$
(iii) $58 \%$
(iv) $48 \%$
(c) Where was the first telephone service introduced in India?
(i) Delhi
(ii) Kolkata
(iii) Bengaluru
(iv) Mumbai
(d) Internal trade refers to -
(i) Trade between two countries
(ii) Border trade
(iii) Trade within the country
(iv) Trade outside the country
(e) The sector consisting of those production units which are owned and controlled by the government is -
(i) Private Sector
(ii) Individual Sector
(iii) Joint Sector
(iv) Public Sector
14. Fill in the blanks correctly :
(a) The total value of final goods and services produced by normal residents of a country during a financial year is $\qquad$ . (Net National Income / Per Capita Income)
(b) Foreign trade leads to $\qquad$ . (economic growth / economic cooperation)
(c) Sustainable development is a__ process that manages all available resources. (short term / long term)
(d) The important tools of monetary policy is $\qquad$ . (storage facilities / Bank rate policy)
(e) Cause of low agricultural productivity in India is $\qquad$ . (uneconomical size of land/ water scarcity)
(f) Industries which are run as household enterprises employing little or no hired labour are called $\qquad$ . (small scale industries / cottage industries)
(g) The first Civil Aviation Department was set up in $\qquad$ (1972 / 1927)
15. Define Economic Welfare. ..... 2
16. Define seasonal unemployment. ..... 2
17. What is meant by balance of trade ? ..... 2
18. Mention any two advantages of road transport. ..... 2
19. Mention any three characteristics of economic growth. ..... 3
20. Discuss three problems of Indian agriculture. ..... 3
21. Give three reasons for need of rapid industrialisation. ..... 3
22. Explain 'National Income' as an economic indicator of development. ..... 3
23. Discuss the evolution of role of a State in Indian economy. ..... 4
24. What is meant by infrastructure ? Explain its types. ..... $1+3=4$

2023

## COMMERCIAL STUDIES

Full Marks - $\mathbf{8 0}$
Time - 3 Hours
General Instructions :
(i) All questions are compulsory.
(ii) Write the number and sub-number of the question before attempting it.
(iii) Figures in the margin indicate marks.

1. Choose the correct answer from the given options :
(a) The persons who buy the products or services from the organisation for an agreed price -
(i) Sellers
(ii) Customers
(iii) Brokers
(iv) Stake holders
(b) Employment of children below the age of 14 years in any factory and mines is called -
(i) Force labour
(ii) Casual labour
(iii) Child labour
(iv) Daily labour
(c) To form public opinion about the organisation and its prducts or services is the object of -
(i) Publicity
(ii) Sales promotion
(iii) Advertisement
(iv) Processing
(d) The total number of products and its items that a particular marketer offers to the market is -
(i) Product mix
(ii) Marketing mix
(iii) Price mix
(iv) Product life cycle
(e) It is concerned with explaining the meaning and significance of the relationship so established by the analysis -
(i) Analysing
(ii) Recording
(iii) Intepreting
(iv) Classifying
(1) A part of accounting and is concerned with record keeping or maintainance of books of accounting which is often routine and clerical in nature -
(i) Book-keeping
(ii) Accountancy
(iii) Accounting
(iv) Double entry system
(g) A long term educational process of improving the overall personality of an employee is -
(i) Training
(ii) Placement
(iii) Development
(iv) Recruitment
2. Fill in the blanks:

$$
7 \times 1=7
$$

(a) An act which provides injury compensation to industrial workers is $\qquad$
(b) The relationship between management and individual employees $\qquad$ relations.
(c) means what seller sells and what a buyer buys.
(d) An example for computerised machine in banking is $\qquad$ .
(e) grant loans to its members at reasonable rate of interest.
(f) A training that involves classroom training imparted with the help of equipment and machines identical to those in use at place of work is called $\qquad$ .
(g) The factors affecting the wage / work equation is called $\qquad$ .
3. Answer the following:
(a) What is the full form of S.A.C.C.S?
(b) State the meaning of Human Rights.
(c) What is meant by service in marketing?
(d) Why is Branding important in marketing?
(e) Why do Tax authorities need accounting information?
(f) For what purpose was IDBI originally established?
(g) When does the process of recruitment begin?
(h) What are the methods for the settlement of industrial disputes?
(i) Give one example of Indian Trade Union of Employers.
(j) Name the agencies of Industrial relation.
4. State the expectations of suppliers. 3
5. State three qualities of good Trade Mark.
-6. Distinguish between Marketing and Selling on the basis of -
(a) Focus
(b) Starting
(c) Profit
7. State the qualities of a successful salesman.
8. Write the three types of deposits accepted by the commercial banks as its primary function. 3
9. What is meant by banking? Write any two kinds of commercial banks.
10. State any three requirements of training.3
11. State any three aims of industrial relation. ..... 3
12. Evaluate the advantages of Article $22-27$ of UDHR for a person. ..... 4
13. Mention the conditions under which the Computerised Accounting System is useful. ..... 4
14. (a) State the basic objectives of MRTP Act. Also explain the meaning of Monopolistic Trade Practices.
(b) Explain the purpose of regulation. ..... 8

# 15. A new cosmetic product was launched yesterday, what actions or methods would you take to promote the sale of such product as a sales manager. Give at least four methods. 

16. (a) Describe the benefits and limitations of conducting interviews. ..... $4+4=8$

## OR

(b) What purpose does Performance Appraisal serve? 8

## 2023

## HINDI

## Full Marks - 80

## Time - 3 Hours

## General Instructions :

(i) All questions are compulsory.
(ii) Figures in the margin indicate marks.
(iii) Write your answers neatly and legibly.
(iv) While attempting a question, write the question number as given in the question paper.
खण्ड - 'क'

1. निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर नीचे दिए प्रश्नों के उत्तर दीजिए :

आज आदमी धन के पीछे अंधाधुंध दौड़ रहा है। पाँच रुपए मिलने पर दस, दस मिलने पर सौ और सौ मिलने पर हजार की लालसा लिए वह इस अंधी दौड़ में शामिल है। इस दौड़ का कोइ अंत नहीं। धन की इस दौड़ में सभी पारिवारिक और मानवीय संबंध पीछे छूट गए। व्यक्ति सत्य-असत्य, उचित-अनुचित, न्याय-अन्याय और अपने-पराए के भेद-भाव को भूल गया। उसके पास अपनी पत्नी और संतान के लिए भी समय नहीं। धन के लिए पुत्र का पिता के साथ, बेटी का माँ के साथ और पति का पत्नी के साथ झगड़ा हो रहा है। भाई-भाई के खून का प्यासा है। धन की लालसा व्यक्ति को जघन्य से जघन्य कार्य करने के लिए उकसा रही है । इस लालसा का ही परिणाम है कि जगह-जगह हत्या, लूट, अपहरण और चोरी-डकैती की घटनाएँ बढ़ रही हैं। इस रोगी मनोवृत्ति को बदलने के लिए हमें हर स्तर पर प्रयत्न करने होंगे।
(क) आज व्यक्ति किस अंधी दौड़ में शामिल है ? 1
(ख) इस दौड़ का मानवीय संबंधों पर क्या प्रभाव पड़ रहा है ? 1
(ग) यह अंधी दौड़ पारिवारिक जीवन को क्या हानि पहुँचा रही है ? 1
(घ) धन की इस अंध-लालसा का क्या परिणाम होता है ? 1
(ङ) लेखक के अनुसार किस दौड़ में अंत नहीं होती ? 1
(च) धन की इस अंध-लालसा को रोकने के लिए क्या प्रयास करना चाहिए ? 1
P.T.O.
2. निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर नीचे दिए गए प्रश्नों के उत्तर दीजिए :

संत्सग से लौकिक और पारलीकिक दोनों प्रकार के सुख प्राप्त होते हैं। यदि कोई मनुष्य इस जीवन में दुखी रहता है तो कम से कम कुछ समय के लिए श्रेष्ठ पूरुषों की संगती में वह अपने सांसारिक दुःखों को विस्मरण कर देता है । महापुरुषों के उपदेश सदैव सुख-शांति प्रदान करते हैं, दुख के समय मनुष्य उसका स्मरण करके धैर्य प्राप्त करता है। सत्संग में रहने वाले मनुष्य को दैवी दुखों का कोई भय नहीं रहता। वह अपने को ईश्वर में लीन समझता है, जिससे दुखों का कोई कारण ही शेष नहीं रह जाता । सत्संग के प्रभाव से धैर्य-लाभ होता है, जिससे मन में क्षमा की शक्ति अपने आप आ जाती है। क्षमा मनको शांति और संतोष प्रदान करती है।
(क) सत्संग में लीन रहने वाले मनष्यों को दैवी दुखों का भय क्यों नहीं रहता ?
(ख) दुख के समय मनुष्य धैर्य कैसे प्राप्त करता है ?
खण्ड - 'ख’
3. (क) प्रधानाचार्य को पत्र लिखिए जिसमें कंप्यूटर शिक्षा की व्यवस्था करने का अनुरोध हो।

## अथवा

(ख) अपने मोहले में लावारिस / आवारा कुत्तों की संख्या बहुत ज्यादा हो गई है। जिससे आने-जाने वाले लोगों को असुविधा होती है। अतः लोगों की सुरक्षा को ध्यान में रखते हुए नगर निगम अधिकारी को एक पत्र लिखिए।
4. दिए गए संकेत-बिन्दुओं के आधार पर लगभग 100 शब्दों में किसी एक विषय पर अनुच्छेद लिखिए :
(क) हमारी वन-संपदाः
(वन प्रकृति की देन — वनों से हमारी दूरी — वन पर्यावरण को संतुलित करते हैं — वर्तमान युग का वनों पर प्रभाव)
(ख) लड़का-लड़की एक समान
(भगवान की नज़रों में लड़का-लड़की बराबर — दोनों एक-दूसरे के पूरक — दोनों में अंतर करना अन्याय)
(ग) विद्यालय में मेरा पहला दिन
(ग्रार्थना सभा का आनंद — सहपाठियों से परिचय — विशेष अनुभव)
खण्ड - 'ग'
5. निम्नलिखित प्रश्नों के उत्तर दीजिए :

$$
2 \times 1=2
$$

(क) पद किसे कहते हैं ?
(ख) रेखांकित पदबंध का प्रकार बताइए :
कछुआ बहुत धीमी गति से चलता है।
6. निर्देशानुसार उत्तर दीजिए :
(क) बालक रो-रोकर चूप हो गया। (संयुक्त वाक्य में बदलिए)
(ख) शीला बाजार गई और पुस्तक खरीद लाई । (मिश्र वाक्य में बदलिए)
7. (क) संधि बनाइए : $2 \times 1=2$

सदा + एव, पर + उपकार
(ख) निम्नलिखित समासों का विग्रह कीजिए और समास भेद भी लिखिए :
सिरदद्र, पीतांबर
8. निम्नलिखित वाक्यों को शुद्ध कीजिए :
(क) बसन्त ऋतु बहुत अच्छा होता है ।
(ख) अनेको लोग उस समय उपस्थित थे ।
(ग) पुस्तक पर नहीं लिखो ।
(घ) आप मेरे को जाने दो ।
9. निम्नलिखित मुहावरों का वाक्य में प्रयोग कीजिए :

मौत से गले मिलना, टूट पड़ना, खुशी का ठिकाना न रहना, हाथ न आना
खण्ड — 'घ'
10. निम्नलिखित प्रश्नों में से किसी एक प्रश्न का उत्तर दीजिए :
(क) 'मनुष्यता' कविता के माध्यम से कवि क्या संदेश देना चाहता है ?
(ख) कवयित्री ने दीपक को हर बार अलग-अलग तरह से मधुर-मधुर, पुलक-पुलक, सिहर-सिहर और विहँस जलने को क्यों कहा है ? स्पष्ट कीजिए ।
(ग) तोप कविता के आधार पर 'तोप' के अतीत और वर्तमान पर प्रकाश डालिए।
11. निम्नलिखित प्रश्नों में से किन्हीं छ: प्रश्नों के उत्तर दीजिए :
(क) ईश्वर कण-कण में व्याप्त है, पर हम उसे क्यों नहीं देख पाते ?
(ख) मीराबाई श्रीकृष्ण को पाने के लिए क्या-क्या कार्य करने को तैयार है ?
(ग) छाया भी कब छाया ढूँढ़ने लगती है ?
(घ) उदार व्यक्ति की पहचान कैसे हो सकती है ?
(ङ) शाल के वृक्ष भयभीत होकर धरती में क्यों धँस गए ?
(च) दीपक से किस बात का आग्रह किया जा रहा है और क्यों ?
(छ) विरासत में मिली चीजों की बड़ी संभाल क्यों होती है ? स्पष्ट कीजिए।
(ज) 'कर चले हम फिदा' गीत में धरती को दुल्हन क्यों कहा गया है ?
12. निम्नलिखित गद्यांश को पढिए और किसी एक के पूछ्छे गए प्रश्नों के उत्तर दीजिए :
(अ) तताँरा एक नेक और मददगार व्यक्ति था। सदैव दूसरों की सहायता के लिए तत्पर रहता। अपने गाँववालों को ही नहीं, अपितु समूचे द्वीपवासियों की सेवा करना अपना परम कर्तव्य समझता था। उसके इस त्याग की वजह से वह चर्चित था। सभी उसका आदर करते। दूसरे गाँवों में भी पर्व-त्योहारों के समय उसे विशेष रुप से आमंत्रित किया

जाता । उसका व्यक्तित्व तो आकर्षक था ही, साथ ही आत्मीक स्वभाव की वजह से लोग उसके करीब रहना चाहते। पारंपरिक पोशाक के साथ वह अपनी कमर में सदैव एक लकड़ी की तलवार बाँधे रहता । लोगों का मत था, बावजूद लकड़ी ही होने पर, उस तलवार में अद्भुत दैवीय शक्ति थी ।
(क) पाठ तथा लेखक का नाम लिखिए ।
(ख) तताँरा सब जगह क्यों चर्चित था ?
(ग) लोग उसके क़रीब क्यों रहना चाहते थे ?
(घ) तताँरा की पोशाक कैसी थी और वह क्या बाँधता था ?
(ङ) तताँरा की तलवार के बारे में लोगों का क्या विचार था ?

## अथवा

(आ) शैलेंद्र ने राजकपूर की भावनाओं को शब्द दिए हैं। राजकपूर ने अपने अनन्य सहयोगी की फिल्म में उतनी ही तन्मयता के साथ काम किया, किसी पारिश्रमिक की उपेक्षा किए बगैर । शैलेंद्र ने लिखा था कि वे राजकपूर के पास 'तीसरी कसम' की कहानी सुनाने पहुँचे तो कहानी सुनकर उन्होने बड़े उत्साहपूर्वक काम करना स्वीकार कर लिया। पर तुरंत गंभीरतापूर्वक बोले - "मेरा पारिश्रमिक एडवांस देना होगा।" शैलेंद्र को ऐसी उम्मीद नहीं थी कि राजकपूर ज़िंदगी भर की दोस्ती का ये बदला देंगे । शैलेंद्र का मुरझाया हुआ चेहरा देखकर राजकपूर ने मुसकराते हुए कहा, 'निकालो एक रूपया, मेरा पारिश्रमिक !' पूरा एडवांस । सैलेंद्र राजकपूर की इस याराना मस्ती से परिचित तो थे, लेकिन एक निर्माता के रुप में बड़े व्यावसायिक सूझबूझ वाले भी चक्कर खा जाते हैं, फिर शैलेंद्र तो फिल्म-निर्माता बनने के लिए सर्वथा अयोग्य थे ।
(क) पाठ और लेखक का नाम लिखिए ।
(ख) 'तीसरी कसम' फिल्म की कहानी सुनने के बाद राजकपूर की क्या प्रतिक्रिया थी ?
(ग) शैलेंद्र का चेहरा क्यों मुरझा गया ?
(घ) शैलेंद्र राजकपूर की किस बात से परिचित थे ?
(ङ) पारिश्रमिक के रूप में राजकपूर ने क्या माँगा?
13. निम्नलिखित में से किन्ही तीन प्रश्नों के उत्तर दीजिए :
(क) पूलिस ने बड़े-बड़े पार्कों तता मैदानों को क्यों घेर लिया था ?
(ख) बड़े भाई साहब छोटे भाई से हर समय पहला सवाल क्या पूछते थे ? उसके बाद क्या करते ?
(ग) बाज़ार के चौराहे पर खामोशी क्यों थी ?
(घ) कबूतर परेशानी में इधर-उधर क्यों फड़फड़ा रहे थे ?
(ङ) कर्नल ने सवार पर नज़र रखने के लिए क्यों कहा ?
14. निम्नलिखित में से किसी एक प्रश्न का उत्तर दीजिए :
(क) बढ़ती हुई आबादी ने पर्यावरण को कैसे प्रभावित किया है ?
(ख) जनरल साहब के भाई का कुत्ता जानकर ओचुमेलाँव के विचारों में क्या और क्यों परिवर्तन आया ?
(ग) वज़ीर अली एक जाँबाज सिपाही था, कैसे ? स्पष्ट कीजिए।
15. 'सपनों के-से दिन' नामक पाठ के कथाकार का नाम लिखिए।
16. निम्नलिखित में से किसी एक प्रश्न का उत्तर दीजिए :
(क) हरिहर काका को महंत और अपने भाई एक ही श्रेणी के क्यों लगने लगे ?
(ख) पीटी साहब की 'शाबाश' फौज के तमगों सी क्यों लगती थी ? स्पष्ट कीजिए।
17. निम्नलिखित में से किसी एक प्रश्न का उत्तर दीजिए :
(क) समाज में रिश्तों की क्या अहमियत है ? इस विषय पर अपने विचार प्रकट कीजिए।
(ख) पूरे घर में इफ़फ़न को अपनी दादी से ही विशेष स्नेह क्यों था ?
18. निम्नलिखित में से किसी एक प्रश्न का उत्तर दीजिए :
(क) लेखक अपने छात्र जीवन में स्कूल से छुट्टियों में मिले काम को पूरा करने के लिए क्या-क्या योजनाएँ बनाया करता था और उसे पूरा न कर पाने की स्थिति में किसकी भाँति 'बहादु' बनने की कल्पना किया करता था ?
(ख) टोपी और इफ़्फ़न की दादी अलग-अलग मज़हब और जाति के थे पर एक अनजान अटूटट रिश्ते से बँधे थे। इस कथन के आलोक में अपने विचार लिखिए ।

2023
HOME SCIENCE (Theory)

## Full Marks - 70

## Time - 3 Hours

General Instructions :
(i) All questions are compulsory.
(ii) Write the number and sub-number of the question before attempting it.
(iii) Figures in the margin indicate marks.

1. Choose the correct answer from the given options :
(a) Standardisation mark which is put on electrical goods-
(i) FPO
(ii) AGMARKS
(iii) Woolmarks
(iv) ISI
(b) To protect rice from insects, it may be stored with -
(i) Turmeric powder and salt
(ii) Salt and red chilli powder
(iii) Dhania powder and turmeric powder
(iv) Red chilli and dhania powder
(c) The universal bleaching agent is-
(i) Chlorine
(ii) Hydrogen peroxide
(iii) Bleaching powder
(iv) Hydrochloric acid
(d) A three-year old child belongs to -
(i) Infancy
(ii) Adolescence
(iii) Later childhood
(iv) Early childhood
(e) Development takes place from -
(i) Head to foot
(ii) Foot to head
(iii) Waist to head
(iv) Foot to waist
2. Fill in the blanks :
(a) The cost of product is given on the $\qquad$ .
(b) All those foods which get spoiled very soon are known as $\qquad$ foods.
(c) While buying, we should consider not only the cost, but the $\qquad$ also.
(d) means increase in size and shape of the body.
(e) Languages is a form of communication which $\qquad$ are used to other people.
(f) For storing, green leafy vegetables should be wrapped in $\qquad$ .
3. Answer the following questions in one or two sentences :
(a) Define the word peers.
(b) Define child development.
(c) What is social development?
(d) What is meant by infancy?
(e) What is hoarding?
(f) What is adulteration?
(g) What is a balanced diet?
(h) Define heredity.
(i) What is meant by storage of food?
(j) What is meal - planning?
4. Answer the following questions :
(a) What is meant by standardisation marks?
(b) What is motor development?
(c) What are the two types of resources?
(d) What does the word 'laundering' mean?
(e) What performance does Vitamin D improves for athletes?
(f) What are the two points you should keep in mind while selecting toys for children?
(g) Why is shrinkage control required in fabrics ?
(h) Why is it important to generate additional income?
(i) How will you prepare food to enhance its nutrients? Give the importance of enhancing nutritive value of food.
(j) What are the two types of goals?
5. Answer the following questions :
(a) How does play help a child to develop mentally?
(b) Write the functions of proteins.
(c) What happens if there is a shortage of money in the family?
(d) Write the equipment requirement for proper storage of food?
(e) How can you prove that all resources are inter-related?
6. What are the roles (influences) of books in the life of a child up to 3 years ?
7. Write the advantages and disadvantages of ready-made garments.
8. Write any five precautions that should be taken while laundering silk garments.

2023

# INTRODUCTORY INFORMATION TECHNOLOGY (Theory) <br> Full Marks - 30 <br> Time - $11 / 2$ Hours 

## General Instructions :

(i) All questions are compulsory.
(ii) Write the number and sub-number of the question before attempting it.
(iii) Marks for each question are indicated against it.

1. Fill in the blanks : $5 \times 1=5$
(a) A web address is expressed as four members separated by dots, called $\qquad$ address.
(b) The technical name given to the record is $\qquad$ .
(c) World Wide Web works on the $\qquad$ model.
(d) The ___ element will list the items in a specific order.
(e) Using the___ element you can insert images in your document.
2. What is home page?
3. What is candidate key ?
4. What is the use of VLINK attribute ? 1
5. What is the purpose of <STRIKE> element? $\quad 1$
6. Differentiate between a Web Server and a Web Browser. 2
7. What is the purpose of Datasheet View? 2
8. State any two advantages of DBMS over traditional method of keeping data. ..... 2
9. What is Default Value? ..... 2
10. Differentiate between <FONT> and <BASEFONT> elements. ..... 2
11. What is the difference between External linking and Internal linking ? ..... 2
12. Describe in detail any three common ways by which information can be retrieved over the Internet. ..... 3
13. What is the use of <BODY> tag in HTML? Explain any two attributes used with this tag with examples. ..... $1+2=3$
14. Describe any three attributes of $<I M G>$ element with examples. ..... 3

## MANIPURI

## Full Marks - 80

Time - 3 Hours
Figures in the margin indicate marks.

## चङケफ्या :


(आ) नশाগी डारे डाज শীजिमपूना भाউभूম भीयू ।

কাভলুপ - ‘ক'
(গ্রামার)
(মার্ক-১৫)

2। घथापा পীরিবा র্রাহংশিং अসিগী অচুন্ধা পাউখুম পীযু :
(क) چেেে্রেন থোকপা মণिপুরী কোলনन्ট কয়া רৈ ?
(अ) 20
(आ) 28
( (\%) 28
(अ) ১৬
(च) মপিপুরী ভান্রলগী চৈতপ -
(घ) ब नि
(आা) ৬ नৈ
(ह) १ बৈ
(औ) $৮$ लৈ

(घ) 8 ศৈ
(आ) बलि
(ह) ৩लৈ
(औ) २लৈ

२। ফোনোলজি अসিना গ্রামারদা कরি করি নननবগে ?
৩। কে小নनন্ট অनिना শাবा রাटि अমা ইয়ু ?
8। মীउইবদা लোল अসिना कরি করি কাম্মবা পী ?
ब। डाরল ফোনিম তরুক ডিফ্থথrং তরুক পুनশিন্ধগা ভার্রগী থোঘ্থোক কয়া নৈ ?
৬। ফোনিম্ কদাইবু কৌই ?
१। ই ফाब्बू अমमि ঈ थোক্নে হায়বসি করি করি তোब্gো ?
৮। 'কাইরে’ হায়বা র্রাহৈ अসিদা ডিফথোং কয়া লৈ ?
৯। মণিপুরীদা রূট মখল কয়া লৈ করি করিনো ?
১০। মোর্खোলোজি কদাইবু কৌবগে ?

(ক) ঐ অঙাशनि ।
(খ) इয়েং চাউরগা ওজা ওইগনি ।
(গ) মীওইবগী মপোক্ অরা নুংঙাই কয়া পুন্মগা হিংজ্রনি তাইরঙংশিদা
কাঙनুপ - ‘খ'
(ইবা)
(মার্ক-১৫)
১২। মখাগী হীরমশিং অসিদগী অমতং খল্ণগা রারেং (এসে) অমা র্রাহৌদোক অমসুং র্রারোইশিন হাপ্রুনা ইয়ু : (র্রাkৈ ১০০ — ১৫০ রোম)
(क) एাত্রগী भूল্সি অমদি মোবাইল खোন
(च) शाত্রभी পুन्भिদা শাম খোৎনবা
১৩। नহাক দায়লোদা লৈবা মनिनि হায়না থল্লু । नহাক্কী মরুপ অগ্যা লৈবা সनাথোইদা ছোজিক ছোজিক ওইরিবা

38 । नহাকতোমচানি, নহাক্লা থেঞ্মর্রিবা খুদোংিিবা অসিগী মরমদা পন্দूনা নুংতিগী ফোঙবা চেফোং ‘শঙাই’গী ইডিটরদা রিপোর্ট অমা ইয়ু । (র্木াহহ ৬০ — १० রোম)
কাঙলুপ - 'গ'
(পাবা)
(মার্ক-১০)

## ১৫। মখাগী র্木ারেং মতেক अসি পারগা মঋাদা পীরিবা র্বাহংশিংগী পাউখুম পীয়ু ：

 মসিবু ঐچোয়না তাथী－তাওইনা তৌরুবগী মহ্তারোম－তরাম ওকপनা ইথ্থোনি খनফম থোকই। অওनবা অমসুং
 শেমখৎলকপা，অতোপ্পা লৈবাকশিংদ্গ চৎてোক－চৎশিন তোরকপা অমসুং মফমশিংদুগী মীওইশিংগা তোৎन তিম্মবগী মঢহ ওইনা তোঙান－তোঙানবা লমদমশি：গী ওইবা চৎनরোল কয়া চঙলজ্রুनা ঐতখায়গী হৌন লোনচৎকা খুৎশম্মদুनা হরাউ－হরাউना চৎমিম্ছখि। মসिना লমদমসিগী মীওইশিংগী র্রাখল অমসুং মিৎয়েং পাকてথাক－

 মালেমগী মীওই খুদিিনা মাগী－মাগী মনাৎপু কম্মবা হোৎনবা অমসুং ঙাক－শেনবা হায়বসি মথৌनি খtৈ। ঐথোয়সু মমাংخঙদগী লৈরক্নবা মতমগা চুনবা চৎনবী । হৌন লোনচৎশিংবু য়ারিবমখৈ মাঙখিদনবা হোৎনফম থোকই ।
রারেং মতেক অসিগা মরি বৈনना মখাদা পীরিবা রাহংশিং অসিগী অমুম্বা পাউখুম খল্লু ：
（ক）লেक्रा লৈতবा মতমগী そচেলना থে•লুবদা পোৎশক খুদিংমক্টী মশক মওঙ খরমখৈ－
（অ）হো：দবা য়াই
（আ）হোং্লকপা হায়বসি হৌনশানি
（ই）পুनম্মক্ हৌशখিগবনি
（乡）অহোংবা লৈররোঁ
（ঘ）अওनবা অমসুং অহোংবা হায়বসি－
（अ）शৌ⿻丅⿵冂卄丨丁口
（आ）মउমना भूরকপनि
（ই）भूकिनि
（औ）अয়ानবनि
 ওইনা তোওান-তোঙানবা লমদমশিংগী ওইবা চৎনরোল কয়া চঙনক্ভুনা -
(অ) ঐてোয়পী হোন লোনচৎ হো:ళ্gधि

(ই) অচৌবা অহোংবা পিরকখি
(औ) তংতাবা হৌन লোনচe नৈহলখির্রে
(घ) মালেমগী মীওই খুদিংনা মাগী-মাগী মানাৎপু -
(অ) মতম মতমগী आহোঃবা হায়সি হৌমসাनि ।
(आ) কম্মবা হোৎনরা অমসুং ৬াক-শেনবা হায়বসি মঠৌৈি থخৈ ।
(ই) মতম মতমना পুরকপা অদু মানাৎ ওইগनि
(औ) মালেম পুনবগী অমখক ওইনা খनগদবनि
(ङ) রারেং মতেক अসিना মতমগী ঈচেলना মীওইবদা করি অহোংবা পুরকপগে ?
১৬। মখাগী র্রারেং মতেক অসি পারগা পীরিবা র্রাহংশিংগী পাউখুম পীযু :
মীওইবনা মশাবু নুংশিবদগী মজাৎতিবু নুংশিनা হেপ্ধি। অদুগা মজাতিবু নুংশিবদগী তাইবংপুম্ববু নুংশিবনা য়ায়া
 লৌশিनবা ঙম্বা নুমিত্তা মীওইবা জতিগী অর্রাবা পুম্মমক পুমকোক কোক্কদৌরিবনি। মরমদি, তাইবংপুম্ববু নুশিবতনা মজাতি নুशশিবগী অथুবা মীৎয়েং অদू পাকথোকহনবা ওমই । মীওইববু নুংশিবগী য়ুমফম नৌना শেমগৎপা ঙম্মবদি লৈবাক থমత্তা খুৎসু-খুৎলাই পায়দুনা অহিং য়াইরেজুনা লৈবগী মথ্থে তারোই। বিজ্ঞানগী
 ওইগমি । অদूना য়মমলোন-কৈরোমববু ইরৈবাকমচাবু অমসুং মীওইবা খুদিংমকপু ঐগীনি হায়না খোমজিনবা ও ্्लবদি अथिংবা লৈতनা চনগनि নুংশিবগী কং্বা নাইদ্রবা তুরেল, অদুতদা লৈঙানি লৈক্রুক চৎলবা মালেমদা লাইরেবাক্কী নুংভাইবা।

(थ) कরল্বা নूमिত্তা মীওইবা জাতিগী অরাবা অসি পুমবোক কোক্কদগে ?
(গ) করন্ধা মতমদা মালেম অসিদা লাইরৈবাক্فী নুংভাইবা অদু ফংবা ঙমগদগে ?

$$
\begin{gathered}
\text { কাঙ্ুপ্প - ‘घ' } \\
\text { (টেঅ্স বুক) } \\
\text { (মাক - 8०) }
\end{gathered}
$$

১৭। মখাদা পীরিবা রাহংশিং অসিগী অচুম্বা পাউখুম অধ্লু :
(ক) মশিংখাদা নুং লৈ হায়বসি করিগী পাম্বৈনা খংবা ওম্বগে ?
(অ) অক্সরেগী পাম্বৈনা
(আ) ঈ টেস তোবনা
(ই) অनত্রা সাউन्দগী পাম্বৈনা
(ঈ) মীঙোন্দ ঈ পীবনা
(খ) মাদর তেরেসানা কোলকাতাদা থুংলবা মতমদা মশাগী চহি -
(অ) $>8$ खुরম্মী
(আ) $\supset ৮$ खুরস্মী
(ই) ২১ শুরম্মী
(ঈ) ২৩ چরম্মী
১৮। অয়াম্বা মতমদা ঈ-পাউ थাবগী থবক অসি কপা কনাগী ওইনা তৌরকখিবগে ?
১৯। মশিংখাদা নুং রুইনা লৈরবদি করি লায়না ওইহল্ধকপা য়াবগে ?

২১। মমাংঙৈদা মণিপুরগী মীশিংনা মপাল ไৈবাকশিংদা করম্মা চৎনরম্বগে ?
২২। তোল্ধবা কণা নৈজদ্রবশিংগীদমজ্জা মাদর তেরেসানা করি করি তৌরম্বগে ?
২৩। थায়নগী মুনি ঋষিশিংগী আশ্রমদা শা-উচেকশিংন্না করযমা লৈমিম্মবগে ?
২8। ইংশোক ১৯৩৯গী লৌরোক পষ্ঠদা খ্বাইরম্বন্দ কৈথেলগী ইমা-ইবেলশিংনা মিপাইখিবগী মরম করিনো ? २


 दूरामোকচরণে।

> নৎब্রগা
（凶）‘‘नষুखा לৈरে।
जৌৈম
করি র্রাৎপগে নঙশী
बाরभीনো নঙना র্রারিবা ।＂

মপুগी মভ্তনা তম্মগে।＂
শশরেः মতেক অসিনা করি হায়রিবনো হায়ব্দু শশ্মা ইয়ু ।
নৎ্রগা
（凶）＂
＇‘とৌরি য়ান্দুনা শিজরেদো’ হায়রিবা রারোলসিগী নুহগী ওইবা রাহচ্ছোক অদू তাকউ ।

दো খুরা ！হো তাদা ！
ওছোক্রা ফজ্জখরে নچোয়সে ！
শৈরেঃ মত্তে অসিনা পুরিবা র্রাহচ্ঘোক অদু ফোহদোকঁ।
নৎब্রগা
（凶）＇ननाईमा भीनরে মক্রুবা ब্ৗীজাল




২৯। য়াওফম মরী মথোঙ তাক্রুনা শन্দোক্সা ইয়ু :
 नीংশিংল্লকই।"

নৎত্রগা

৩○। (ক) মशৌশানা খঙনা চাম্মবা মরুপ নত্রবসু ঙাইহাক অদুগী মরুপপুসু মরুপ নজ্তে হায়বা ঙমদে ।’’ হায়বা র্রাফমসি করিনো ?

নৎত্রগা
(ঋ) চাউবগী মুৎनগে তৌরম্নবা पম অদু অমুক च:চাক হেক চাকথৎলকभ্রিবদু করিগীনো ?
৩)। (ক) মচা মঙানা চহী তরানিথোই বন চৎখ্রবা মতুংদা কুষ্টীনা করম তৌনা হিংখি ?

নৎত্রগা
(খ) কুঠ्ठीना কर्ণদা করম্মা মহাকমমানি হায়ना তাকখি ?
৩২। মশাগী ওইজবা কা-হেম্মা থিবা মীতাগা মরুপ ওইরোইদবনি হায়বসিগী মতাংদা শন্দোক্সা ইয়ু ।

# 2023 <br> MATHEMATICS <br> Full Marks - 80 <br> Time - 3 Hours 

## General Instructions :

(i) All questions are compulsory.
(ii) Figures in the margin indicate marks.
(iii) In question on construction, the drawing should be neat and exactly as per the given measurements.
(iv) Use of calculator is not allowed.

1. Choose the correct answer :
(a) The sum to be paid in cash under an instalment plan at the time of purchase of an article is called -
(i) cash price
(ii) cash down payment
(iii) instalment
(iv) principal
(b) Kunga covers 15 km in 3 hours, the distance covered by him in 8 hours is -
(i) 28 km
(ii) 45 km
(iii) 40 km
(iv) 120 km
(c) Mawii can do a piece of work in 10 days which Liani can do in 15 days. The time taken by them, working together on it, is -
(i) 6 days
(ii) $\frac{1}{6}$ days
(iii) 30 days
(iv) 25 days
(d) The expression $\frac{x^{2}+7 x+12}{x^{2}-6 x-27}$ in its lowest term is -
(i) $\frac{x+4}{x-3}$
(ii) $\frac{x-4}{x+3}$
(iii) $\frac{x+4}{x-9}$
(iv) $\frac{x-4}{x+9}$
(e) The zeroes of the polynomial $x^{2}-2 x-8$ are -
(i) 4 and - 2
(ii) -4 and 2
(iii) 4 and 2
(iv) -4 and -2
(f) The quadratic equation $2 x^{2}-3 x+5=0$ has -
(i) two equal real roots
(ii) no real roots
(iii) two unequal real roots
(iv) None of these
(g) The $10^{\text {th }}$ term of the AP: $17,14,11$ $\qquad$ is -
(i) -10
(ii) 10
(iii) -7
(iv) -40
(h) In the given figure, BC is a diameter of the circle with centre O and PAT is the tangent at $A$. If $\angle A B C=38^{\circ}$, then $\angle B A T$ is equal to -
(i) $42^{\circ}$
(ii) $48^{\circ}$
(iii) $52^{\circ}$
(iv) $55^{\circ}$

(i) From a point $Q$, the length of tangent to a circle is $2 \sqrt{7} \mathrm{~cm}$ and the distance of $Q$ from the centre is 8 cm . The radius of a circle is -
(i) 6 cm
(ii) 11 cm
(iii) 15 cm
(iv) 34 cm
(j) The lengths of the diagonals of a rhombus are 16 cm and 12 cm . Then the length of the side of the rhombus is -
(i) 10 cm
(ii) 9 cm
(iii) 8 cm
(iv) 20 cm
(k) If AB is a diameter of a circle with centre $(2,-3)$ and point A is $(3,-10)$, what are the coordinates of point $B$ ?
(i) $(-1,4)$
(ii) $(4,1)$
(iii) $(1,4)$
(iv) $(-4,1)$
(1) The distance between the points $\mathrm{A}(-5,8)$ and $\mathrm{B}(0,-4)$ is -
(i) 13 units
(ii) 12 units
(iii) $\sqrt{14}$ units
(iv) $\sqrt{119}$ units
(m) A point P divides the join of $\mathrm{A}(5,-2)$ and $\mathrm{B}(9,6)$ in the ratio $3: 1$, the coordinates of $P$ are -
(i) $(4,8)$
(ii) $(8,4)$
(iii) $(-8,3)$
(iv) $(4,3)$
(n) The value of $\sec ^{2} 50^{\circ}-\cot ^{2} 40^{\circ}$ is equal to -
(i) 0
(ii) 1
(iii) 2
(iv) 10
(o) $(1+\sin \theta)(1-\sin \theta) \sec ^{2} \theta$ is equal to -
(i) 0
(ii) 1
(iii) -1
(iv) $\cos ^{2} \theta$
(p) 2 cubes each of 5 cm edge are joined end to end, the volume of resulting cuboid is -
(i) $125 \mathrm{~cm}^{3}$
(ii) $150 \mathrm{~cm}^{3}$
(iii) $200 \mathrm{~cm}^{3}$
(iv) $250 \mathrm{~cm}^{3}$
(q) If an area of a circle is numerically equal to its circumference, then the radius of the circle is -
(i) 2 units
(ii) 3 units
(iii) 4 units
(iv) 5 units
(r) The length of the longest rod that can be placed in a room 12 m long, 9 m broad and 8 m high is -
(i) 13.2 m
(ii) 15 m
(iii) 17 m
(iv) 18.2 m
(s) The number of balls each having radius 3 cm that can be made from a solid sphere of radius 6 cm is -
(i) 8
(ii) 12
(iii) 24
(iv) 27
(t) Formula for finding curved surface area of a right circular cylinder is -
(i) $2 \pi r h$
(ii) $2 \pi r^{2} h$
(iii) $\pi r^{2} h$
(iv) $2 h r(h+r)$
(u) A card is drawn at random from a well shuffled deck of 52 cards. Then the probability that the card king is drawn is -
(i) $\frac{1}{13}$
(ii) $\frac{1}{26}$
(iii) $\frac{2}{13}$
(iv) $\frac{3}{26}$
(v) If $A=\{a, b, c, d\}$, how many subsets are there in the power set of $A$ ?
(i) 32
(ii) 24
(iii) 16
(iv) 8
(w) In a group of 80 people, 37 like coffee, 52 like tea and 19 like both. The number of people who like neither coffee nor tea is -
(i) 10
(ii) 61
(iii) 70
(iv) 71
(x) Use the Venn diagram shown in figure to find the set $\mathrm{X}-\mathrm{Y}$.

(i) $\{\mathrm{a}, \mathrm{c}, \mathrm{e}\}$
(ii) $\{\mathrm{a}, \mathrm{b}, \mathrm{d}\}$
(iii) $\{\mathrm{f}, \mathrm{g}, \mathrm{h}\}$
(iv) $\{\mathrm{c}, \mathrm{b}, \mathrm{d}\}$
2. Answer the following questions :
(a) If the remainder when $x^{3}+2 x^{2}+k x+3$ is divided by $(x-3)$ is 21 , find the value of $k$.
(b) Savanah travelled a distance of 61 km in 9 hrs . She travelled partly on foot at $4 \mathrm{~km} / \mathrm{hr}$ and partly on bicycle at $9 \mathrm{~km} / \mathrm{hr}$. What is the distance travelled on foot?
(c) Find the roots of the quadratic equation $4 x^{2}+4 \sqrt{3 x}+3=0$.
(d) Find the sum of the first hundred even natural numbers which are divisible by 5 .
(e) ABC is a triangle in which $\angle \mathrm{A}$ is bisected by AD meeting BC at D such that $\mathrm{BD}=\mathrm{DC}$. Prove that $\triangle \mathrm{ABC}$ is isosceles.
(f) A tangent PQ at a point P of a circle of radius 8 cm meets a line through the centre O at a point $Q$ such that $O Q=17 \mathrm{~cm}$. Find the length of $P Q$.
(g) In a right isosceles $\triangle A B C$, right angled at $C$, the vertices of $A$ and $B$ are ( $-1,2$ ) and $(3,2)$ respectively. Find the ' $x$ ' coordinate of the third vertex, i.e., C.
(h) Prove that: $\tan 1^{\circ} \tan 2^{\circ} \tan 3^{\circ} \ldots \ldots \ldots . . \tan 89^{\circ}=1$
(i) Volume of a cube is $8 \mathrm{~cm}^{3}$. If the breadth and height of a cuboid are 1 cm each, find the length of the cuboid if its volume is the same with that of the cube.
(j) The pie-chart gives the marks scored in an examination by a student. If the total marks scored by the student is 540 , answer the following questions -
(i) In which subject did the student score 120 marks?
(ii) How many marks did the student score in English ?

3. A loan has to be paid back in two equal annual instalments. If the rate of interest is $15 \%$ per annum, compounded annually and each instalment is Rs 2645 , find the loan and total interest charged.
4. Find the HCF and LCM of the polynomials $6\left(x^{2}+6 x+8\right)$ and $2 x^{2}-32$.
5. (a) Using ruler and compass only, construct a $\triangle \mathrm{ABC}$ in which base $\mathrm{BC}=6 \mathrm{~cm} . \angle \mathrm{A}=60^{\circ}$ and median through A is 4.5 cm long. (Steps of construction not required)

## OR

(b) Using ruler and compass only, construct a $\triangle \mathrm{ABC}$ in which $\mathrm{AB}=4 \mathrm{~cm}, \mathrm{BC}=5 \mathrm{~cm}$ and $\mathrm{AC}=6 \mathrm{~cm}$. Now, construct a triangle similar to $\triangle \mathrm{ABC}$ such that each of its sides is $\frac{3}{4}$ the corresponding side of $\triangle \mathrm{ABC}$.(Steps of construction not required)
6. (a) Find the ratio in which the $y$-axis divides the line segment joining the points $A(5,-6)$ and $B(-1,-4)$. Also find the points of intersection.

## OR

(b) Prove that the points $\mathrm{A}(0,0), \mathrm{B}(0,5), \mathrm{C}(6,5)$ and $\mathrm{D}(6,0)$ are vertices of a rectangle.
7. Prove that : $\frac{\cos ^{2} \theta}{(1-\tan \theta)}+\frac{\sin ^{3} \theta}{(\sin \theta-\cos \theta)}=1+\sin \theta \cos \theta$
8. The angles of depression of two ships from the top of a lighthouse are $45^{\circ}$ and $30^{\circ}$ towards east. If the ships are 200 m apart, find the height of the lighthouse. Take $(\sqrt{3}=1.73)$. 3
9. (a) A container, opened from the top and made up of a metal sheet, is in the form of a frustrum of a cone of height 16 cm with radii of its lower and upper ends as 8 cm and 20 cm respectively. Find the cost of the milk which can completely fill the container at the rate of Rs. 20 per litre. (Take $\pi=3.14$ )

## OR

(b) A solid is in the shape of a cone surmounted on a hemisphere, the radius of each of them is 3.5 cm and the total height of solid is 9.5 cm . Find the volume of the solid.
10. Solve the following system of linear equations graphically :

$$
2 x+3 y=8 \text { and } x-2 y+3=0
$$

Also find the points where the lines meet x -axis.
11. (a) A line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points. Prove that the other two sides are divided in the same ratio. Also, in triangle $\mathrm{ABC}, \mathrm{D}$ and E are points on the sides AB and AC respectively such that $\mathrm{DE} \| \mathrm{BC}$. If $\mathrm{AD}=2 \mathrm{~cm}, \mathrm{DB}=3 \mathrm{~cm}$ and $\mathrm{AE}=4 \mathrm{~cm}$, find EC .
(b) I'rove that the angle anbtended by an are at the centre is domble the angle subtended by it at any peime on the remainine part of the etre Alace in the eiven fienere, $A$, It and (' are lloree pointa on the elrcle wilh centre ${ }^{\prime}$ )



1: I ind the median from the following data

| 1 latsa luterval | 10 | 20 | 20 | 30 | 10 | 40 | 40 | 50 | 50 | 60 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| liequency | 10 | 12 | 15 | 7 | 6 |  |  |  |  |  |

Also, find the mean usinge empirieal formula if mode is 22.4.

## 2023

## MIZO

## Full Marks - 80

## Time - 3 Hours

## Hriat turte :

(i) Zawhna zawng zawng hi chhan ngei ngei tur a ni.
(ii) Zawhna tin mark put zât chu a zawnah tarlan zêl a ni.
(iii) Chhan dawnin zawhna nambar ziah zêl tur a ni.

## T़HEN KHATNA - HLA (18 Marks)

1. A dik ber hmangin dah khat rawh :

$$
4 \times 1=4
$$

(a) Zoram $\qquad$ pâr lo niin. (bawmtu / mawitu / entu)
(b) Hlim taka inhmu leh hi $\qquad$ a ni. (âr ang vai / tawn leh ni /dâr ang tawng)
(c) 'Kum sûl liam hnu' tih hla phuahtu chu $\qquad$ a ni. (C. Lalkhawliana / C. Chhuanvawra / P.S. Chawngthu)
(d) 'Mausâm' tih awmzia chu $\qquad$ a ni. (duhthusam / luah / hnawl)
2. (a) A hnuaia hla thu hi Mizo țawng tluang pangngaiin dah rawh :

Tunah ngei hian an dung thûl leh ang $u$,
Lung kan rual chuan kan hnam a him ngei ang.
(b) 'Hmangaihna' tih hla phuahtuin a hmangaih leh duh tak chu nupui atan nei thei lo mah se a chunga lawm zel a tum chhan kha han sawi teh.
(c) 'Zirtu kawng' tih hla in zir aṭangin zirlai hlawhtling tak i nih theihna tura i hma lak dan tur han sawi teh.
3. A hnuaia hla thu hi a tobula chhuiin hrilh fiah rawh : 3

Khua hmuna lêng chhingkhual râltiang an chang ta, Ka ngai nun hlui lawmna chul hnu leh chatuan ram khi
4. 'Chhingkhual len mawi' tih hla phuahtuin eng ang mi nge a tawn ? Khawi hmunah nge a tawn sawi la, a mi tawnin a thinlung a khawih dan kha sawi bawk rawh.

```
1+1+3=5
```


## ȚHEN HNIHNA - THU (18 marks)

5. Kualkhung chhunga zawhna ang zelin chhang ang che : $4 \times 1=4$
(a) Tlangval tlawmngai leh huaisen zualte chu bawhbel/âwkpaka bulah an nghar mut ṭhin. (A dik zawk thlang rawh)
(b) Hlawhtlinna dâltu lian tak pakhat chu $\qquad$ hi a ni. (In zirlai bua mi angin dah khat rawh)
(c) 'Tui hnuk nung' chu tui tamna hmun / lui zau tak/tuihna put reng a ni. (A dik ber thlang rawh)
(d) Kalkawngah nau paite leh nau pawmte i tawhin kawng kiantuah ṭang ṭhin ang che. (A dik nge dik lo sawi rawh)
6. Zikpuii Pain lehkha zira chak taka hmasawn harsatzia a sawi dan kha sawi la, ‘lehkha zir’a sawifiah dan kha sawi bawk rawh. $\quad 1+2=3$
7. 'Peihna'tih ziaktuin kan hlawhtlin lohna chhan awm chhun a tih kha eng nge sawi la, 'Peih chhunzawm zel a va han ṭha em !' a tih kha sawi bawk rawh. $\quad 1+2=3$
8. I thian kawm ngeih tak maiin HIV/AIDS a kai tih i hre chhuak a, a lakah eng ang rilru nge i put ang tih, in zirlaia "Ral a lian e !" tih behchhanin han sawi teh.
9. Mizote hi tawng lamah eng țawng hlawma awm nge kan nih sawi la, engtik kumah nge Kansu bialah an chen? Lên tlâng leh TTiau inkara an khawsak dan tlangpui sawi rawh. $\quad 1+1+3=5$
10. Kualkhung chhunga zawhna ang zel hian chhang rawh :
(a) Ka bulah zêl awm ang che. (Postposition thlang chhuak rawh)
(b) Lehkhabu azawngah Bible hi a hlu ... (Superlative degree hmangin dah khat rawh)
11. (a) Adjectival adverb sawifiah la, a tichiang turin entirna pahnih pe rawh. $1+1=2$
(b) Adjective ṭhenkhat chu verb-a kan hmanin a lam rik dan kan tidanglam ṭhin a, chutiang thumal chu pahnih sawi la, a tichiang turin thu phuah nan hmang nghal rawh. $\quad 1+1=2$
12. A dik ber thlang rawh :
(a) Kal sâwt thei lo hi tawng upain $\qquad$ a ni. (Satel mau la ang / rih artui phur ang / a rana rana lo)
(b) Khawvar lam arsi ang tih hi $\qquad$ a ni. (thil la chiang lo/ duh dan thuhmun / khât pharh)
13. A kar awlte hi tawngkam dik zawkin dah khat rawh :
(a) Second Term exam ka $\qquad$ mek. (pe / bei / hmachhawn)
(b) Mizoten July thla hi $\qquad$ thla kan vuah. (Vawkhniakzawm/Vawkhniakzawn / Vawkhniahzawn)

## ȚHEN LINA - LEMCHAN ( 6 marks)

15. Kualkhung chhunga a dik ber hmangin a kar âwlte hị dah khat rawh: $3 \times 1=3$
(a) Hrilmawii ru botute chuan Pathianni $\qquad$ zan inkhawm ban chu an hun tiam hnuhnung ber a ni. (29.4.1998/28.3.1998/29.3.1998)
(b) Rothangliana chuan waiter hnenah $\qquad$ lei nan Rs 500 note a pe a. (meizial/zû/ pankhawr)
(c) Lalnghakliana'n hliam a tawrh lai hian kum $\qquad$ a ni. ( $22 / 23 / 24$ )
16. Vanphunga khan Police chungchangah khan eng nge thlamuanthlak a tih? S.P-in Vanphunga hnenah, "Hrilmawii i biak hmain thil pakhat ka hrilh ang che" a tih kha eng thu nge ni han sawiteh.

$$
1+2=3
$$

## THEN NGANA - THAWNTHU TAWI (5 marks)

17. A kar âwlte hi kualkhung chhunga a dik ber hmangin dah khat rawh :

$$
2 \times 1=2
$$

(a) Pasalṭhaho chuan mualah ralthuam kima inthuamin an $\qquad$ a. (muallam / hringlam / hrânglam)
(b) Mihrang filawrte chawimawi nana an khimtir ṭhin chu $\qquad$ a ni. (arkeziak / ṭhimkual/ zawngchal)
18. Zûdapa zû rui khan khawi aṭangin nge a nupui a rawn koh? Zûdapa chanchin aṭangin zû in ṭhat lohzia Ţakimin a sawi dan kha han sawi teh.

## THEN RUKNA - CHHIAR (5 marks)

19. A hnuaia thu hi ngun takin chhiar la, a thu behchhanin a tawpa zawhnate hi chhang ang che : Keimaha ram hrang hranga thusawi tura ka zin vel ṭhinnaah chuan ka bula mi ṭawng duh ve tak mai an țhut fuh chang chuan nuam ka ti ṭhin. Mi nungchang hi zir nuam ka tih vang pawh a ni mai thei. Nitina ka hmuh leh hriat, ka ngaihthlak aṭang hian thil tam tak ka lo zir chhuak ṭhin. TV show-ah 'Oprah' leh 'Geraldo Programme' anga lungchhiatthlak leh nuih tiza pawh ka tawng nual țhin.

Sawi nuam lo hle mahse, a chang chuan ka bula ṭute chuan an thinrim hrikthlak tum niawm takin mel 600 lai kan thlawh chhung meuh mai chhum lo chat lova min titi khum pawh ka tawng țhin a.Ţum khat pawh ka awm tinuam lo rawk khawpin ka bula ṭhu chuan tun lai ṭhangtharte sual dan leh tlaktlai lo a tihzia min sawi khum hrep maia.

Ka chhuksan hnu chuan tualchhung chanchinbu chhiar pahin ka ṭhu khawmuang a. Chu chanchinbu phek chhung lamah chuan Indiana khuaa mipa naupang kum 15 mi , Brian-a chu thluak natnaa a damloh chanchin hi a lo inziak a, a cancer natna damdawi ei ṭhin avang chuan chu naupang kum 15 mi lek chu a sam a tla kawlh ta vek mai a. Kan chan ni sela kum 15 leka sam han tlak khawlh vek chu suangtuah pawh ka ngam lo. A nuam lo viau ngei ang.

Mahse, vanneihthlak takin a ṭhiante chuan a zahna tur chu thiam takin an rawn thup sak ta daih mai a. A thiante chuan an class-a mipaho chu an nute hnenah an dil angin an ṭhianpa an duhsakna entir nan an sam chu an lo met kawlh lai thlalak leh a bulah chuan an ṭhian dangte chuan lu kawlh vek chung hian an lo thlir ṭhap lai hi a chuang a.

Ka bula ṭhu pa khan tun lai ṭhangtharho sualzia kha min sawi khum hrep mah se, kei chuan a takin kan tun lai ṭhangtharte inhmangaih dan hi ka hmuhin ka lungngai lo.

## Zawhnate:

(a) He thu ziaktuin zir nuam a tih chu ___ a ni. 1
(b) Tum khat a a zin kawnga a awm tinuam lo rawk khawpa a thil tawn chu ___ a ni. 1
(c) Brian-a lu kawlhna chhan chu ___ a ni. 1
(d) Brian-a ṭhianten an ṭhianpa an duhsakzia entir nan eng nge an tih han sawi teh. 2

## ȚHEN SARIHNA -ZIAK (8 marks)

20. A hnuaia thupui iduhzowk zawk hmang hian thumal 200-250 vel hmangin essay han ziak teh : 5
(a) Zuk leh hmuam - zirlaite hmelma
(b) Taimakna
21. Lawmsanga, Secretary, Khawnuam High School Energy Club i ni a, HSLC exam lo awm tura tha taka in inbuatsaih theihna turin, electric eng ṭha tak in neih theih nan Minister, Power \& Electricity Department, Mizoram hnenah dilna han ziak teh.

## ȚHEN RIATNA - RAPID READER (8 marks)

22. Khawnglung run tura an chhuah khan khawi hmunah nge an innghah khawm? Khawnglung lal chhungkaw zinga an mante kha tute nge? $1+1=2$
23. 'Khawnglung run' thawnthu in zir aṭangin indona avanga ram leh chhungkuain a tawrh theih dan nia i hriat han sawi teh. 3
24. Chala’n Lianvawra laka Thangi a chhanchhuah ṭuma Thangi a zilhna kha han sawi teh. 3

## 2023

## NEPALI

Full Marks - 80
Time - 3 Hours

## General Instrwctions :

(2) All questions are compulsory
(ii) Figures in the margin indicate marks.
(iii) Write your answers neatly and legibly
(iv) While attempting a question, write the question number as given in the question paper
खण्ड - 'क' (पठन)

तलका गद्यांश पढ्ढेर त्यसको मुनि दिइएका प्रश्नहरको उत्तर सरल भाषामा लेख :
परिश्रिमलाई उन्नतिको मूल साधना मानिएको छ। परिश्रमी विद्यार्थीलाई न माता-पिता तथा गुरुजनका अपशब्दको त्रास रहन्छ न परीक्षामा असफलताको। उ सबैको प्यारो रहन्छ अनि परीक्षा एवं अन्य कार्यमा सफलाताले उसको चरण चुम्छ। तर जुन विद्याथी आलस्यको दास छ, उसले सदैव सबैका अपशब्द र अवहेलनाको पात्र बन्तुपच्छ। परिक्षा तथा अन्य क्रियासंग भयातुर बन्नुपछ अनि पाइला - पाइलामा असफलताको सामना गर्नुपई । परिश्रमी व्यक्तिको जीवन कस्तो हुन्छ सो इश्वरचन्द्र विद्यासागर जस्ता महान व्यक्किको जीवनीबाट थाहा लाग्छ ।
(क) परिश्रमलाई उन्नतिको मानिएको छ ।
(ख) परिश्रमी विद्यार्थीलाई न माता-पिता तथा गुरुजनका अपशब्दको $\qquad$ रहदैन ।
(ग) परिश्रमी विद्यार्थी $\qquad$ प्यारो रहन्छ ।
(घ) परीक्षा एवं अन्य कार्यमा $\qquad$ उसको चरण चुम्छ ।
(ह) आलस्य विद्यार्थी सदैव सबैका $\qquad$ पात्र बन्तु पई ।
(च) कसको जीवनी बाट परिश्रमी व्यक्तिको जीवनीबारे थाहा पाइन्छ ।
(छ) परिश्रमी कसरी सबैको प्यारो हुन्छ ?
खण्ड — 'ख’ (व्याकरण र रचना)
2. सही उत्तर छानेर लेख :
(क) थोरे दिन मात्र बाच्ने। (अल्पायु / दीर्घायु)
(ख) ‘दिवाको’ विपरीतार्थक शब्द। (दिउँसो / रात्री)
(ग) 'चाँडो' को पर्यायवाची शब्द (शीघ्र / खूब)
3. खाली ठाउँ भरेर उखानहरु पूरा गर :
(क) एक पन्थ दुइ _(काज / चार)
(ख) आफू बुड़ो _ बुड़ो। (सब / जग)
(ग) कालो अक्षर बराबर। (भैंसी / हात्ती)
4. तलका कुनै एक अनेकार्थक शब्द चलाएर भिन्दा भिन्दै अर्थ निस्कने गरी वाक्य रचना गर :
(क) उत्तर
(ख) हार
5. तलका कुनै एक वार्धारा प्रयोग गरी अर्थ स्पष्ट हुने गरी वाक्य रचना गर :
(क) आगो हुन
(ख) प्वाँख लाग्तु
(ग) कान द्नु
6. तलका कुनै दुइको सार शब्द लेख :
(क) चालीस वर्षमा लागेको।
(ख) लोकमा नहुने ।
(ग) धान रोप्दा गाउने गीत।
7. तलका कुनै एक जोड़ी भिन्नार्थक शब्दको भिन्दा-भिन्दै अर्थ बुझाउन दुई वाक्य रचना गर :
(क) देखि
देखी
(ख) हाड़
हार
(ग) ढोका
धोका
8. मानिलेउ तिमी मिजौराम गोर्खा विद्यार्थी संघका सचिव राम ही। आगामी दिनांक 18 मार्च 2023 (शनिवार) को दिउँसो एघारह बजे संघको भवन, आइजोलमा लाते भकुण्डो र कोष उपार्जन बारे विघार विमर्ष गर्न कार्यकारिणीको बैठक डाकिएको जनाउदै एउटा बैठक सुचना - पत्र तयार गर ।
9. कुनै एक विषयमा लगभग 200 शब्दको निबन्ध रचना गर :
(क) मोबाइलको उपयोगिता
[रुपरेखा : भूमिका - उन्नतिको साधन - आवश्यकता - लाभ - हानि - उपसंहार]
(ख) आइजोलमा भानु-जयन्ती
[रुपरेखा : भूमिका - कहिले, किन मनाइन्छ - कसरी मनाइन्छ - महत्त्व-उपसंहार]
खण्ड - 'ग' (साहित्य)
10. तल दिएका प्रश्नहरको एक-एक वायमा उत्तर लेख :
(क) रनेको पूरा नाउँ के थियो ?
(ख) गान्धीको हत्या कसले गर्यों ?
(ग) पारसमणि प्रधान पेशाले के हुनुन्थ्यो ?
(घ) शिक्षा भनेको के हो ?
(ङ) रनेको झगड़ा कोसित भएको थियो ?
(च) विनयी व्यक्ति कस्ता हुन्छन ?
11. सही शब्द छानी रितो ठाँउ पूर्ण गर :
(क) रनेले $\qquad$ वर्षमात्र टेकेको थियो । $(22 / 25)$
(ख) गान्धी ₹ चालींको $\qquad$ भेट भयो। (लण्डनमा/भारतमा)
12. गान्धीले किन असहयोग आन्दोलन शुरु गरे ? 2
13. (क) शिक्षाका कति मार्ग छन अनि ती के के हुन ?

अथवा
(ख) डा. पारसमणि प्रधानको चर्चा गर्दा उहाँलाई नेपाली व्याकरणाचार्य भने हुन्छ । उत्त कथनलाई पाठको आधारमा स्पष्ट गर ।14. लाहुरे मरेको कुरा थाहा भएपछि रनेले के गर्यो ?
(क) एकात्म (आमा)
(ख) अमृत-जिहवा (भानुभक्तप्रति)
(ग) सहिष्णुता (एउटा नयाँ विश्व जन्माउन लगाउँछु)6
15. तलका वायाशहरको अर्थ सरल भाषामा लेख
16. लेखनाथ पौड्याललाई

$\qquad$
पनि भनिन्छ ?
(महाकवि / कविशिरोमणि / कवि)
17. कवयित्री अनामिका राईले कस्तो अलग धर्म सृजना गर्ने अठोट गरेकी छन । ..... 2
18. भानुभक्तले लेखेको रामायणलाई त्यतिबेला कसैले किन ध्यान दिएन्न ? ..... 3
19. कुनै एकको सप्रसंग व्याख्या गर : ..... 4
(क) भाषा त्यो सब बोल्छौ जुन तिमी बोल्थ्यौ तिमी काखमा
आमा! ईश्वरको तिमी प्रतिक हौ संसारको खाड़ीमा

## अथवा

(ख) खोरको ठन्नीभित्र बसी
जहाँ मानिस रुन्छन, कराउँछन,
अथवा बेसुरा आलापमा, नीरस गाली दिन स्रछन ।20. ताराले भनिन, "अब तलाई बाले चुरोट खान दिने रे"। यो व्मय ताराले किन भनिन ? यसको गोपालमाथि कस्तो प्रभावभयो ?4
21. 'निबन्धकार किन आफ्नो तस्वीर हेन खूब मन पराउँछन ? ..... 4
22. ड्रटर बन्दा के के कुराको लाभ हुन्छ ? पाठको आधारमा लेख ।4

2023

## SCIENCE

(Theory)

## Full Marks - 70 <br> Time - 3 Hours

## General Instructions :

(i) All questions are compulsory.
(ii) All diagrams should be drawn neatly.
(iii) Write the number and sub-number of the question before attempting it.
(iv) Figures in the margin indicate marks.

## SECTION -A (PHYSICS) 24 Marks

1. Choose the correct answer from the given options :
(a) The refractive index is highest in -
(i) air
(ii) water
(iii) diamond
(iv) glass
(b) The beam of light enters the eye through -
(i) pupil
(ii) iris
(iii) retina
(iv) cornea
(c) Which of the following terms does not represent electrical power in a circuit?
(i) $I^{2} R$
(ii) $\mathrm{IR}^{2}$
(iii) VI
(iv) $\mathrm{V}^{2} / \mathrm{R}$
(d) Hydrogen bomb is based on the principle of -
(i) Nuclear fusion
(ii) Nuclear fission
(iii) Both (i) \& (ii)
(iv) None of these
(c) The main component of biogas is -
(i) $\mathrm{O}_{2}$
(ii) $\mathrm{CO}_{2}$
(iii) $\mathrm{CH}_{4}$
(iv) $\mathrm{C}_{2} \mathrm{H}_{6}$
2. What is meant by the term 'near point of the eye'?
3. Mention any one advantage of using MCB over traditional fuse.
4. State Ohm's Law. What does the slope of I-V graph represent? $\quad 1+1=2$
5. Give two reasons why biogas is considered an ideal gas.
6. (a) With the help of a ray diagram, determine the nature, size and position of an image formed by a concave mirror when the object is placed beyond C. $11 / 2+1 / 2+1 / 2+1 / 2=3$

## OR

(b) With the help of a ray diagram, determine the position, nature and size of the image formed by a convex lens when the object is placed between $F_{1}$ and $2 F_{1} . \quad 11 / 2+1 / 2+1 / 2+1 / 2=3$
7. (a) With the help of a circuit diagram, establish the relationship for the equivalent resistance connected in series.

$$
1+2=3
$$

## OR

(b) Two bulbs rated 100 W at 220 V and 200 W at 220 V are connected in parallel to a 220 V line. What is the total current drawn by them ?
8. Explain the construction of an electric generator with a suitable diagram. $2+1=3$
9. (a) What is hypermetropia? Explain the two causes of hypermetropia. How can it be corrected ?

## OR

(b) What is atmospheric refraction? Why is the sun visible to us about 2 minutes before the actual sunrise and for 2 minutes after the actual sunset?

$$
2+2=4
$$

## SECTION - B (CHEMISTRY) 23 Marks

10. Choose the correct answer from the given options :

$$
5 \times 1=5
$$

(a) Which oxide will turn red litmus solution blue?
(i) MgO
(ii) $\mathrm{SO}_{2}$
(iii) $\mathrm{CO}_{2}$
(iv) $\mathrm{NO}_{2}$
(b) Which of the following elements would lose an electron most easily?
(i) Cu
(ii) Mg
(iii) Na
(iv) Ar
(c) Which of the following is true ?
(i) $\mathrm{pH}>7$ for an acidic solution
(ii) $\mathrm{pH}<7$ for an alkaline solution
(iii) $\mathrm{pH}=7$ for a neutral solution
(iv) None of these
(d) In the atmosphere, carbon exists in the form of -
(i) Carbon dioxide only
(ii) Carbon monoxide only
(iii) Carbon dioxide and traces of carbon monoxide
(iv) Carbon does not exist in atmosphere
(e) Which of the following is not an allotropic form of carbon?
(i) Diamond
(ii) Graphite
(iii) Methane
(iv) Fullerene
11. What is the valency of Magnesium (atomic no =12)? ..... 1
12. Why does dry HCl gas not change the colour of the dry litmus paper? ..... 1
13. What is a homologous series? ..... 1
14. Iron articles are shiny when new, but get coated with reddish brown powder when left for some time. Give reason. ..... 2
15. What are amphoteric oxides ? Give two examples of amphoteric oxides. ..... 2
16. How is tooth decay related to pH ? How can it be prevented? ..... $1+1=2$
17. What are saturated hydrocarbons ? Give the general formula of alkane. ..... $1+1=2$
18. (a) Define metallurgy. Explain the following terms used in metallurgy - ..... $1+1+1=3$
(i) Gangue
(ii) Roasting
OR
(b) How is baking soda prepared in a laboratory? State any two important uses ofbaking soda. . $1+2=3$
19. (a) An atom $X$ has electronic configuration 2,7.
(i) What is the atomic number of this element?
(ii) To which group and period would it be present?
(iii) What is its valency?
(iv) What type of ion will it form?

## OR

(b) What are decomposition reactions ? Define three types of decomposition reactions.

$$
1+3=4
$$

## SECTION - C (BIOLOGY) 23 Marks

20. Choose the correct answer from the given options :
(a) Which one of the endocrine glands is known as master gland?
(i) Adrenal
(ii) Thyroid
(iii) Pituitary
(iv) Parathyroid
(b) Grafting is not possible in monocot plants because of the -
(i) presence of cambium
(ii) absence of cambium
(iii) presence of xylem
(iv) None of these
(c) The concept of origin of species by natural selection was given by -
(i) Lamark
(ii) Darwin
(iii) Weismann
(iv) Linnaeus
(d) The name of the structural and functional unit of kidney is -
(i) cortex
(ii) medulla
(iii) hilum
(iv) nephrons

## 21. Mention the functions of phloem in plants.

22. What is a food web? ..... 1
23. Why does impulse move in one direction in a nerve? ..... 2
24. Mention any two effects of ozone layer depletion. ..... 2
HS/0034
Contd.
25. (a) Explain vegetative propagation through layering. Name one plant that uses layering for
its propagation. OR
(b) With the help of a labelled diagram, describe the different parts of a flower. $\quad 1+2=3$
26. Briefly state Mendel's finding with respect to -
(a) Dominant and recessive characters
(b) Law of segregation
(c) Law of independent assortment
27. What are the disadvantages of deforestation? 3
28. (a) Describe the structure of nephron with a labelled diagram.
$3+1=4$

## OR

(b) (i) Differentiate between autotrophs and heterotrophs. 1
(ii) Explain the structure of a chloroplast. 3

## 2023

## SOCIAL SCIENCE

## Full Marks - 80

## Time - 3 Hours

## General Instructions :

(i) Answer all the questions.
(ii) Write the number and sub-number of the question before attempting it.
(iii) Figures in the margin indicate marks.

## INDIA AND THE CONTEMPORARY WORLD - II (24 marks)

1. Answer the following questions :

$$
4 \times 1=4
$$

(a) Which society set up by the Greeks aimed to end the Muslim rule ?
(b) Where did the Jallianwala Bagh incident take place?
(c) Who was known as the 'Father of Railway'?
(d) Write one advantage of the Bretton Woods System.
2. Choose the correct answer from the given options : $4 \times 1=4$
(a) Which of the following statements is not correct?
(i) The French Revolution pioneered and popularised the principles of liberty, equality and fraternity.
(ii) Napolean Bonaparte was an English General.
(iii) The term 'liberalism' is derived from the Latin root 'liber' which means 'free'.
(iv) The ideologies of nationalism and liberalism were a product of the Industrial Revolution.
(b) In 1733, John Kay invented -
(i) the water frame
(ii) the spinning mule
(iii) the flying shuttle
(iv) the steam powered locomotive
(c) Which of the following was Gutenberg's first printed book?
(i) The Bible
(ii) Ballads
(iii) Dictionary
(iv) Chapbook
(d) Which of the following statements is correct?
(i) Ishwar Chandra Vidyasagar was the pioneer of the Vernacular press in Bombay.
(ii) Swarnakumari Devi was a famous nationalist and social reformer.
(iii) Johannes Gutenberg played a crucial role in developing Indian Nationalism.
(iv) Raja Ram Mohan Roy was the founder of the nationalist press in India.
3. Write any two factors responsible that led to the Great Depression. 2
4. Write any two advantages of globalisation. 2
5. How did the press help the nationalists in India? 2
6. Explain any three causes behind the rise of nationalism in Europe. 3
7. Analyse the impact of railways on Industrialisation. 3
8. (a) Briefly comment on the peasant movement in India. Give two examples. 4

## OR

(b) Give a brief description of the Salt March undertaken by Mahatma Gandhi with his followers.

INDIA - RESOURCES AND THEIR DEVELOPMENT (27 marks)
9. Answer the following questions : $5 \times 1=5$
(a) What is meant by resource planning?
(b) What are endemic species?
(c) Name the information technology capital of India.
(d) Which mineral is used as a fluxing agent?
(e) What is transportation?
10. Choose the correct answer from the given options
(a) Identity the incorteet statement -
(i) On the basis of origin, natural resources are classitied into two categories.
(ii) Non-renewable resources are exhaustible resources.
(iii) The percentage of Net Sown area in India is 75\%.
(iv) Black soil is also known as regur soil.
(b) Agro based industries obtain their raw materials from -
(i) animals
(ii) agriculture
(iii) forests
(iv) minerals
(c) Underground tanks for storing water in Rajasthan are called -
(i) Tanka
(ii) Paler Pani
(iii) Johads
(iv) Tubewells
(d) Which of the following statements is correct?
(i) Export of manufactured goods helps to bring in valuable foreign artists.
(ii) The iron and steel industry is an example of consumer goods industry.
(iii) Power supply is not an essential requirement of an industry.
(iv) The first cotton textile industry was started in Mumbai.
11. What problems do we face due to the depletion of forests ?
12. 'Iron ore is an important metal used in our modern industry'. Give two reasons.
13. What are the advantages of water as a means of transportation? 2
14. What is rainwater harvesting ? Write its two advantages. $\quad 1+2=3$
15. (a) What are the geographical conditions required to grow wheat? Mention the leading producer State in India.

## OR

(b) Describe any four different forms of farming in India.
16. Draw an outline map of India and insert the following :
(a) River Godavari
(b) Aravalli range
(c) Digboi
(d) Wular lake
(e) Vishakapatnam
(f) Indira Gandhi International Airport

## DEMOCRATIC POLITICS - II (12 marks)

17. Choose the correct answer from the given options : ..... $3 \times 1=3$
(a) A patriarchal society is one where -
(i) society is controlled by women
(ii) men dominate society
(iii) men and women share equal power
(iv) women dominate men
(b) Democratic governments are $\qquad$ in nature.
(i) responsive
(ii) unresponsive
(iii) meticulous
(iv) excellent
(c) The system of government in India is -
(i) Oligarchy
(ii) Dictatorship
(iii) Democracy
(iv) Theocracy
18. What is meant by a manifesto ? 2
19. Explain the challenges to democracy in India.
20. (a) How is power shared among different organs of Government of India? 4

OR
(b) Discuss the Centre-State relationship. 4

UNDERSTANDING ECONOMIC DEVELOPMENT - II (12 marks)
21. Choose the correct answer from the given options : $3 \times 1=3$
(a) The number of children who die before the age of one year -
(i) Literacy
(ii) Human Development Index
(iii) Infant Mortality
(iv) Purchasing Power Parity
(b) The most common route for investments by MNCs in countries around the world is to -
(i) set up new factories
(ii) form partnership with local companies
(iii) buy existing local companies
(iv) expand communication facilities.
(c) The policy of reducing regulations formulated to restrict the operation of the private sector is known as -
(i) Mixed economy
(ii) Liberalisation
(iii) Globalisation
(iv) Privatisation
22. What is meant by Social infrastructure? 2
23. Discuss some of your duties as a consumer when you buy goods from Millenium Shopping Centre. ..... 3
24. (a) Explain various stages in the evolution of money. ..... 4
OR
(b) How are the terms of credit offered by the informal and formal institutions different?

DISASTER MANAGEMENT (5 marks)
25. What does the term HAM stand for? ..... 1
26. State any two roles of community in disaster management. ..... 2
27. Write two things you should do when a person falls unconscious or faints. ..... 2

## 2023

## ENGLISH

## Full Marks - 80

## Time - 3 Hours

## General Instructions :

(i) This question paper is divided into four sections - A, B, C and D.
(ii) All the sections are compulsory. Answer all the questions.
(iii) Write the number of the question before attempting it.
(iv) Marks for each question are indicated against it.

## SECTION - A : Reading (10 marks)

1. Read the following passage carefully and answer the questions that follow :

In one of the great cities, a large factory building caught fire. Hundreds of girls, working on the upper floors, were in danger of death. The flames and the blazes were rolling up the fire escapes, cutting off all avenues of escape.

The crowd stood on the outside waiting for the firemen to arrive !
In that crowd was a young man who was different from all the others. He took in the situation, hurriedly measured the distance with his eyes from the burning building to another building just across the alley, then, just as if he were in full charge he began to give orders to the bystanders and in a few minutes he had rustled a crew of six strong men.

He led the way and they followed him to the top of the adjoining building. On his way up he had picked up a rope and his six followers had torn down a billboard and carried the planks to the top of the other building.

This self-appointed leader threw one end of the rope to a woman in the window of the burning building and instructed her to fasten it. He scaled the rope, carrying one end of a plank with him. His six helpers pushed out the boards they had carried up and soon they had completed a very substantial bridge from one building to the other.

When the firemen arrived, nearly one-third of the occupants of the burning building were out of danger !

Leadership is something which seldom comes by invitation. It is something which you must invite yourself into. In every business there is a fine opening for a first-class leader. But, he must be a man who is willing to do the thing that ought to be done without someone telling him to do it.

Anybody could have had that glorious job as leader, merely by stepping up and taking it, but the fact remains that only one man out of the whole crowd saw the opportunity and was willing to take the risk that went with it.

Leadership means responsibilities, it is true, but the most profitable work usually is that which shoulders the greatest responsibility on a man. Wherever there is work to be done you can find a chance to become a leader. It may be humble leadership, at first, but leadership becomes a habit and soon the most humble leader becomes a powerful man of action and he is then sought for greater leadership.
1.1. On the basis of your reading of the above passage, answer the following questions briefly :
(a) Why were hundreds of girls trapped in the large factory building?
(b) How was the young man different from the rest of the crowd?
(c) How can one become a great leader?
1.2. Choose the most suitable antonym :
(a) hurriedly
(i) idly
(ii) rashly
(iii) hastily
(iv) quickly
(b) seldom
(i) rarely
(ii) hardly
(iii) scarcely
(iv) often
1.3 Based on the passage above, fill in the missing word on how the substantial bridge was made.

$$
2 \times 1=2
$$

The young man picked up a rope and his team carried the (a) $\qquad$ of the billboard to the top of the other building. The young man threw one end of the rope to a woman in the burning building. She, then, fastened the rope following the (b) $\qquad$ given to her by the young man. He scaled the rope, carrying one end of a plank with him. His team pushed out the boards. They had completed a very substantial bridge.
2. (a) You are Remmawia of Taitesena High School. The Adventure Club of your school has gone to Phawngpui Tlang on a school trip for a week. Write a postcard to your parents, mentioning your experiences, the beauty of the place and your activities in not more than 50 words.

## OR

(b) Read the following telephonic conversation between Mrs. Zopari and Kima. As she is leaving home soon, she leaves a message. Write the message in not more than 50 words. 5

Kima : Hello ! May I speak to Sanga ? I am his friend, Kima.
Mrs Zopari : I am sorry but my son is not at home. He has gone out with his father.
Kima : We have arranged a cricket match and we wanted him to play on our side. Please tell him that the match will start at 10:00 A.M. today at Durtlang Field.

Mrs Zopari : I won't be able to meet him, but I will leave him a message.
Kima : Thank you. Please tell him to bring his cricket gear and our Club jersey.
Mrs Zopari : Yes, I will remember that.
3. You are Rohlupuia, Student Leader of Neuva High School. Write an article to be published in your school magazine on the topic "Growing use of Mobile Phones and its positive and negative impacts on students." (Word limit : 150-200 words)

## SECTION - C : Grammar (15 marks)

4. Fill in the blanks with the suitable form of the verbs given in the bracket : $4 \times 1=4$
(a) Mawii__music class every Saturday last month.
(attend / attends / attended / attending)
(b) Fela ___when the thief entered his house.
(study / studies / is studying / was studying)
(c) The need of the hour __ to conserve and protect our environment. (is / are / was / were)
(d) I am visiting my grandmother who ___ here all her life.
(has lived / had lived/ have lived/have been living)
5. Identify and label each sentence as declarative, interrogative, imperative or exclamatory :
(a) Hello! Nice to see you!
(b) You did not do your duty well.
(c) Keep to the left.
(d) Have you done your homework?
6. Choose the correct option to change the narration :
(a) John said, "It has been raining since dawn."
(i) John said that it has been raining since dawn.
(ii) John said that it was raining since dawn.
(iii) John said that it had been raining since dawn.
(iv) John said that it is raining since dawn.
(b) The girl said, "My dog hid under the table."
(i) The girl said that her dog had hidden under the table.
(ii) The girl said that her dog hides under the table.
(iii) The girl said that her dog was hiding under the table.
(iv) The girl said that her dog has hidden under the table.
(c) The priest prayed that God might pardon the sinners.
(i) The priest said, "May God pardoned the sinners !"
(ii) The priest said, "May God pardon the sinners!"
(iii) The priest prays, "May God pardoned the sinners !"
(iv) The priest prayed, "Might God pardon the sinners !"
(d) The lady said that it was hot and stuffy that night.
(i) The lady said, "It is hot and stuffy that night."
(ii) The lady said, "It is hot and stuffy tonight."
(iii) The lady said, "It was hot and stuffy last night."
(iv) The lady said, "It was hot and stuffy tonight."




## BEETION D Tenl boen (A0 marka)




2
(b) Where dis lie look lion ligen " Ohd he liod hime'?

 fiet lometans sertes "
(a) What dova the natator mean by 'preater hope for limman society' /

 mant imvenflons in an limaglongy follore. Write any four instances on how Itechantation has changed the lifo of people in the year 2889. (Word limit: 50 $\mathbf{7 5}$ "monda)

## OR

 thet parente it the story 'Adventures in Antaretica'. (Word limit: 50-75 words) 4
11. Faplain how Peta-1 ymn's yuick thinking saved Graham's life in the story 'Don't Die, Cibaham ! Don't Die !' (Word limit: 50 75 words)
12. Read the extract given below and answer the questions that follow. Write your answer in one of owv sentences only:
"Polh would be stumed to hear the deed.
Dada would sad. 'How can it be'?
"Mo pury litile brother!"
(a) Name the poem and the poet.
(b) What reaction does the narrator imagine from his brother?
200/SH
Contd





## но


 According to D.H. Lawrence, mankind calculates the worth of a person in terms of จง!̣!ช̊n (!)

What does the poet realize about himself after seeing the fallen poplar trees? Ere another such grove shall arise in its stead." With a turf on my breast and a stone at my head,

 or two sentences only.
Read the lines from the poem and answer the questions that follow. Write your answer in one
 (ii) shocked (i) delighted
(c) Here, 'stunned' means -
00/SH


