

PM-I/1/24PMYICCTC1B/25

प्रथमपत्रम्

संस्कृतम्

समयः घण्टात्रयम्

पूर्णाङ्काः 100

क. सर्वे प्रश्नाः समाधेयाः ।

(15 × 2 = 30)

1. प्रथमाविभक्तेः किं कारकम्?
2. चतुर्थीविभक्तेः किं कारकम्?
3. उपसर्गाः कति सन्ति?
4. छात्र-शब्दस्य पञ्चम्याः एकवचने किं रूपम्?
5. गजः चलति---- बहुवचने लिखत ।

अथवा

कवि-शब्दस्य द्वितीयायाः बहुवचने किं रूपम् ?

6. सम्बोधने का विभक्तिः?
7. सन्धिं कुरुत---

वृक्षस्य + उपरि=?

अथवा

अत्र + एव=?

8. गम्+क्त्वा=?

अथवा

नि-क्षिप्+ल्यप्=?

9. पञ्चमीविभक्तेः प्रयोगं कृत्वा रिक्तस्थानं पूरयत—
जनः----- बहिः आगच्छति । (ग्राम)

10. स्थूलपदम् आधृत्य प्रश्ननिर्माणं कुरुत---

मल्लिका सखिभिः सह धर्मयात्रायै गच्छति स्म ।

अथवा

चन्दनः स्वप्रातराशस्य प्रबन्धम् अकरोत् ।

11. “दोग्धुम्” इत्यत्र कः प्रत्ययः?
12. सः/सा/ तत् इति पदं प्रयुज्य रिक्तस्थानं पूरयत—
-----नदी दीर्घा अस्ति ।

अथवा

-----दण्डः अस्ति ।

13. महिला-शब्दस्य प्रथमायाः रूपाणि लिखत ।
14. छात्रः संस्कृतं पठति-----लृट् लकारे परिवर्तयत ।
15. अहं गृहं-----गच्छति/ गच्छामि/ गच्छसि ।

ख. सर्वे प्रश्नाः समाधेयाः ।

(4 × 5 = 20)

16. एकतः दशपर्यन्तम् संख्याः अक्षरेण लिखत ।
अथवा
विंशतितः त्रिंशत्पर्यन्तं संख्याः अक्षरेण लिखत ।
17. गम्-धातोः लट् लकारे रूपाणि लिखत ।
18. पठ्-धातोः लङ् लकारे रूपाणि लिखत ।
19. किम्-शब्दस्य पुल्लिङ्गे स्त्रीलिङ्गे वा सप्तविभक्तिषु रूपाणि लिखत ।

ग. अनुवादः कार्यः ।

20. हिन्दीतः आङ्ग्लभाषातः वा संस्कृतभाषया अनुवादं करत-

(5 × 2 = 10)

(क) आप कहाँ रहते हैं ?

Where do you live?

(ख) वह मेरा मित्र है ।

He is my friend.

(ग) हमारे देश का भारत है ।

Our country's name is Bharat.

(घ) आप क्या कर रहे हैं ?

What are you doing?

(ङ) पेमा पानी पी रही है ।

Pema drinks water.

सर्वे अतिघूत्तरीया प्रश्नाः समाधेयाः ।

(10×2=20)

21. कविः कां सम्बोधयति ?
22. कीदृशीं वीणां निनादयितुं प्रार्थयति ?
23. सरसाः रसालाः कदा लसन्ति ?
24. पर्यायपदं लिखत । (एकस्यैव)
सरस्वती, पवनः
25. माता काम् आदिशत् ?
26. प्रासादः कीदृशः वर्तते ?
27. मल्लिका पूजार्थं सखीभिः सह कुत्र गच्छति स्म ?
अथवा
कुम्भकारः घटान् किमर्थं रचयति ?
28. यत्नेन किं रक्षेत् वित्तं वृत्तम् वा ?
29. जन्तवः केन तुष्यन्ति ?
30. वृक्षाः स्वयं कानि न खादन्ति ?
अथवा
कुत्र दरिद्रता न भवेत् ?

ड. सर्वे प्रश्नाः समाधेयाः ।

(2×5=10)

31. भारतीयसन्तगीतिः इति पाठस्य प्रथमश्लोकस्य आशयं हिन्दीभाषया आङ्ग्लभाषया वा वर्णयत ।
32. अधदत्तयोः एकस्य श्लोकस्य भावार्थं हिन्दीभाषया व्याख्यात ।
(क) श्रूयतां धर्मसर्वस्वं श्रुत्वा चैवावधार्यताम् ।
आत्मनः प्रतिकूलानि परेषां न समाचरेत् ॥
(ख) वृत्तं यत्नेन संरक्षेत् वित्तमेति च याति च ।
अक्षीणो वित्ततः क्षीणो वृत्ततस्तु हतो हतः ॥

च. निबन्धात्मकः प्रश्नः समाधेयः ।

(1×10=10)

33. अधदत्तेषु एकस्य विषयस्योपरि संस्कृतभाषया निबन्धं लिखत ।
(क) संस्कृतभाषायाः महत्त्वम् ।
(ख) अस्माकं संस्थानम् ।

ཀུན་གཤམ་གསལ་བྱི་བ་ཆ་ཚང་ལ་ལན་འབྲི་དགོས།

20 x 2 = 40.

- 1) ལེགས་བཤད་ཚུན་དབང་རྩམ་པ་པོའི་མཚན་བྲིས།
- 2) བོད་ཀྱི་ཡི་གེ་ལ་གསལ་བྱེད་ག་ཚེད་ཡོད་དམ།
- 3) བོད་ཀྱི་ཡི་གེ་ལ་དབྱངས་ག་ཚེད་ཡོད་དམ།
- 4) ཚུན་འཇུག་གི་ཡི་གེ་ག་ཚེད་ཡོད་དམ།
- 5) རྗེས་འཇུག་གི་ཡི་གེ་ག་ཚེད་ཡོད།
- 6) ཡང་འཇུག་གི་ཡི་གེ་ག་ཚེད་ཡོད།
- 7) མགོ་ཅན་གྱི་ཡི་གེ་ལ་དབྱེ་ན་ག་ཚེད་ཡོད།
- 8) འདྲེན་ཅན་གྱི་ཡི་གེ་ལ་དབྱེ་ན་ག་ཚེད་ཡོད།
- 9) ར་མགོ་ཅན་གྱི་ཡི་གེ་ག་ཚེད་ཡོད།
- 10) ལ་མགོ་ཅན་གྱི་ཡི་གེ་ག་ཚེད་ཡོད།
- 11) ས་མགོ་ཅན་གྱི་ཡི་གེ་ག་ཚེད་ཡོད།
- 12) ཡ་བཏགས་གི་ཡི་གེ་ག་ཚེད་ཡོད།
- 13) ར་བཏགས་གི་ཡི་གེ་ག་ཚེད་ཡོད།
- 14) ལ་བཏགས་གི་ཡི་གེ་ག་ཚེད་ཡོད།
- 15) ཡང་འཇུག་གི་ཡི་གེ་གཉིས་དོས་འཛིན་བྲིས།
- 16) ཚུན་འཇུག་གི་ཡི་གེ་ནམས་བྲིས།
- 17) རྗེས་འཇུག་གི་ཡི་གེ་ནམས་བྲིས།
- 18) ཡང་འཇུག་ས་ཡོད་པའི་ཆོག་གཉིས་བྲིས།
- 19) ཚུན་འཇུག་དང་རྗེས་འཇུག་གཉིས་ཀ་ཡོད་པའི་ཆོག་གཉིས་བྲིས།
- 20) ཚུན་འཇུག་མེད་པའི་ཆོག་གཉིས་བྲིས།

ཁེད་གཤམ་གསལ་བྱི་བ་ཆ་ཚང་ལ་ལན་འབྲི་དགོས།

5 x 8 = 40.

- 21) ལས་ཁུངས་དང་འབྲེལ་བའི་མིང་ཆོག་བརྒྱད་བྲིས།
- 22) ལ་དོན་བཟུན་པའི་ཚུན་དབང་གི་ཅ་བ་བྲིས་ཏེ་ནམ་དབྱེ་གཉིས་པའི་དཔེར་བཞིན་ལྟ་བྲུག་བྲིས།
- 23) བྱ་ཆོག་བརྒྱད་ལས་མི་ཉུང་བ་བྲིས།
- 24) སླབ་བྱ་དང་འབྲེལ་བའི་མིང་ཆོག་བརྒྱད་བྲིས།
- 25) འབྲེད་ཕྱད་ཀྱི་ཕྱད་བྱི་བ་ལ་འཇུག་པའི་དཔེར་བཞིན་ལྟ་བྲུག་བྲིས།

གཤམ་གསལ་བྱི་བ་གཉིས་ལ་ལན་འབྲི་དགོས།

2 x 10 = 20.

26) འབྲེལ་སྒྲ་བཟན་པའི་ཚྭ་དབང་གི་ཅ་ཚིག་གིས་ཏེ་འབྲེལ་སྒྲའི་དཔེར་བཟོད་བཅུ་ཙམ་གྱིས།

ཡང་ན།

ལྷག་བཅས་བཟན་པའི་ཅ་བ་གིས་ཏེ་ལྷག་བཅས་ཀྱི་དཔེར་བཟོད་བཅུ་ཙམ་གྱིས།

27) བྱེད་སྒྲ་བཟན་པའི་ཚྭ་དབང་གི་ཅ་ཚིག་གིས་ཏེ་བྱེད་སྒྲའི་དཔེར་བཟོད་བཅུ་ཙམ་གྱིས།

དགེ།

PM-I/3/24PMY1EGTC3A/25

तृतीय पत्र

हिन्दी

समय – तीन घण्टे

पूर्णाङ्क – 100

क) निम्नलिखित प्रश्नों के उत्तर दीजिए:

(20×2=40)

1. खरबूजे बेचने वाली स्त्री से कोई खरबूजे क्यों नहीं खरीद रहा था?
2. लेखिका को सागरमाथा नाम क्यों अच्छा लगा?
3. कैलेंडर की तारीखें किस तरह फड़फड़ा रही हैं?
4. समुद्र को देखकर रामन के मन में कौन सी दो जिज्ञासाएँ उठीं?
5. धर्म के व्यापार को रोकने के लिए क्या उद्योग होने चाहिए?

अथवा

'यंग इंडिया' साप्ताहिक में लेखों की कमी क्यों रहने लगी थी?

6. रैदास ने अपने स्वामी को किन किन नामों से पुकारा है?
7. रहीम ने सागर की अपेक्षा पंख जल को धन्य क्यों कहा है?
8. आदमी नामा कविता का कौन सा भाग आपको सबसे अच्छा लगा और क्यों?
9. सुखिया के पिता पर कौन सा आरोप लगाकर उसे दंडित किया गया?
10. प्रेमी जब गीत गाता है, तब प्रेमिका की क्या इच्छा होती है?

अथवा

कवि ने अग्निपथ को किसके प्रतीक स्वरूप प्रयोग किया है?

11. कविता में कौन-कौन से पुराने निशानों का उल्लेख किया गया है?
12. कविता में कितने तरह के हाथों की चर्चा हुई है?
13. गिल्लू पाठ में गिल्लू कौन सा जीव है?
14. निचे दिए गए शब्दों के एक-एक पर्याय लिखिए-

क) जिगरी ख) कहर

15. निम्न मुहावरों का अर्थ स्पष्ट करते हुए वाक्यों में प्रयोग कीजिए-

क) लोहे के चने चबाना

ख) अस्त हो जाना

16. इक प्रत्यय लगाकर दो शब्दों का निर्माण कीजिए।

17. वर्ण विच्छेद कीजिए- क) कक्षा ख) महात्मा

अथवा

'उनाकोटी' का अर्थ बतलाइए।

18) आई के बुलाने पर घर लौटते समय लेखक के मन में किस बात का डर था?

19) 'गीत-अगीत' का काव्य किसके द्वारा लिखा गया है?

20) एक पत्र-छाँह भी माँग मत का अर्थ लिखिए।

ख) निम्नलिखित प्रश्नों के उत्तर दीजिए-

(5×8=40)

21) भाव स्पष्ट कीजिए-

चल रहा मनुष्य है

अश्रु-स्वेद-रक्त से लथपथ, लथपथ, लथपथ

22) संदर्भ सहित व्याख्या कीजिए-

गाता शुक जब किरण वसंती

छूती अंग पर्ण से छनकर

अथवा

चारों छंदों में कवि ने आदमी के सकारात्मक और नकारात्मक रूपों को परस्पर किन-किन रूपों में रखा है अपने शब्दों में स्पष्ट कीजिए।

23) सप्रसंग व्याख्या कीजिए-

दुनिया में बादशाह है सो है वह भी आदमी

और मुफलिस ओ गदा है सो है वो भी आदमी

अथवा

'एक फूल की चाह' कविता का केंद्रीय भाव अपने शब्दों में लिखिए।

24) 'माँग मत', 'कर शपथ', 'लथपथ' इन शब्दों का बार-बार प्रयोग कर कवि क्या कहना चाहता है?

25) पाठ के आधार पर महादेव भाई का चरित्र चित्रण लिखिए।

ग) निम्नलिखित प्रश्नों के उत्तर दीजिए-

(2×10=20)

26) अपने संस्थान के निदेशक को दो दिन की छुट्टी हेतु प्रार्थना पत्र लिखिए।

अथवा

अपने माँ को अपने जीवन का लक्ष्य को बताते हुए पत्र लिखिए।

27) निम्न में से किसी एक विषय पर निबंध लिखिए-

क) त्योहारों का देश - भारत

ख) स्वच्छता आंदोलन

ग) अनुशासन का महत्व

घ) समय का सदुपयोग

PM-I/4/24PMYICCTC4/25

IV Paper

English

Time:3hrs.

M.M.100

Section A

(20

Marks)

Q1. Read the passage carefully and answer the questions that follow : (4x2=8)

Dr. APJ Abdul Kalam, known as the "Missile Man of India," was a great scientist and the 11th President of India. He played a crucial role in India's space and missile development programs. Born in a humble family in Rameswaram, he overcame many struggles to achieve success. He believed in hard work, discipline, and the power of dreams. His book Wings of Fire inspires young minds to pursue their goals with dedication.

1. What was Dr. APJ Abdul Kalam known as?
2. What role did he play in India's development?
3. Where was he born?
4. What is the message of his book Wings of Fire?

Q2. Read the following passage carefully and answer the questions that follow: (4x3=12)

Water is one of the most essential resources on Earth. All living beings depend on it for survival. However, water scarcity is becoming a major global issue. Pollution, wastage, and climate change are reducing freshwater availability. It is important to use water wisely by adopting conservation methods like rainwater harvesting and reducing wastage. If we do not act now, future generations may face severe water shortages.

1. Why is water an essential resource?
2. What are the major causes of water scarcity?
3. How can we conserve water?
4. Why is it important to save water for future generations?

Section - B

(20 Marks)

Q3. Write a letter to your friend inviting him/her to join for the Losar festival celebration.

Or

(1x8=8)

Write a letter to the Principal of your school requesting him/her to introduce a music club in the school.

Q4. Write a paragraph on the given topic in about 80 words.

(1x4=4)

The Importance of Cleanliness

Or

The Benefits of Reading Books

Q5. Write a story / short paragraph in about 125-150 words with the help of following outlines.

Riya was walking home from school when she saw a small puppy shivering in the rain. She decided to help.....
(1x8=8)

Section - C

(15 Marks)

Q6. Fill in the blanks with suitable 'Verb'. (5x3=15)

1. She enjoys ____ (read) books in her free time.
2. ____ (swim) in the ocean is my favorite activity.
3. He is too tired ____ (walk) any further.
4. They decided ____ (visit) the museum tomorrow.
5. I saw him ____ (play) in the park.

Or

Fill each blank in the following sentences with an appropriate connectors:

1. He stayed at home ____ he was not feeling well.
2. She was reading a book ____ I was watching TV.
3. We waited at the bus stop ____ the bus arrived.
4. He worked hard for the exam ____ he passed with good marks.
5. The show had already started ____ we reached the theater.

Section - D

(45 Marks)

Q7. Read the following passages carefully and answer the questions that follow : (5x2=10)

Maria Sharapova's journey from a small town in Russia to the top of women's tennis was full of challenges. Her father brought her to the United States when she was just nine years old to train in tennis. She had to stay away from her mother for two years. Maria worked extremely hard, and her determination helped her become a world-class player.

1. Where did Maria Sharapova come from?
2. Why did Maria and her father move to the United States?
3. How long was Maria separated from her mother?
4. What qualities helped Maria become successful?
5. What challenges did Maria face in her journey?

Or

"I did not tremble. I did not cry out. There was no time to do any such thing. The snake slithered along my shoulder and coiled around my left arm above the elbow. The hood was spread out, and its head was hardly three or four inches from my face. It would not be correct to say that I was merely startled. I was turned to stone. But my mind was very active."

1. Why did the narrator not cry out or tremble?
2. Where did the snake coil itself?
3. How close was the snake's head to the narrator's face?
4. What does the phrase 'I was turned to stone' mean?
5. What does this passage tell us about the narrator's state of mind?

Q8. Read the extract given below and answer the questions that follow by choosing the most appropriate alternatives from those given below : (3×2=6)

It takes much time to kill a tree,
Not a simple jab of the knife
Will do it. It has grown
Slowly consuming the earth,
Rising out of it, feeding
Upon its crust, absorbing
Years of sunlight, air, water

1. What does the poet mean by 'It takes much time to kill a tree'?
 - a) Trees are very weak and die quickly
 - b) A tree cannot be killed easily as it is deeply rooted
 - c) A single knife cut is enough to destroy a tree
 - d) Trees do not need sunlight, air, or water to grow
2. Which elements help a tree grow, according to the extract?
 - a) Fire and wind
 - b) Sunlight, air, and water
 - c) Soil and insects
 - d) Moonlight and stars
3. What is the main idea of this extract?
 - a) Killing a tree is an easy process
 - b) Trees can survive without any support
 - c) A tree takes a long time to grow and cannot be destroyed easily
 - d) Cutting a tree makes it stronger

Q9. Answer any two questions in about 20-30 words. (2 x2=4)

- i. What did Saint Peter ask the lady for? What was the lady's reaction?
- ii. How does the poet suggest that all people on earth are the same?
- iii. What should we do to make friends with the wind?

Q10. Answer any one of the following questions in about 80-100 words. (1x 6=6)

How does Evelyn hear music?

Or

Compare and contrast the atmosphere in and around the Baudhnath shrine with the Pashupathinath temple.

Q11. Answer any one of the following questions in about 30-40 words. (1 x3=3)

What does the swallow see when it flies over the city?

Or

Why does the author break down in tears after the fire? (A House Is Not A Home)

Q12. Answer the following questions in about 30-40 words each. (2x 4=8)

i. What is Behrman's masterpiece? What makes Sue say so?

Or

Lushkoff is earning thirty five roubles a month .How is he obliged to Sergei for this?

ii. How did Santosh begin to climb mountains?

Or

How does Kezia begin to see her father as a human being who needs her sympathy?

Q13. Answer the following question in about 80-100 words. (1x 8=8)

Compassion and pity can bring positive changes in a human being. How does the story 'The Beggar' prove it?

Or

Give a brief character sketch of Iswaran the storyteller. Do you think he is superstitious?

PM-I/5/24PMY1CCTC5A/25

**Paper V
Social Studies**

Time: 3 Hours.

M.M. - 100

Part(A)- HISTORY

A. Answer any five of the following Questions.

(5×3=15)

1. Ideas of liberty and democratic rights were the most important legacy of French revolution. Why?
2. What does the term 'Liberals' mean?
3. What is Socialism?
4. Who was the ruler of France during the revolution?
5. Name the three 'Estates' into which the French society was divided before the revolution.
6. What is Duma?
7. What was Tithes?

B. Answer any two of the following Question.

(2×5=10)

8. Describe how abolition of slavery became possible in France?
9. How would you explain the rise of Napoleon?
10. What was the basic principle of the Marxist theory?

PART (B)- GEOGRAPHY

A. Answer any five of the following Questions.

(5x3=15)

11. Define a drainage system.
12. What do you understand by jet stream?
13. What do you understand by 'Duns'?
14. Define the term Peninsula.
15. How many states touch tropic of cancer in India?
16. Define monsoon.

B. Answer any two of the following Questions.

(1×5=5)

18. What are different names of pre-monsoon showers, depending on the region in India?
19. Discuss the ganga river system of India.

20. On an outline map of India mark and label the following:

(1×5=5)

- 1) The Aravali Range
- 2) Brahmaputra river
- 3) Chilika lake
- 4) Ganga River
- 5) Western ghat

PART (C) – POLITICAL SCIENCE**A. Answer any five of the following Questions.****(5×3=15)**

20. What is Apartheid?
21. What is a constitution?
22. Why do we need elections?
23. What is constituent assembly?
24. How does Abraham Lincoln define democracy?
25. What is a Referendum?
26. What is the term Fraternity?

B. Answer any two of the following question.**(5×2=10)**

27. What is the basic difference between good and minimal democracy?
28. What are the four features of democracy?
29. What makes an election democratic in India?

PART (D) – ECONOMICS**A. Answer any five of the following Questions.****(5×3=15)**

30. What are the four requirements for production of good and services?
31. How is poverty viewed by social scientist?
32. What do you mean by a famine?
33. How will you explain the term unemployment?
34. What are the source of irrigation?
35. What is the accepted average calorie requirement in India?
36. What is Fair price shop?

B. Answer any two of the following question.**(5×2=10)**

36. What kind of farming methods- modern or traditional or mixed- do the farmers use?
37. What are the various activities undertaken in the primary, secondary, and tertiary?
38. Describe the global poverty trends?

PM-I/6/24PMY1EDTC6E/25

PAPER VI

BHOT BOUDH SHASTRA

སློབ་ཚན། བསྐྱུས་གྲ་དང་ལེགས་བཤད་སློབ་གསར་མིག་འབྱེད།

Time: 3 hours

M.M. - 100

ཀེ གཤམ་གསལ་བྱི་བ་ཆ་ཚང་གི་ལན་འདེབས་དགོས།

20 X 2 = 40

- 1 རྒྱུ་བྱེད་ཐེ་མོ་གསུམ་གང་ཡིན་ནམ།
2 བཞོན་བྱ་བསྐྱུས་བ་གསུམ་གང་ཡིན་ནམ།
3 གཞི་བདེན་བ་གཉིས་གང་ཡིན་ནམ།
4 མི་རྟག་པའི་མཚན་ཉིད་བྱིས།
5 རྒྱུ་བྱེད་པའི་དགོན་མཚན་གསུམ་གང་ཡིན་ནམ།
6 བདག་མེད་གཉིས་གང་ཡིན་ནམ།
7 སའི་མཚན་ཉིད་བྱིས།
8 ལ་དོག་གི་མཚན་ཉིད་བྱིས།
9 དངོས་པའི་མཚན་ཉིད་བྱིས།
10 དབྱིབས་ཀྱི་མཚན་ཉིད་བྱིས།
11 སའི་མཚན་ཉིད་བྱིས།
12 ཤེས་བྱའི་མཚན་ཉིད་བྱིས།
13 ཡོད་པའི་མཚན་ཉིད་བྱིས།
14 གཞི་བྱུང་གི་མཚན་ཉིད་བྱིས།
15 བྱས་པའི་མཚན་ཉིད་བྱིས།
16 གཞུགས་ཀྱི་མཚན་ཉིད་བྱིས།
17 མའི་མཚན་ཉིད་བྱིས།
18 ཅ་བའི་ལ་དོག་གི་མཚན་ཉིད་བྱིས།
19 རྒྱུ་བྱེད་ཀྱི་མཚན་ཉིད་བྱིས།
20 རྟག་པའི་མཚན་ཉིད་བྱིས།

ཁེ གཤམ་གསལ་བྱི་བ་བཞི་ནས་གཉིས་ལ་ལན་དེས་པར་དུ་འབྲི་དགོས།

5X8=40

- 1 རྒྱུ་བྱེད་ཀྱི་མཚན་ཉིད་དང་དབྱེ་བ། དབྱེ་བ་སོ་སོའི་མཚན་གཞི་བཅས་རེ་རེ་ནས་གསལ་པོ་བྱིས།
2 གཞུགས་ཀྱི་མཚན་ཉིད་དང་དཔེ་དབྱེ་བ། དབྱེ་བ་སོ་སོའི་མཚན་ཉིད་བཅས་བྱིས།
3 རྒྱུ་བྱེད་ཀྱི་མཚན་ཉིད་དང་དཔེ་དབྱེ་བ། དབྱེ་བ་སོ་སོའི་མཚན་གཞི་རེ་རེ་ནས་བྱིས།
4 གང་ཟག་གི་མཚན་ཉིད་དང་ཕྱང་པོ་ལྔ་གང་ཡིན་ནམ།

ཡང་ན།

- 1 འགལ་བའི་མཚན་ཉིད་དང་འགལ་བ་ལ་དབྱེ་ན་ག་ཚད་ཡོད་བྱིས།
2 རྒྱུ་བྱེད་དགོས་པའི་དགོས་པ་རྒྱུ་མཚན་རྒྱུ་བསྐྱུས་ཤིག་བྱིས།

གཤེགས་གསལ་བྱི་བ་བཞི་ནས་གཉིས་ལ་ལན་ངེས་པར་འབྲི་དགོས།

2X10=20

༡༥ དགེ་བའི་མཚན་ཉིད་དང་དགེ་བ་བརྒྱ་གང་ཡིན་གསལ་པོ་བྲིས།

༢༥ འབྲེལ་བའི་མཚན་ཉིད་དང་འབྲེལ་བ་ལ་དབྱེ་ན་ག་ཚེད་ཡོད་ཟེས།

ཡང་ན།

དབྱེ་བས་དང་ཁ་དོག་གཉིས་ཀྱི་མཚན་ཉིད་དང་དབྱེ་བ་མཚན་གཞི་བཅས་བྲིས།

PM-I/7/24PMY1EDTC7A/25**Paper VII****Science**

TIME- 3HRS.

M.M.- 100

SECTION-A.**Answer any twenty questions of the following.****(20x2=40)**

1. Define scalar quantity. Give two examples of it.
2. What is motion? Give some examples of motion.
3. How can you define speed of a body?
4. What is Pressure? write its S.I. unit.
5. Write audible range of normal human ears.
6. Define infra sound.
7. What is speed of sound in water medium?
8. Write three name of animals who can hear ultra sound.
9. Define displacement. Can it be zero?
10. Write S.I. unit of velocity.
11. Define matter with three examples.
12. What is an atom?
13. What do you understand by compound? Give two examples.
14. Define solute and solvent in a solution.
15. What is an alloy? Give one example.
16. Define atomic mass and atomic number.
17. Why are mitochondria known as power house of cell?
18. Define cell.
19. Which cell organelle is known as suicidal bag of cell?
20. Write the full form of A.T.P.
21. Define cell division.
22. What do you understand by tissue?
23. Define neuron. Draw neat and clean diagram of nerve cell.
24. Define inbreeding and outbreeding in plant and animal.
25. What is fertilizer? Give two examples.

SECTION-B**(5x8=40)****Attempt any five questions from following.**

26. (a). Write characteristics of the displacement.
(b). Dawa Norbu runs distance of 40m in 20sec. calculate speed of Dawa Norbu.
27. Draw the figures of the following microorganisms- Paramecium, Amoeba and Euglena.

28. (a) State Archimedes principle.
(b) Define terms gravitation and gravity.
29. (a). Differentiate between Heterogenous and Homogenous mixtures.
(b). Draw electronic configuration of Helium, Carbon, Nitrogen and Oxygen.
30. Write short notes on following-
- a. Xylem tissue
 - b. Phloem tissue and
 - c. Air Pollution.
31. Describe water cycle with neat and clean diagram.
32. (a) Differentiate between prokaryotic and eukaryotic cells.
(b) Why do we see water droplets on the outer surface of a glass containing ice cold water?

SECTION-C.

(2x10=20)

Answer the following questions.

33. (a). State Newton's first, second and third laws of motion.
(b) What is value of acceleration due to gravity on the surface of the Earth?

OR

- (a) State Newton's law of gravitation.
(b) Define work done. A boy applies a force 50N to a chair. And it is displaced by 100m.
What is work done by boy?

34. (a). Draw plant and animal cells by labeling plasma membrane, ribosome, cytoplasm and mitochondria.
(b). Write the characteristics of Monera kingdom.

OR

Describe oxygen and nitrogen cycles in details with diagrams.