



Yuvashakti Model School
— इशिकेहेहल हलर इलनइकरोल

Class-VII
Winter Holiday
Homework



WINTER HOLIDAYS HOMEWORK
SAMPLE PAPER
Class- VII
English

Time: 3 Hrs.

M.M:80

General Instructions:

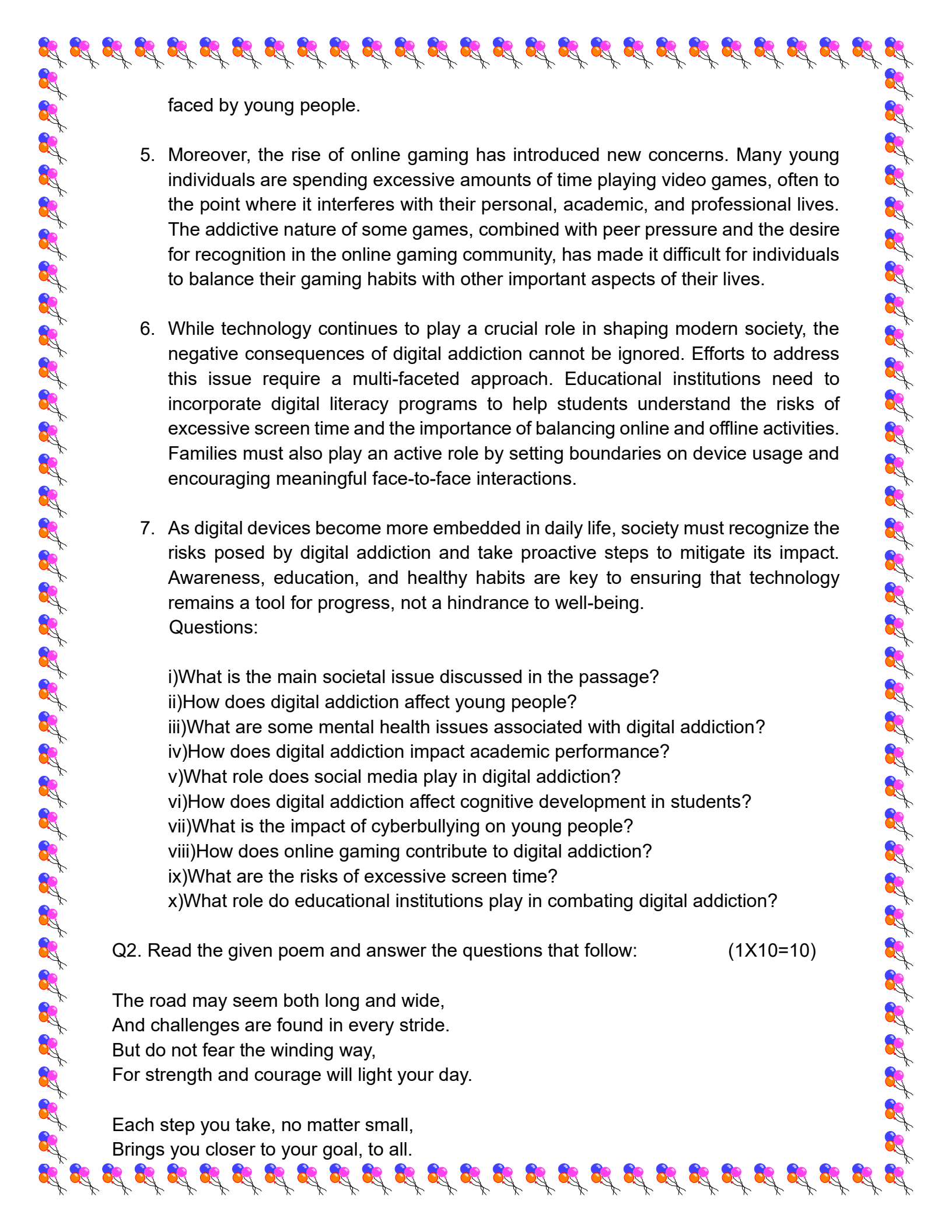
1. This paper is divided into 3 sections.
2. Attempt all the questions.
3. All the answers must be correctly numbered as in question paper and written in the answer sheet provided by you.

Section A(Reading)

Q1. Read the given passage and answer the questions that follow: (1X10=10)

Title: The Rise of Digital Addiction and its Impact on Society.

1. In today's interconnected world, the use of digital devices has become integral to everyday life. The constant connectivity brought about by smartphones, social media, and other online platforms has created both opportunities and challenges for individuals. Digital addiction—excessive use of electronic devices, particularly smartphones and social media—has emerged as one of the most pressing societal issues of the 21st century.
2. The impact of digital addiction is most profound on young people, who are more likely to spend hours glued to their screens, often at the expense of face-to-face interactions. This excessive screen time is contributing to a rise in mental health issues such as anxiety, depression, and poor sleep patterns. The constant need to stay updated on social media platforms can lead to feelings of inadequacy, loneliness, and a distorted sense of self-worth.
3. In addition to the mental health concerns, digital addiction has a significant impact on academic performance. Students, distracted by their devices, often find it difficult to focus on their studies. Many students spend more time on social media or playing video games than engaging in productive academic activities. This digital distraction is affecting not only their learning but also their overall cognitive development.
4. Cyberbullying is another alarming consequence of the digital age. While the internet offers many opportunities for communication and learning, it also provides a platform for bullying and harassment. The anonymity provided by the internet allows individuals to engage in harmful behaviour without fear of being identified. This can lead to emotional trauma and further exacerbate the mental health issues



faced by young people.

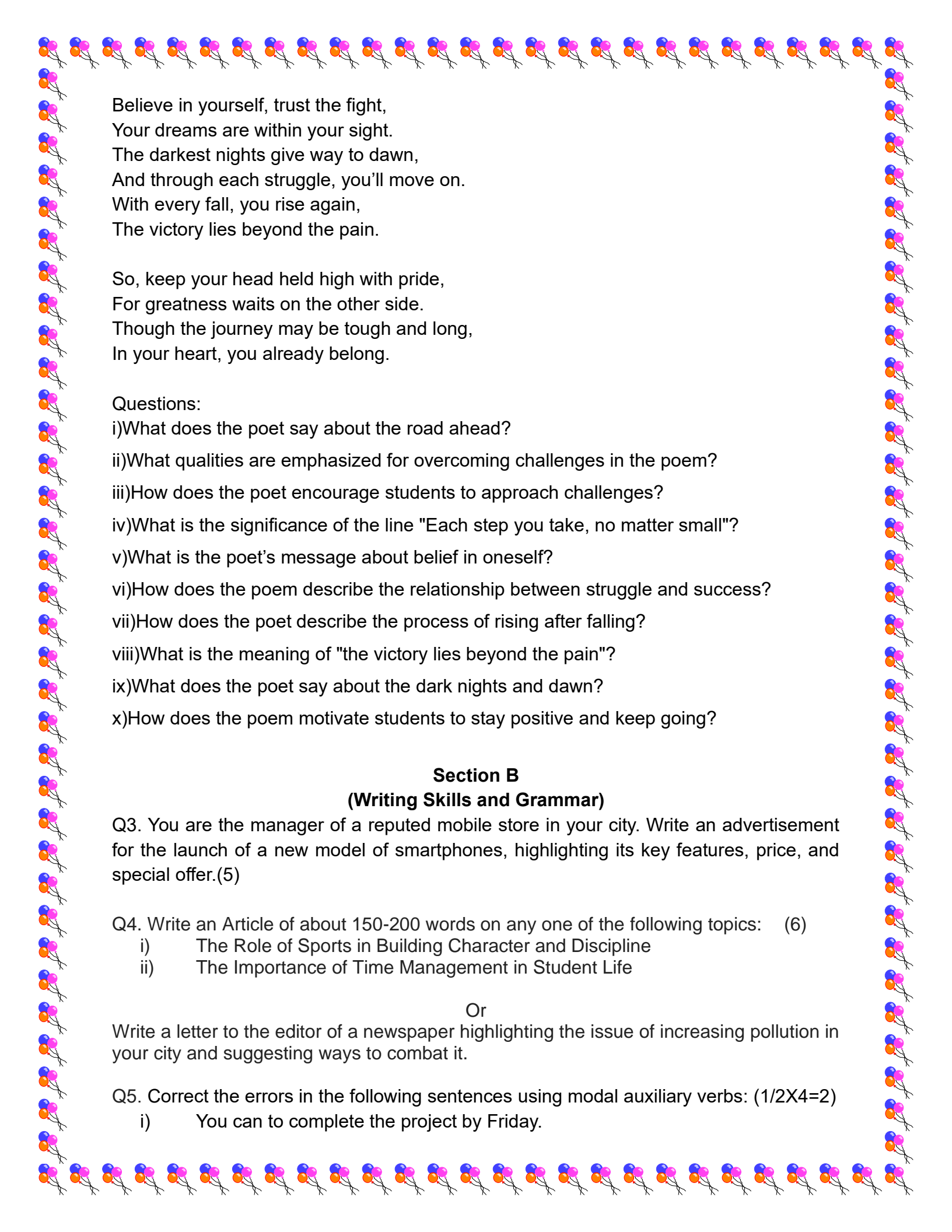
5. Moreover, the rise of online gaming has introduced new concerns. Many young individuals are spending excessive amounts of time playing video games, often to the point where it interferes with their personal, academic, and professional lives. The addictive nature of some games, combined with peer pressure and the desire for recognition in the online gaming community, has made it difficult for individuals to balance their gaming habits with other important aspects of their lives.
 6. While technology continues to play a crucial role in shaping modern society, the negative consequences of digital addiction cannot be ignored. Efforts to address this issue require a multi-faceted approach. Educational institutions need to incorporate digital literacy programs to help students understand the risks of excessive screen time and the importance of balancing online and offline activities. Families must also play an active role by setting boundaries on device usage and encouraging meaningful face-to-face interactions.
 7. As digital devices become more embedded in daily life, society must recognize the risks posed by digital addiction and take proactive steps to mitigate its impact. Awareness, education, and healthy habits are key to ensuring that technology remains a tool for progress, not a hindrance to well-being.
- Questions:

- i)What is the main societal issue discussed in the passage?
- ii)How does digital addiction affect young people?
- iii)What are some mental health issues associated with digital addiction?
- iv)How does digital addiction impact academic performance?
- v)What role does social media play in digital addiction?
- vi)How does digital addiction affect cognitive development in students?
- vii)What is the impact of cyberbullying on young people?
- viii)How does online gaming contribute to digital addiction?
- ix)What are the risks of excessive screen time?
- x)What role do educational institutions play in combating digital addiction?

Q2. Read the given poem and answer the questions that follow: (1X10=10)

The road may seem both long and wide,
And challenges are found in every stride.
But do not fear the winding way,
For strength and courage will light your day.

Each step you take, no matter small,
Brings you closer to your goal, to all.



Believe in yourself, trust the fight,
Your dreams are within your sight.
The darkest nights give way to dawn,
And through each struggle, you'll move on.
With every fall, you rise again,
The victory lies beyond the pain.

So, keep your head held high with pride,
For greatness waits on the other side.
Though the journey may be tough and long,
In your heart, you already belong.

Questions:

- i) What does the poet say about the road ahead?
- ii) What qualities are emphasized for overcoming challenges in the poem?
- iii) How does the poet encourage students to approach challenges?
- iv) What is the significance of the line "Each step you take, no matter small"?
- v) What is the poet's message about belief in oneself?
- vi) How does the poem describe the relationship between struggle and success?
- vii) How does the poet describe the process of rising after falling?
- viii) What is the meaning of "the victory lies beyond the pain"?
- ix) What does the poet say about the dark nights and dawn?
- x) How does the poem motivate students to stay positive and keep going?

Section B (Writing Skills and Grammar)

Q3. You are the manager of a reputed mobile store in your city. Write an advertisement for the launch of a new model of smartphones, highlighting its key features, price, and special offer. (5)

Q4. Write an Article of about 150-200 words on any one of the following topics: (6)

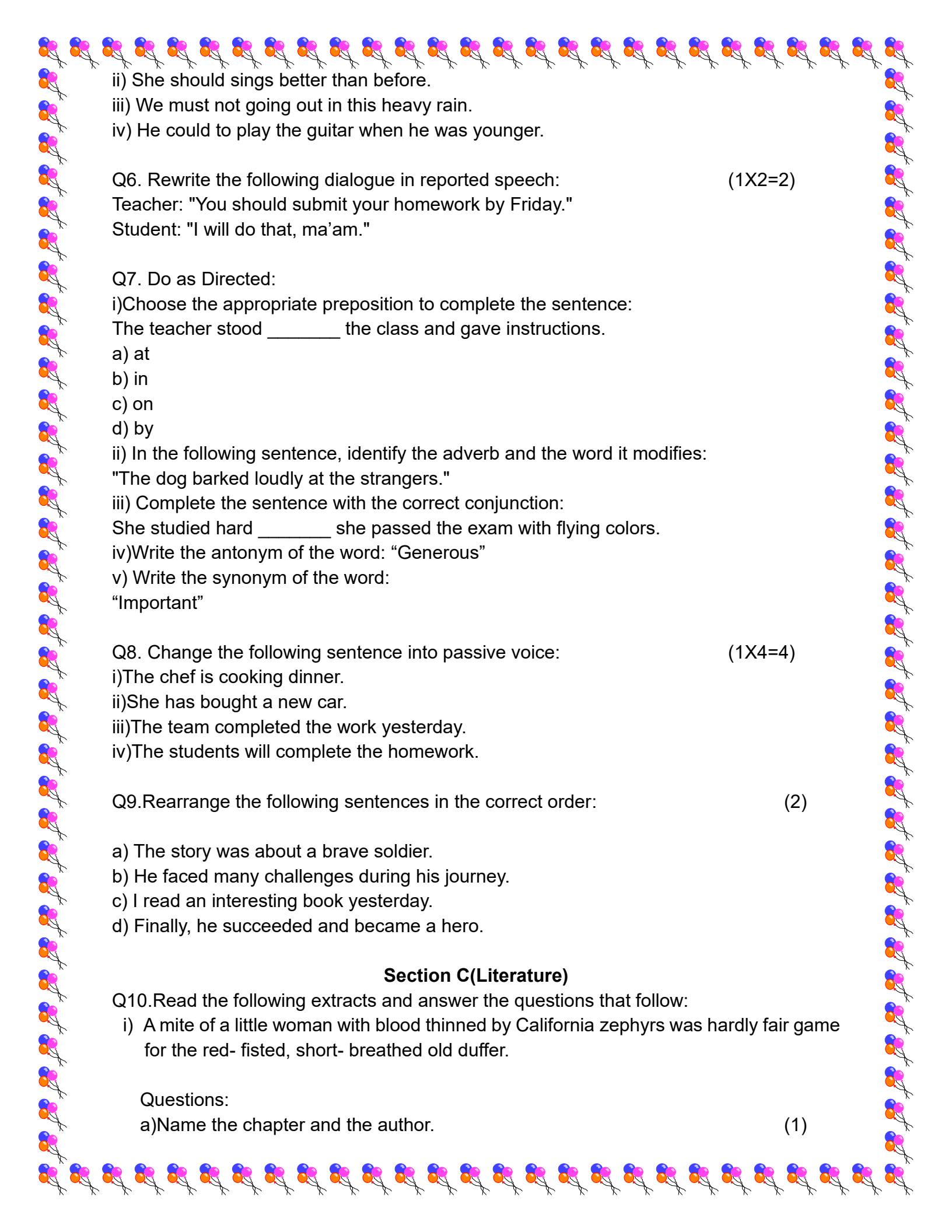
- i) The Role of Sports in Building Character and Discipline
- ii) The Importance of Time Management in Student Life

Or

Write a letter to the editor of a newspaper highlighting the issue of increasing pollution in your city and suggesting ways to combat it.

Q5. Correct the errors in the following sentences using modal auxiliary verbs: (1/2X4=2)

- i) You can to complete the project by Friday.

- 
- ii) She should sing better than before.
iii) We must not go out in this heavy rain.
iv) He could play the guitar when he was younger.

Q6. Rewrite the following dialogue in reported speech:

(1X2=2)

Teacher: "You should submit your homework by Friday."

Student: "I will do that, ma'am."

Q7. Do as Directed:

i) Choose the appropriate preposition to complete the sentence:

The teacher stood _____ the class and gave instructions.

- a) at
- b) in
- c) on
- d) by

ii) In the following sentence, identify the adverb and the word it modifies:

"The dog barked loudly at the strangers."

iii) Complete the sentence with the correct conjunction:

She studied hard _____ she passed the exam with flying colors.

iv) Write the antonym of the word: "Generous"

v) Write the synonym of the word:

"Important"

Q8. Change the following sentence into passive voice:

(1X4=4)

i) The chef is cooking dinner.

ii) She has bought a new car.

iii) The team completed the work yesterday.

iv) The students will complete the homework.

Q9. Rearrange the following sentences in the correct order:

(2)

- a) The story was about a brave soldier.
- b) He faced many challenges during his journey.
- c) I read an interesting book yesterday.
- d) Finally, he succeeded and became a hero.

Section C(Literature)

Q10. Read the following extracts and answer the questions that follow:

- i) A mite of a little woman with blood thinned by California zephyrs was hardly fair game for the red-fisted, short-breathed old duffer.

Questions:

- a) Name the chapter and the author.

(1)

b) Who has been referred to as 'the red-fisted, short-breathed old duffer' ? (2)

c) Who was the little woman? Find a word in the above lines that means the same as 'a bug' (2)

ii) "I never can do it," the little kite said,
As he looked at the others high over his head.

"I know I should fall if I tried to fly."

"Try," said the big kite, only try!

a) Who is 'you' in the above stanza?(1)

b) What is the wind's role in the nature?(2)

c) How does the poet describe the wind's movements?(2)

Q11. Answer the following questions in brief: (any six)

2X6=12

i) Describe how you play a game of hopscotch?

ii) What type of a place was Deoli, as described by the narrator?

iii) Why does Johnsy lose all hope of surviving? What made Johnsy alright again?

iv) Who is the speaker in the poem 'A Boat Beneath a Sunny Sky', and what does the speaker describe?

v) '.....the airplane flew into history.' What does this refer to?

vi) How did the tiger come to the house of the narrator's grandfather?

vii) What is the effect of personifying the wind in the poem?

Q12. Answer the following questions of about 100-120 words on any two of the following questions:

2X6=12

i) In the recent years, with the advancement of technology, more and more children have stopped going out of their homes to play and instead spend their time in front of T.V. and computer. Don't you think it's an alarming situation? Compare the lifestyles of children today with that of the children few years back. Which one do you think is better?

ii) Most of the inventions are result of years of hard work by great people. Do you get any message from the lives of these people? How would our lives be different if 'they' had not dated?

iii) Explain the literary significance of the train station at Deoli.

सातवीं - हिंदी

निर्देश - इस प्रश्न-पत्र के चार खंड हैं - खंड 'क', 'ख', 'ग' तथा 'घ'।

- इस प्रश्न-पत्र में कुल 15 प्रश्न हैं।
- सभी प्रश्न अनिवार्य हैं।
- भाषा की शुद्धता एवं लेख का ध्यान रखिए।

खंड - 'क' (अपठित बोध)

प्रश्न 1 - निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए। (10)

हमारे देश में प्रकृति का अद्भुत सौंदर्य है। यहाँ पहाड़, नदियाँ, जंगल और मैदान सभी अपनी विशिष्ट पहचान रखते हैं। पहाड़ों की ऊँचाई हमें ऊँचे लक्ष्य प्राप्त करने की प्रेरणा देती है, जबकि नदियाँ हमें निरंतरता और उदारता का संदेश देती हैं। जंगल हमारे जीवन के लिए आवश्यक वायु और वनस्पतियों का भंडार हैं। आज, जब दुनिया औद्योगिक विकास की ओर तेजी से बढ़ रही है, तब प्रकृति के संरक्षण का महत्व और अधिक बढ़ गया है। हमें यह समझना होगा कि प्रकृति के बिना हमारा जीवन अधूरा है। इसलिए, यह हमारी जिम्मेदारी है कि हम इसे संरक्षित करें और आने वाली पीढ़ियों को एक स्वस्थ पर्यावरण प्रदान करें।

प्र. 1 - लेखक ने पहाड़ों से हमें कौन-सा संदेश लेने की बात कही है? 1

- (i) कठिनाइयों से डरने का (ii) ऊँचे लक्ष्य प्राप्त करने का
(iii) आराम से जीवन जीने का (iv) प्रकृति से दूरी बनाने का

प्र. 2 - नदियों से हमें कौन-सी शिक्षा मिलती है? 1

- (i) रुकावटों को सहने की (ii) निरंतरता और उदारता की
(iii) तेज बहाव से बचने की (iv) शांति और मौन की

प्र. 3 - लेखक ने जंगलों को किसके भंडार के रूप में बताया है? 1

प्र. 4 - लेखक ने औद्योगिक विकास के साथ किसकी आवश्यकता पर बल दिया है? 1

प्र. 5 - प्रकृति के संरक्षण की जिम्मेदारी किस पर है? 2

प्र. 6 - हमारे देश की प्रकृति के किस सौंदर्य का वर्णन किया गया है? 2

प्र. 7 - स्वस्थ पर्यावरण भावी पीढ़ी को किस प्रकार प्रदान कर सकते हैं? 2

खंड - 'ख' (व्यावहारिक व्याकरण)

प्रश्न 2- व्याकरण से सम्बंधित प्रश्नों के उत्तर लिखिए।

1. दिए गए वाक्यों में कारक अलग करके कारक भेद लिखिए। 2

क. हे प्रभु! हमारी रक्षा करो।

ख. गिलास हाथ से गिर गया।

2. विशेषण किसे कहते हैं? उदाहरण सहित। लिखिए। 2

3. निर्देशानुसार वाक्य परिवर्तन कीजिए। 2

क. अच्छे बच्चे बड़ों का कहना मानते हैं। (संयुक्त वाक्य)

ख. सूर्य निकलते ही चिड़ियाँ चहकने लगीं। (मिश्र वाक्य)

4. उचित विराम चिह्न लगाइए 2

क. रवि नेहा और बबीता स्कूल गए हैं

ख. हमें पाप पुण्य का ध्यान रखकर कर्म करना चाहिए

5. निर्देश अनुसार उत्तर लिखिए। 2

क. आकाश शब्द का दो पर्यायवाची शब्द लिखिए।

ख. आदि और सुगंध शब्दों के विलोम शब्द लिखिए।

6. दिए गए मुहावरे के अर्थ लिखकर वाक्यों में प्रयोग कीजिए। 3

क. कमर कसना ख. आँख खुलना

7. क्रिया किसे कहते हैं? कर्म के आधार पर इसके भेद उदाहरण सहित लिखिए। 3

खंड - ग (पाठ्य पुस्तक एवं पूरक पुस्तक)

प्रश्न 3- दिए गए पठित गद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए। (1x5=5)

जब नमक का नया विभाग बना और ईश्वरप्रदत्त वस्तु के व्यवहार करने का निषेध हो गया तो लोग चोरी-छिपे इसका व्यापार करने लगे। अनेक प्रकार के छल-प्रपंचों का सूत्रपात हुआ, कोई घूस से काम निकालता था तो कोई चालाकी से, अधिकारियों के पौ-बारह थे। पटवारी का सम्मानित पद छोड़-छाड़कर लोग नमक के विभाग में प्रवेश लेने को, वहाँ दारोगा पद पाने के लिए ललचाते थे। वंशीधर रोजगार की खोज में निकले। उनके पिता एक अनुभवी पुरुष थे। समझाने लगे, "बेटा! घर की दुर्दशा देख रहे हो। ऋण के बोझ से दबे हुए हैं। लड़कियाँ विवाह योग्य हो गई हैं। नौकरी

में ओहदे की ओर ध्यान मत देना। ऐसा काम ढूँढ़ना जहाँ कुछ ऊपरी आय हो। मासिक वेतन तो पूर्णमासी का चाँद है जो एक दिन दिखाई देता है और घटते-घटते लुप्त हो जाता है। ऊपरी आय बहता हुआ स्रोत है जिससे सदैव प्यास बुझती है।"

क. पाठ के लेखक हैं-

1

(i) मुंशी प्रेमचंद (ii) हरिकृष्ण (iii) मुंशी रामचंद (iv) प्रेमचंद (प्रेमी)

ख. किसका व्यापार चोरी - छिपे होने लगा ?

1

(i) शहद (ii) नमक (iii) उपर्युक्त दोनों सही (iv) सभी गलत

ग. लोग दारोगा पद के लिए क्यों ललचाते थे? (वाक्य में उत्तर लिखिए) 1

घ. पिता ने पुत्र को क्या शिक्षा दी ?

2

प्रश्न4- दिए गए पठित पद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए । (1x5=5)

तूफानों की ओर घुमा दो नाविक निज पतवार!

आज सिंधु ने विष' उगला है लहरों का यौवन मचला है आज हृदय में और सिंधु में साथ उठा है ज्वार।

तूफानों की ओर घुमा दो नाविक निज पतवार !

लहरों के स्वर में कुछ बोलो इस अंधड़ में साहस तौलो कभी-कभी मिलता जीवन में तूफानों का प्यार।

तूफानों की ओर घुमा दो नाविक निज पतवार !

क. इस कविता के कवि हैं-

1

(i) शिव सिंह (ii) मंगल सिंह (iii) शिवमंगल सिंह 'सुमन' (iv) सुमन सिंह

ख. कविता का नाम है-

1

(i) तूफानों की ओर घुमा दो.... (ii) नाविक निज पतवार (iii) तूफानों का प्यार (iv) नाविक

ग. इस कविता में कवि नाविक को क्या कह रहा है ?

1

घ. अंधड़ में साहस को कैसे तौला जा सकता है?

2

प्रश्न5- किन्हीं पाँच प्रश्नों के उत्तर लगभग 20-25 शब्दों में लिखिए।

(2x5=10)

1. एक कुशल चिकित्सक बनने के लिए क्या आवश्यक है?

2. राजा ऋषि के आश्रम में क्यों गया?

3. नमक का व्यापार चोरी छिपे क्यों होने लगा?
4. सारे शहर में हलचल मचने का क्या कारण था?
5. बादलों का घर किसे और क्यों कहा गया?
6. नागाओं की वेश-भूषा की क्या विशेषता है?

प्रश्न6- किन्हीं तीन प्रश्नों के उत्तर लगभग 20- 25 शब्दों में लिखिए। (2x3=6)

1. सूरदास ने प्रभु को करुणामय क्यों कहा है?
2. बाबा नन्द के घर का आँगन कैसा है?
3. सागर पर करने के लिए क्या आवश्यक है?
4. ज्ञान वृद्ध किसे कहा गया है और क्यों?

प्रश्न7- किन्हीं चार प्रश्नों के उत्तर लगभग 25-30 शब्दों में लिखिए। (2x4=8)

1. चूड़ामणि कौन था? उसकी मृत्यु किस प्रकार हुई?
2. बाबा भारती ने मानवता का कौन - सा संदेश सभी मनुष्यों को दिया?
3. मनीष की परेशानी का क्या कारण था और उसकी परेशानी कैसे दूर हुई?
4. कुमार कैसा व्यक्ति था?
5. परोपकारी कुमार ने अन्य ग्रामीण नवयुवकों को कैसे सुधारा ?

खंड-घ (रचनात्मक लेखन)

- प्रश्न8- विद्यार्थी जीवन पर सौ (100) शब्दों का अनुच्छेद लिखिए। (5)
- प्रश्न9- बड़े भाई के शुभ विवाह पर अवकाश हेतु प्रधानाचार्या को प्रार्थना पत्र लिखिए। (5)
- प्रश्न10- जन्म-दिवस पर मिले उपहारों के संबंध में दो मित्रों के मध्य 60 शब्दों में संवाद लिखिए। (5)
- प्रश्न11- दिए गए चित्र को ध्यान से देखकर लगभग 50 शब्दों में अपने विचार लिखिए। (5)



**SAMPLE PAPER
CLASS – VII
MATHEMATICS**

TIME: 3 Hrs

MM: 80

GENERAL INSTRUCTION

Read the following instructions carefully.

- Section – A consist of 10 questions of 1 mark each.
- Section – B consist of 10 questions of 2 marks each.
- Section – C consist of 10 questions of 3 marks each.
- Section – D consist of 5 questions of 4 marks each.

SECTION – A

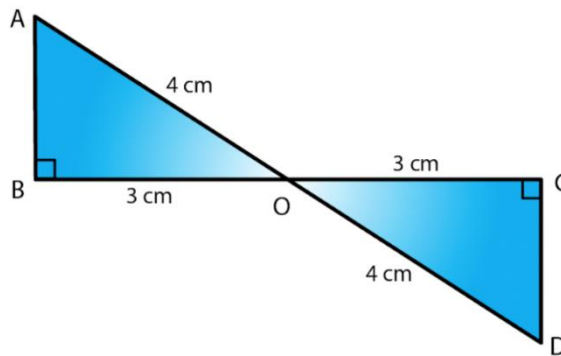
1. Which of the following rational number is not equivalent to $\frac{-4}{5}$?
a) $\frac{-16}{20}$ b) $\frac{-36}{45}$ c) $\frac{-44}{55}$ d) $\frac{-48}{64}$
2. 14:25 = _____ %
a) 64% b) 56% c) 72% d) 28%
3. 32% of 425 is
a) 136 b) 148 c) 172 d) 163
4. If SP= Rs.2000, CP= Rs.1400. Then what is the loss or gain percentage?
a) 60% Gain b) 40% Loss c) 40% Gain d) 60% Loss
5. Which of the following formula is incorrect?
a) $SI = \frac{P \times R \times T}{100}$ b) $P = \frac{SI \times 100}{R \times T}$ c) $A = \frac{P \times R \times T}{100}$ d) $R = \frac{SI \times 100}{P \times T}$
6. Identify the type of triangle on the basis of sides whose sides are 5cm, 6cm and 5cm.
a) Equilateral Triangle b) Isosceles Triangle c) Scalene Triangle d) Can't be determined
7. If two angles of triangle are 28° and 56° then what is the 3^{rd} angle?
a) 96° b) 86° c) 90° d) 106°
8. $(-4)^{-3} = \underline{\hspace{2cm}}$?
a) $\frac{-1}{16}$ b) $\frac{-1}{64}$ c) -64 d) $\frac{1}{64}$
9. Identify the type of algebraic expression: $2x^3 - 4x + 5$
a) Monomial b) Binomial c) Trinomial d) Quadrinomial
10. What is the coefficient of x in $-8xy$?
a) $-8y$ b) -8 c) $-8xy$ d) $8y$

SECTION – B

- One of the acute angle of a right angle triangle is 33° , then find the value of another acute angle.
- Simplify and express each as a rational number: $\left(\frac{4}{9}\right)^6 \times \left(\frac{4}{9}\right)^{-4}$
- Express 768500000 in standard form of exponent.
- Subtract $8p + 3q - 11$ from $4p - 5q - 6$.
- Find the value of x .

$$\frac{1}{2}x - 3 = 5 + \frac{1}{3}x$$

- Three-fifth of a number decreased by 9 gives 12. Find the number.
- In the figure given below prove $\Delta ABO \cong \Delta DCO$.



- If the length and breadth of rectangular carpet is 6.5m and 5.6m respectively. Then find the perimeter of the carpet.
- Find the mode of the following data distribution:

Value of x	5	10	15	20	25	30	35
Frequency	3	6	10	6	10	5	9

- A coin is tossed 70 times and head turns up 45 times. Find the probability of getting a tail.

SECTION – C

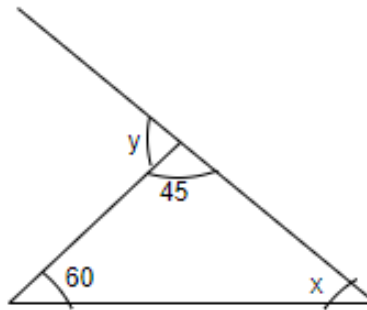
- Arrange the following rational numbers in ascending order.

$$\frac{-3}{4}, \frac{5}{-12}, \frac{-7}{6}, \frac{9}{-24}$$

- An alloy contains 32% copper, 40% zinc and the rest nickel. Find in grams the quantity of each of the contents in 1 kg of alloy.
- Raman sold the wrist watch at a gain of 6%. If cost price of watch is Rs.6500. Find SP.

24. In what time will Rs.3600 amount to Rs.4320 at 8% per annum simple interest?

25. Find the value of angle x and y in below given figure.



26. Simplify: $\left[\left\{ \left(\frac{-1}{4} \right)^2 \right\}^{-2} \right]^{-1}$

27. Find the product of $-3y(y + y^2)$ and also find its value for $y = 2$.

28. Find three consecutive positive even integers whose sum is 54.

29. If $\Delta PQR \cong \Delta XYZ$, then state the following.

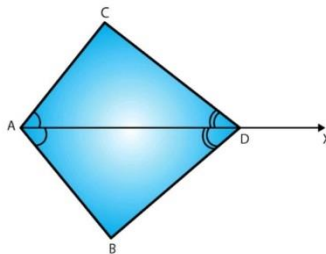
- One corresponding vertex.
- One corresponding side.
- One corresponding angle.

30. Find the mean of first eight odd natural numbers.

SECTION - D

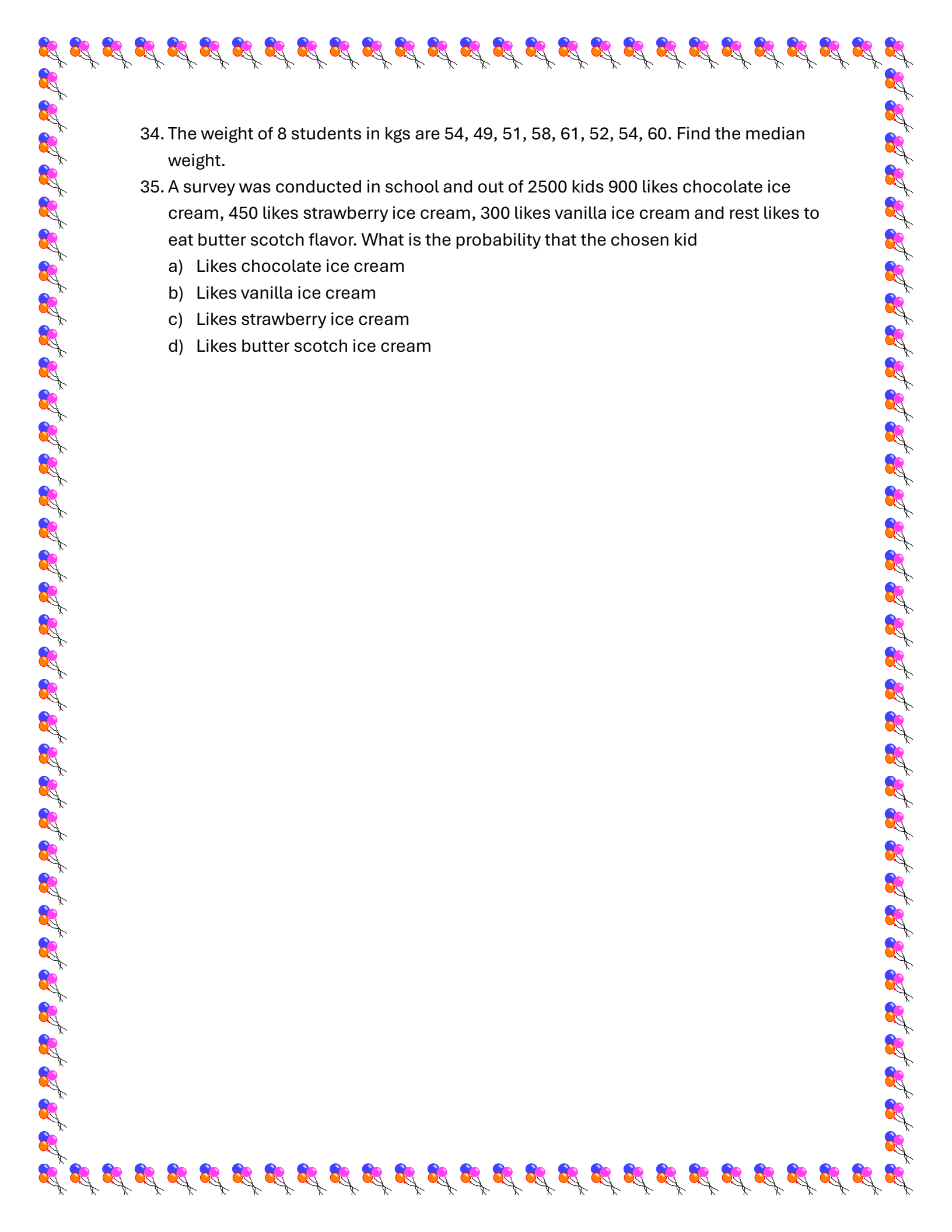
31. In the below given figure, AX bisects $\angle BAC$ as well as $\angle BDC$.

- Prove that $\Delta ACD \cong \Delta ABD$
- Prove $\angle ACD = \angle ABD$.



32. A wire is in the shape of a square of side 10cm. If the wire is rebent into a rectangle of length 12cm. Find the breadth. Which figure encloses more area and by how much?

33. A garden is 90 m long and 75 m broad. A path 5 m wide is to be built outside and around it. Find the area of the path. Also, find the cost of cementing the path at the rate of Rs.250 per square meter.



34. The weight of 8 students in kgs are 54, 49, 51, 58, 61, 52, 54, 60. Find the median weight.

35. A survey was conducted in school and out of 2500 kids 900 likes chocolate ice cream, 450 likes strawberry ice cream, 300 likes vanilla ice cream and rest likes to eat butter scotch flavor. What is the probability that the chosen kid

- a) Likes chocolate ice cream
- b) Likes vanilla ice cream
- c) Likes strawberry ice cream
- d) Likes butter scotch ice cream

SAMPLE PAPER
CLASS- VII
SCIENCE

Time: 3 Hrs.

M.M- 80

General Instructions:

- Section – A contains 20 questions 1 mark each.
- Section – B contains 6 questions 2 marks each.
- Section – C contains 7 questions 3 marks each.
- Section – D contains 3 questions 5 marks each.
- Section – E contains 3 case based questions of 4 marks each.
- All questions are compulsory, however internal choices have been given.

Section – A

CHOOSE THE CORRECT OPTION.

1. Litmus, a natural dye is an extract of which of the following?
a) Beetroot b) China rose (Gudhal) c) Blue berries d) Lichen
2. Which of the following is an acid-base indicator?
a) Vinegar b) Lime water c) turmeric d) baking soda
3. At the time of exhalation, the diaphragm
a) moves down b) move upwards c) does not move d) shakes
4. The opening through which stored urine is passed out of the body is called
a) kidney b) ureter c) urethra d) urinary bladder
5. The absorption of nutrients and exchange of respiratory gases between blood and tissues takes place in
a) capillaries b) veins c) arteries d) none of these
6. How many chambers does human heart have?
a) 1 b) 2 c) 3 d) 4
7. A Hammer, a gong, and a soft iron strip are all parts of _____.
a) electric circuit b) switch c) electric bell d) torch
8. Which of the following diseases is not water- borne?
a) cholera b) jaundice c) diarrhea d) common cold
9. Which one of the following is a physical change?
a) burning of paper b) folding of paper c) rusting of iron d) none of these
10. Male reproductive part of the flower is called as _____.
a) stigma b) carpel c) sepal d) stamen
11. An example of non-luminous object is _____.
a) candle b) the sun c) a lamp d) the moon
12. Which of the following transport water in the plant?
a) xylem b) phloem c) xylem and phloem d) none of these
13. Fusion of male and female reproductive cells is called _____.
a) pollination b) fertilization c) dispersal d) germination

14. Pollination refers to the
- a) transfer of pollen from anther to ovary b) transfer of pollen from anther to stigma
- c) transfer of pollen from stigma to anther d) transfer of pollen from anther to ovule
15. Strawberry falls under which category?
- a) Rhizomes b) Tuber c) bulbs d) runners
16. The 'eye' of the potato plant is, as same as
- a) the root is to any plant. b) the bud is to Bryophyllum leaf
- c) the bud is to a flower d) the anther is to stamen
17. The speed of light is in vacuum
- a) 3×10^5 m/s b) 3×10^8 km/s c) 3×10^7 m/s d) 3×10^6 m/s
18. Sewage includes
- a) human excreta b) water c) garbage d) all of these
19. When an electric current flows through a wire, the wire is heated. This is called:
- a) Boiling effect of current b) Heating effect of current
- c) The hot temperature effect of current d) Magnetic effect of current
20. The change in the direction of light when it hits a mirror is called:
- a) Refraction of light b) Tyndall Effect c) Reflection of light d) None of the above

Section – B

21. What is meant by an indicator? Give its two examples.
22. What is Pollination?
23. Differentiate between Real and virtual image
24. Define the following terms:
i) Influent ii) sludge
25. Why should we not throw:-
a) used tea Leaves into sink?
b) the cooking oil and fats down the drains?
26. Define stomata and draw the diagrams of open and closed stomata.

Section – C

27. Draw and label a diagram of the pistil and stamen of a plant.
28. a) What is respiration?
b) Write respiratory organs for following. i) Fish (ii) Earthworm iii) Cockroach iv) frog
29. What is Electromagnet? Give its 2 uses.

30. a) What is meant by rectilinear propagation of light? Give its 2 applications.

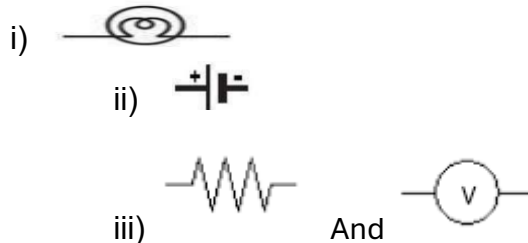
OR

b) Differentiate between regular and diffused reflection along with diagrams.

31. Write 3 ways by which sanitation in public places could be maintained.

32. Give any 2 examples of bases and give any 2 uses of bases.

33. Write the electric components corresponding to the following symbols.



Section – D

34. a) Draw diagram of human respiratory System.

b) Differentiate between Breathing and Respiration.

35. a) Draw well labelled diagram of vertical Section of a flower.

b) Differentiate between unisexual flowers and bisexual flowers.

c) Name the methods of reproduction in Spirogyra?

OR

a) Draw well labelled diagram showing different types of pollination.

b) Differentiate between self-pollination and cross pollination.

c) Name any 2 agents of pollination.

36. a) What do you understand by Dispersion of light?

b) What is Spectrum?

c) Show the dispersion of light with the help of well labelled diagram.

Section – E

37. Paheli observed that most of the fish in the pond of her village were gradually dying. She also observed that the waste of a factory in their village is flowing into the pond which probably caused fish to die.

a. Explain why the fishes were dying.

b. If the factory waste is acidic in nature, how can it be neutralised?

c. What is neutralisation reaction?

d. Write any two neutralisation reactions related to daily life situations.

38. The male gametes are carried inside the pollen tube and from there they are released out and fuse with the female gametes present in the ovary to form eggs zygote. This fusion of male and female gametes is called fertilisation. A zygote is formed after fertilisation.

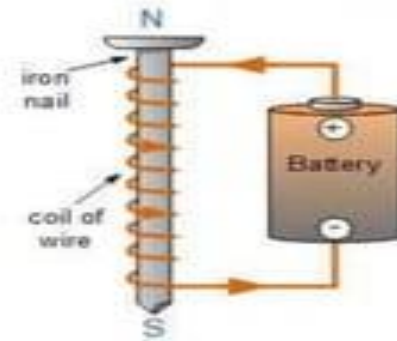
a. What process is described here?

b. What is meant by zygote?

c. What is function of pollen tube?

d. _____ gamete is carried inside the pollen tube to fuse with female gamete.

39. Reshma has wound a long insulated piece of wire around an iron nail in the form of a coil ends of the wire are connected to a cell through a switch as shown in the figure. The current switched on and some pins are placed near the ends of the nail.



- Will the iron nail attract the pins?
- What is the reason behind the observation?
- What will happen if cell is detached from the circuit?
- What will happen if number of turns in wire are increased?

SAMPLE PAPER
CLASS VII
SOCIAL SCIENCE

TIME: 3 Hrs

M.M.: 80

General Instructions:

- This paper consists of 21 questions. All the questions are compulsory.
- Section A carries objective type questions of one mark each.
- Section B carries very short answer type questions of 2 mark each and should be answered in 40 words.
- Section C carries short answer type questions of 3 mark each and should be answered in 60 words.
- Section D carries long answer type questions of 5 mark each and should be answered in 100-120 words.
- Section E carries case-based questions of 4 mark each with four subparts.
- Section F carries map skill-based questions from history (2 marks) and geography (3marks).

SECTION A
OBJECTIVE TYPE QUESTIONS

1. Choose the correct option: (1×5=5)
- a. _____ was an important guild.
i. Nanadesi ii. Mangramam iii. Both of these iv. None of these
- b. The Ahom ruler who converted to Hinduism:
i. Pramatta Singh ii. Sukhappa iii. Rudra Pratap iv. None of these
- c. In which country is the world's longest railway tunnel located?
i. India ii. Canada iii. Brazil iv. Japan

In the questions below, there are two statements marked as Assertion (A) and Reason (R). Read the statements and choose the correct option:

d. **Assertion(A):** The climate of cold tundra vegetation is so cold that the ground is frozen for most part of the year.

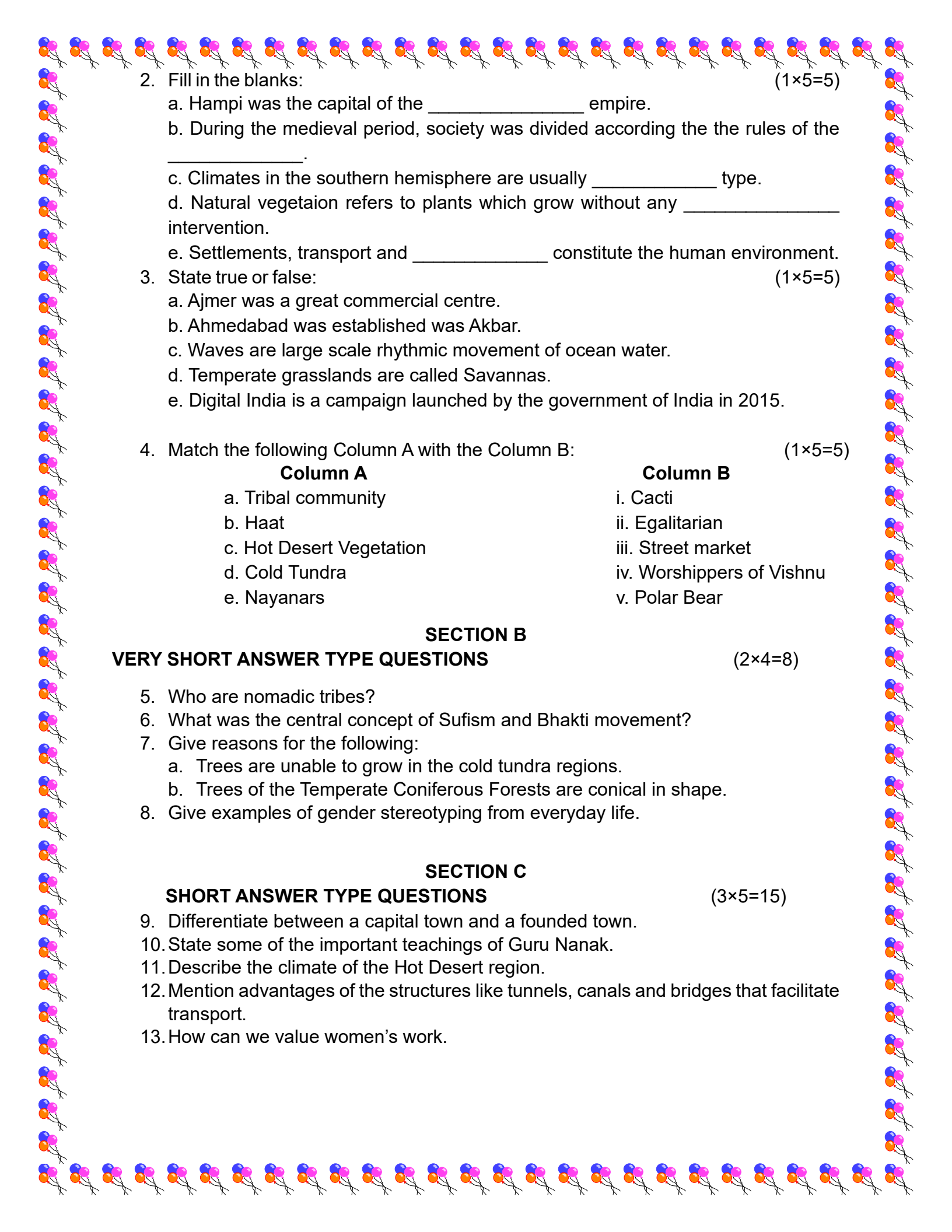
Reason(R): There is very low insolation due to the slanting angle of the Sun's rays.

- i. Both (A) and (R) are true, and (R) is the correct explanation of (A).
- ii. Both (A) and (R) are true, but (R) is not the correct explanation of (A).
- iii. (A) is true, but (R) is false.
- iv. (A) is false, but (R) is true.

e. **Assertion(A):** Media is called the fourth pillar of democracy.

Reason(R): Media conveys information and develops public opinion.

- i. Both (A) and (R) are true, and (R) is the correct explanation of (A).
- ii. Both (A) and (R) are true, but (R) is not the correct explanation of (A).
- iii. (A) is true, but (R) is false.
- iv. (A) is false, but (R) is true.

- 
2. Fill in the blanks: (1×5=5)
- Hampi was the capital of the _____ empire.
 - During the medieval period, society was divided according to the rules of the _____.
 - Climates in the southern hemisphere are usually _____ type.
 - Natural vegetation refers to plants which grow without any _____ intervention.
 - Settlements, transport and _____ constitute the human environment.
3. State true or false: (1×5=5)
- Ajmer was a great commercial centre.
 - Ahmedabad was established by Akbar.
 - Waves are large scale rhythmic movement of ocean water.
 - Temperate grasslands are called Savannas.
 - Digital India is a campaign launched by the government of India in 2015.

4. Match the following Column A with the Column B: (1×5=5)

Column A

- Tribal community
- Haat
- Hot Desert Vegetation
- Cold Tundra
- Nayanars

Column B

- Cacti
- Egalitarian
- Street market
- Worshippers of Vishnu
- Polar Bear

SECTION B

VERY SHORT ANSWER TYPE QUESTIONS

(2×4=8)

- Who are nomadic tribes?
- What was the central concept of Sufism and Bhakti movement?
- Give reasons for the following:
 - Trees are unable to grow in the cold tundra regions.
 - Trees of the Temperate Coniferous Forests are conical in shape.
- Give examples of gender stereotyping from everyday life.

SECTION C

SHORT ANSWER TYPE QUESTIONS

(3×5=15)

- Differentiate between a capital town and a founded town.
- State some of the important teachings of Guru Nanak.
- Describe the climate of the Hot Desert region.
- Mention advantages of the structures like tunnels, canals and bridges that facilitate transport.
- How can we value women's work.

SECTION D

LONG ANSWER TYPE QUESTIONS

(5×4=20)

14.A. How did the Ahom kingdom come to an end?

Or

B. Discuss how the tribals earn their living?

15.A. What are the effects of water pollution?

Or

B. Enumerate any five effects of ocean currents.

16.A. Elaborate on the social influences that determine the gender roles of children in India.

Or

B. What steps has the government taken for women empowerment?

17.A. What are the things that media should keep in mind to be ethical and accountable?

Or

B. What is the role of the Information and Broadcasting Ministry?

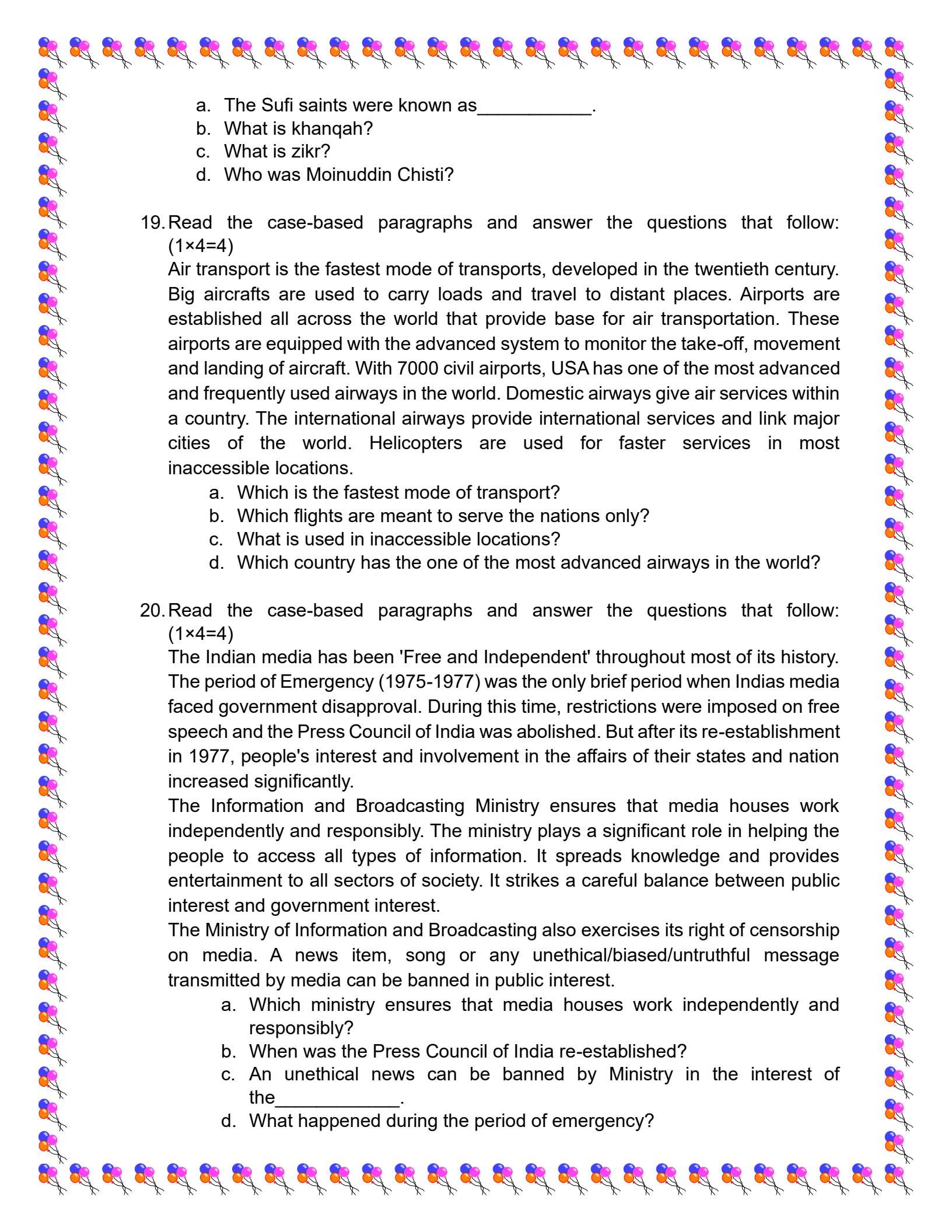
SECTION E

CASE BASED TYPE QUESTIONS

18. Read the case-based paragraphs and answer the questions that follow:
(1×4=4)

The Sufi saints were known as pirs. They held their assemblies in hospices known as khanqahs. Discussions, music and dance sessions or zikr (chanting of God's name) used to take place here. People believed that pirs had miraculous powers to help the needy. Each pir had a different method or tariqa of instruction. Devotees, common people and even kings visited these khanqahs to take the blessings of the saints. A tomb or a dargah of a Sufi saint was considered a pilgrimage which was visited by people from all faiths. Sufism crystallised itself into various 'Silsilas' or orders. There were 12 silsilas. The 4 most popular among these were Chistis, Suhrawardis, Qadiriya and Naqshbandis. The Chisti silsila was very known and had saints like Syed Moinuddin Chisti, Khwaja Nizamuddin Auliya and Baba Farid.

Moinuddin Chisti was a famous Sufi saint who settled at Ajmer. He led a simple ascetic life based on piety and devotion to God. He believed that serving mankind was the best form of devotion and therefore he worked amongst the downtrodden. During Mughal period, Ajmer became a leading pilgrim centre because the emperors regularly visited his tomb. The extent of his popularity can be seen by the fact that even today, millions of Muslims and Hindus visit his dargah for fulfilment of their wishes.

- 
- a. The Sufi saints were known as _____.
 - b. What is khanqah?
 - c. What is zikr?
 - d. Who was Moinuddin Chisti?

19. Read the case-based paragraphs and answer the questions that follow:
(1×4=4)

Air transport is the fastest mode of transports, developed in the twentieth century. Big aircrafts are used to carry loads and travel to distant places. Airports are established all across the world that provide base for air transportation. These airports are equipped with the advanced system to monitor the take-off, movement and landing of aircraft. With 7000 civil airports, USA has one of the most advanced and frequently used airways in the world. Domestic airways give air services within a country. The international airways provide international services and link major cities of the world. Helicopters are used for faster services in most inaccessible locations.

- a. Which is the fastest mode of transport?
- b. Which flights are meant to serve the nations only?
- c. What is used in inaccessible locations?
- d. Which country has the one of the most advanced airways in the world?

20. Read the case-based paragraphs and answer the questions that follow:
(1×4=4)

The Indian media has been 'Free and Independent' throughout most of its history. The period of Emergency (1975-1977) was the only brief period when Indias media faced government disapproval. During this time, restrictions were imposed on free speech and the Press Council of India was abolished. But after its re-establishment in 1977, people's interest and involvement in the affairs of their states and nation increased significantly.

The Information and Broadcasting Ministry ensures that media houses work independently and responsibly. The ministry plays a significant role in helping the people to access all types of information. It spreads knowledge and provides entertainment to all sectors of society. It strikes a careful balance between public interest and government interest.

The Ministry of Information and Broadcasting also exercises its right of censorship on media. A news item, song or any unethical/biased/untruthful message transmitted by media can be banned in public interest.

- a. Which ministry ensures that media houses work independently and responsibly?
- b. When was the Press Council of India re-established?
- c. An unethical news can be banned by Ministry in the interest of the _____.
- d. What happened during the period of emergency?



SECTION F
MAP SKILL BASED QUESTIONS

21. A. On the political map of India, locate and label the following: (2)

- i. Hampi
- ii. Surat

B. On the physical map of the world, mark and label any **three** of the following:

- (3)
- i. Gulf Stream
 - ii. Lebrador Current
 - iii. Peru Current
 - iv. Kuroshio Current

सातवीं संस्कृत

समय:3 घंटे

पूर्णांक:80

सामान्य निर्देश —

- सभी प्रश्न अनिवार्य हैं।
- उत्तर सुंदर व सुस्पष्ट शब्दों में लिखें।

प्रश्न 1. अपठित गद्यांश को पढ़कर नीचे दिए गए प्रश्नों के उत्तर दीजिए।

5

ग्रामे एकः वृद्धः तपस्वीः निवसति। सः प्रतिदिनं प्रातःकालं नद्यां स्नानं करोति। तत्र सः वृक्षस्य छायायाम् उपविशति। बालकाः प्रतिदिनं तस्य समीपं गच्छन्ति। वृद्धः तान् नैतिकं पाठं पाठयति। सः अहिंसा, सत्यं, दया च उपदेशं करोति। बालकाः तस्य वचनानि श्रद्धया शृण्वन्ति।

प्रश्नाः

1. वृद्धः कस्य ग्रामे निवसति?
2. सः प्रतिदिनं किं करोति?
3. बालकाः वृद्धं कुत्र मिलन्ति?
4. वृद्धः बालकेभ्यः किं पाठयति?
5. वृद्धस्य उपदेशे के विषयाः सन्ति?

प्रश्न 2. श्लोक को पढ़कर पूछे गए प्रश्नों के लिखिए।

5

विद्या ददाति विनयं, विनयाद् याति पात्रताम्।
पात्रत्वात् धनमाप्नोति, धनात् धर्मं ततः सुखम्॥

प्रश्नाः

1. विद्या किं ददाति?
2. विनयात् किम् प्राप्यते?
3. पात्रत्वात् कः लाभः भवति?
4. 'धनम्' शब्दस्य अर्थं कः?
5. धनस्य अनन्तरं कः विषयः उल्लेखितः अस्ति?

प्रश्न 3. निम्न शब्दों के अर्थ लिखिए।

5

दुखिनः, वृष्टिः, भूषयन्ति, विषये, प्रति, असत्यम्, पावनम्, प्रभृतिः, तेषाम्,

स्फोटकाः

- क) सः ___ धेनूः चारयति ।(नगरे,वने)
 ख) सः ___ वदति-सिंहः आगच्छति। (शनैः, उच्चैः)
 (ग) जनाः स्व-गृहेषु ___ कुर्वन्ति । (देवपूजनम्,लक्ष्मीपूजनम्)
 घ) एवं उत्सवं ___ अपि कथयन्ति (होलिकोत्सवः, दीपोत्सवः)
 ङ) ___ वायुः वहति। स्म। (उष्णः,शीतलः)

प्रश्न 5. रेखांकित शब्द के आधार प्रश्न-निर्माण कीजिए-

5

- क) खगाः नीडेषु सुखेन वसन्ति स्म ।
 ख) पिपीलिकः मन्दं-मन्दं चलति।
 ग) वानरः खगानां वचनानि अश्रुणोत्।
 घ) उद्यमस्य परिणामः सुखदःभवति।
 ङ.) स्फोटकाः वातावरणं प्रदूषयन्ति।

प्रश्न 6.पूर्ण वाक्य में उत्तर दीजिए।

10

- क) वर्षा काले निरन्तरं का अभवत् ?
 ख) बहूनि पुस्तकानि कुत्र सन्ति ?
 ग) एकस्मिन् दिने सत्यमेव सिंहः कुत्र आगच्छति ?
 (घ) जनाःकान् प्रज्वालयन्ति ?
 ङ) दुर्बुद्धिः पूर्वमपि कान् प्रतारयति ?

प्रश्न 7.निम्न गद्यांश का हिंदी में अनुवाद कीजिए-

5

एषः मम विद्यालयः अस्ति। अस्य भवनं विशालम् अस्ति। एषः नगरस्य मध्ये अस्ति। मम गृहम् तु विद्यालयस्य समीपे एव अस्ति। वयं सर्वे अत्र आनन्देन पठामः। वयं समयेन अत्र आगच्छामः। शिक्षकान् प्रणमामः ।

प्रश्न 8.समान अर्थ वाले शब्द लिखिए-

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पक्षिणः,विद्यालयः , पवनेन ,
 नीचेः , पुनः।

प्रश्न 9. निम्नलिखित संख्याओं को संस्कृत में लिखिए-

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52 , 55 , 60 , 68 , 76 ,
 80 , 83 , 90 , 93 , 99

प्रश्न 10. निम्न में से किसी एक विषय पर पाँच पंक्तियाँ संस्कृत में लिखिए ।

5

मम विद्यालयः , दीपोत्सवः

प्रश्न 11. क्त्वा प्रत्यय जोड़कर लिखिए।

3

पा, गम्, नम्,

स्था, पठ्, भू

प्रश्न 12. मिलान कीजिए-

2

क) दीपज्योतिः अमृतम् गमय

ख) तमसो मा सद्गमय

ग) असतो मा ज्योतिर्गमय

घ) आत्मदीपो नमः तुभ्यम्

प्रश्न 13. विभक्ति और वचन लिखिए-

2

गृहेषु, आपणानाम्,

प्रश्न 14. निर्देशानुसार धातुरूप लिखिए।

9

क) चल् धातु - लोट् लकार रूप (तीनों पुरुषों व तीनों वचनों में)

ख) खाद् धातु - लङ् लकार रूप (तीनों पुरुषों व तीनों वचनों में)

प्रश्न 15. निर्देशानुसार शब्दरूप लिखिए।

9

क) बालिका - प्रथमा, तृतीया, पंचमी विभक्तिः

ख) मुनि - द्वितीया, चतुर्थी, षष्ठी विभक्तिः