

## CLASS VIII SAMPLE PAPER

Subject :- English  
TERM-1

**Time Allowed: 3 hours**

**Maximum Marks - 80**

### GENERAL INSTRUCTIONS:

1. This paper consists of three sections: A, B and C.
2. Attempt all the questions.
3. All the questions must be correctly numbered as in the question paper and written in the answer sheet provided to you.
4. Ensure that questions of each section are answered together.
5. Read each question carefully and follow the instructions.
6. Strictly adhere to the word limit given in the paper.
7. Do the paper neatly and in a presentable manner.

### SECTION -A (READING)

(20 marks)

1. Read the following passage carefully and based on your understanding of passage answer the questions that follow: (1x8=8)

#### TULSI-THE WONDERFUL PLANT

1 The Tulsi plant seen in most Hindu homes is known as the Holy or Sacred Basil (botanical name: *Ocimum sanctum*). It is an aromatic herb. The leaves of this plant are used in worship and also have medicinal and curative properties. There are at least 150 varieties of basil in the world.

2 In the olden days, temples served as rest-houses for travellers. The Tulsi plant was grown outside the temples because of its unique property of curbing thirst. A couple of leaves under the tongue and the weary traveller looking for water would feel less thirsty. The basil, a native of India, reached Western Europe only in the 16th century. Now it is widely grown all over the world.

3 Every part of the Tulsi plant, from roots to leaves, possesses health-giving properties. Its use as a medicine in different ailments has been known from ancient times in the Ayurvedic system. The leaves of the basil yield an essential oil which contains eugenol, carvacrol, methyl eugenol and caryophyllene. It has the property of destroying bacteria and insects. The juice of the leaves is used in treatment of bronchitis and gastric disorders. The leaves act as a nerve tonic and sharpen the memory. They promote the removal of catarrhal matter and phlegm from the bronchial tubes. Chewing Tulsi leaves is said to cure headache. For severe migraine, inhale the essential oil of basil dropped in boiling water, or drink basil tea.

4. It is widely believed that juice of Tulsi leaves, mixed with a little honey, taken daily is good for health. If a couple of leaves have been added while boiling the water for tea, it has a distinct flavour and taste and is

also good for health. It is also soothing and relieves tension. Made with either fresh or dried Tulsi leaves, basil tea brings about a mild perspiration and with the addition of a pinch of a ground cloves and cinnamon, it reduces fever as well.

Q1. Which of the following is a characteristic feature of Tulsi (Holy Basil)?

- A) Its ability to cure migraines instantly
- B) Its role in reducing fever when added to tea with cloves and cinnamon
- C) Its origin in Western Europe during the 16th century
- D) Its use only in religious ceremonies

Q2. Why was Tulsi traditionally grown outside temples in ancient times?

- A) To add fragrance to temple surroundings
- B) To serve as a natural remedy for tired travelers
- C) To keep away insects and bacteria
- D) To use in religious rituals

Q3. Which components are found in the essential oil of Tulsi leaves?

- A) Eugenol, carvacrol, methyl eugenol, and caryophyllene
- B) Lavender, peppermint, lemon, and rosemary
- C) Vanilla, cinnamon, ginger, and turmeric
- D) Sandalwood, myrrh, frankincense, and patchouli

Q4. What is a common medicinal use of Tulsi leaves according to Ayurvedic tradition?

- A) Treatment of skin diseases
- B) Treatment of malaria
- C) Treatment of diabetes
- D) Treatment of bronchitis

Q5. Which practice is believed to relieve headaches according to the information about Tulsi?

- A) Chewing Tulsi leaves
- B) Drinking Tulsi tea with honey
- C) Inhaling Tulsi essential oil
- D) Applying Tulsi paste on the forehead

Q6 State True OR False :

For migraine the essential oil of basil dropped in cold water is inhaled or basil tea is drunk. 7.

Q7. The leaves of this plant have -----and properties.

Q8. Find a word in paragraph which means “sweat”(Para 4).

**2) Read the passage carefully and answer the following questions:**

- 1 Necessity is indeed the mother of invention. When areas in and around Leh began to experience water shortages, life didn't grind to a halt. Why? Because Chewang Norphel, a retired civil engineer in the Jammu and Kashmir government came up with the idea of artificial glaciers.
- 2 Ladakh, a cold desert at an altitude of 3,000-3,500 meters above sea level, has a low average annual rainfall rate of 50mm. Glaciers have always been the only source of water. Agriculture is completely dependent on glacier melt unlike the rest of river/monsoon-fed India. But over the years with the increasing effects of climate change, rainfall and snowfall patterns have been changing, resulting in severe shortage and drought situations. Given the severe winter conditions, the window for farming is usually limited to one harvest season.
3. It is located between the natural glacier above and the village below. The one closer to the village and lowest in altitude melts first, providing water during April/May, the crucial sowing season. Further layers of ice above melt with increasing temperature thus ensuring continuous supply to the fields. Thus, farmers have been able to manage two crops instead of one. It costs about Rs.1,50,000 and above to create one.
4. Fondly called the „glacier man“, Mr. Norphel has designed over 15 artificial glaciers in and around Leh since 1987. In recognition of his pioneering effort, he was conferred the Padma Shri by President Pranab Mukherjee, in 2015.
5. There are a few basic steps followed in creating the artificial glacier. River or stream water at higher altitudes is diverted to a shaded area of the hill, facing north, where the winter sun is blocked by a ridge or a mountain range. At the start of winter/November, the diverted water is made to flow onto the sloping hill face through distribution channels. Stone embankments are built at regular intervals which impede the flow of water, making shallow pools and freeze, forming a cascade of ice along the slope. Ice formation continues for 3-4 months resulting in a large accumulation of ice which is referred to as an “artificial glacier”.

Month /Year	April	May	June	July	August	September
2010	3410	16518	22889	22415	5575	3041
2011	3001	26310	33908	46843	37756	20833

**Number of tourists who visited Leh**

Choose the correct answer from the options given below :

1. Pick the option that correctly states for how many months does the ice formation continue in Leh?

- a) 2 months.
- b) 3-4 months.
- b) 5 months.
- d) All around the year

2. Select the option that is true for the two statements given below.

**(1) Mr. Norphel designed 15 artificial glaciers in Leh.**

**(2) Farmers have been able to manage two crops instead of one.**

- a) (2) is not the result of (1)
- b) (1) is the reason for (2)
- c) (2) is independent of (1)
- d) (1) contradicts (2)

3. What can we say about the landform of Ladakh?

- a) It is a hot desert with golden dunes.
- b) It is a desert with cactus and hot winds all around.
- c) It is a mixed landscape that is sometimes hot and sometimes cold.
- d) It is a cold desert with little rainfall.

4. Pick the correct sequence for the creation of an artificial glacier:

- 1. Ice formation continues for 3-4 months resulting in a large accumulation of ice which is referred to as an "artificial glacier".
- 2. At the start of winter/November, the diverted water is made to flow onto the sloping hillface through distribution channels.
- 3. River or stream water at higher altitude is diverted to a shaded area of the hill, facing north, where the winter sun is blocked by a ridge or a mountain range.
- 4. Stone embankments are built at regular intervals which impede the flow of water, making shallow pools and freeze, forming a cascade of ice along the slope.

- a) 1,2,3,4.                      b) 2,1,3,4.                      c) 3,2,4,1.                      d) 4,3,2,1.

5. The tabular graph given depicts that maximum tourists visited Leh in -----

- a) August 2010                      b) August 2011                      c) July 2010                      d) July 2011

6. The word „embankments“ in the passage DOES NOT mean the same as:

- a) Lowland                      b) mound                      c) ridge                      d) bank

7. The number of visitors to Leh in July 2011 was ----- than those who visited in July 2010.

8. Write an adjective that appropriately describes Chewang Norphel.

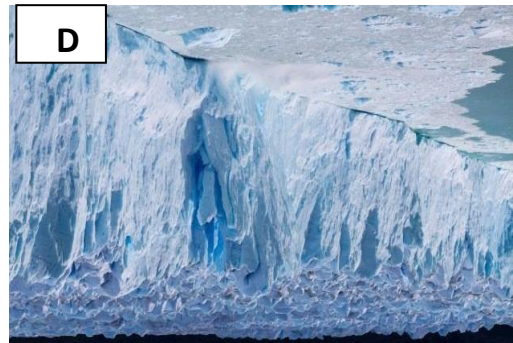
9. Pick the facts that are NOT TRUE about Chewang Norphel.

- a) He was a retired civil engineer in the Jammu and Kashmir government.
- b) He designed 15 glaciers in Jammu and Kashmir.
- c) He is also known as „Glacier Man“.
- d) He was conferred with the „Padamshri“ Award.

10. What is the tone of the writer in the given passage?

11. The word „impede“ in para 5 means-----

12. Which of the following is the picture of glacier.



**SECTION -B (WRITING AND GRAMMAR)**

**(30 marks)**

**3. You are Vidhi/Vivek, the secretary of the Science club of your school. Draft a notice for your school notice board inviting projects from the classes VI to VIII for the Science exhibition which is to be held in your school. Please give all the necessary details. (4)**

**OR**

**Complete the following dialogues**

Shikha : Hello Rupashi. I plan to spend my vacation learning (a)-----  
What are your plans?  
Rupashi. : (b)\_\_\_\_\_  
Shikha : That's great. I wish to take a course in computers.  
Rupashi : (c)\_\_\_\_\_?  
Shikha : That would be nice. It would be fun going together.  
Rupashi : Should I get a form for you?  
Shikha : (d)\_\_\_\_\_.

**4. You are Shivam, a student of class VIII. Write an article in about 120 – 150 words for your on the topic, „Love and compassion - the need for humanity.“ Refer to the unit Compassionate Souls along with your own ideas. (8)**

**OR**

Imagine you are „Radhika/Sumit. Prepare a speech to be delivered in the school morning assembly on the topic “The Role Of Technology In Our Life”, with reference to the Reader unit “Changing Times” as well as your own ideas

**5. The following passage has not been edited. There is one error in each of the lines. Write the incorrect word and correction in your answer sheets as given below against the correct blank number. Remember to underline the word that you have supplied. (4)**

Chocolate can make peoples happy.	(example)	peoples	-	<u>people</u>
Chocolate are also considered very	(a)	.....		.....
good for health. One bar off chocolate	(b)	.....		.....
have more protein than one banana.	(c)	.....		.....
You might had heard people saying	(d)	.....		.....
that chocolates spoil the teeth.				

**6. Look at the words and phrases below. Rearrange them to form meaningful sentences. (4)**

- a) backbone of / is the / institution / educational / every / library.
- b) books / on / there are / different / plenty of / subjects.
- c) plays / in improvising / the librarian / an important part / reading habit.
- d) the proper / to maintain / library / functioning of / contribute / student can also.

**7. Read the following conversation and report it by completing the paragraph: (1×4)**

**Shivam** : What are you doing here?  
**Rohit** : I have just come back from my holiday in Kashmir.  
**Shivam** : Did you enjoy it?  
**Rohit** : I love Kashmir and the people of Kashmir were so friendly.

Shivam (a)\_\_\_\_\_. Rohit (b)\_\_\_\_\_.  
Shivam enquired (c)\_\_\_\_\_enjoyed it. Rohit told him (c)\_\_\_\_\_.

**Q8 Choose the correct word from the options given below to complete the following passage. (1x3=3)**

Pollution (a)\_\_\_\_\_ (become/became/has become) a very serious problem in our country. All our important cities are found to be the most polluted. Smaller industrial towns (b)\_\_\_\_\_ (be/are/is) also polluted. Two major areas of pollution are air and water. Air pollution means that there is no pure air to breathe in and this results in a lot of health problems. The body (c) \_\_\_\_\_ (doesn't/don't/didn't) get its required supply of oxygen.

**Q9 Do as directed: (1x3=3)**

- (a) His grandfather \_\_\_\_\_ cross this river when he was young. (Fill in a suitable Modal)  
(b) The committee \_\_\_\_\_ submitted its report. Fill the verb according to the subject  
(c) My God those are some wonderfully great decorations. (Put exclamation)

**SECTION -C (LITERATURE) (30 Marks)**

**Q10 Attempt ANYONE extract out of the two given below :**

**(1x4=**

**4) Read the following extract and answer the questions that follow.**

**(4)**

**And that growing old should be gone about gracefully- She'd laugh and say, 'Well, I'll grow old disgracefully. I can do it better.' And we had to agree; For in all the garden there wasn't a tree She hadn't been up, at one time or another.**

- a) What did the family suggest to Granny? 1  
b) What could the grandmother do better and how? 1  
c) What had "we" to agree to? 1  
d) For in all the garden there \_\_\_\_ a tree 1

OR

Your caring hands, tenderly removing the pain Your love, your



care, your faith gave me strength To face the world without fear  
and with His strength, We will meet again on the great Judgment  
Day, My Mother!

- (a) Name the poem and the poet of the above extract. 1  
(b) What removed the child's pain? 1  
(c) Name the figure of speech given in the second line. 1  
(d) "We will meet again on the great Judgment Day" reveals 1

**Q11 Attempt ANY ONE extract out of the two given below: (1x4=4)**

**1. 'Do you remember the first time I saw you?'**

- (a) Who said this and to whom? 1  
(b) What happened when the listener heard this? 1  
(c) Did he have fond memories of that meeting? Why? 1

**OR**

**'Loaf about less on Sundays and you will be without a headache on Monday?'**

- a) Who is the speaker and who is being addressed? 1  
b) Why is there a reference to a headache? 1  
c) Why does the speaker say this? 1

**11 Attempt ANY SIX short answer type questions out of the seven given below: (30-40 words). (2x6=12)**

- a) Why did the King find the hermit's answers to be more satisfying than those of the scholars.  
b) Why did the wounded man confess his guilt knowing fully well that it could cost him his life?  
c) How did Margie react when Tommy told her that 20<sup>th</sup> century schools had human teachers?  
d) What undaunted demand did Granny make one day? Why was it fulfilled?  
e) The author thought he had been avenged. How? (The Luncheon)  
f) What technical error occurred in Tommy's mechanical teacher? How was it rectified?  
g) State the reason why Swami couldn't deliver the letter to the headmaster?

13 How is the granny in the poem Granny's tree climbing different from today's grandmother? Compare and contrast in your own words (70-80 words) (4)

**OR**

The poet, APJ Abdul Kalam, hopes to meet his mother „on the great judgment day“. What does it tell you about his character?

14 Imagine you are the narrator. Write a diary entry expressing your satisfaction on observing the woman put on a lot of weight when you met her after twenty years.

**OR**

Swami had to knit a web of lies for skipping the school in which he himself got entangled. Imagine that you are Swami. Write a letter to your friend sharing your experience . (80-90 words)



	<p>जीवन व्यतीत करनेवाले व्यक्ति को भी कभी हतप्रभ होकर अपने आत्मसम्मान पर आँच नहीं आने देनी चाहिए। सादगी मनुष्य के चरित्र का अंग है वह बाहरी चीज़ नहीं है।</p> <p>(i) संसार में अमर होने के लिए किन गुणों की आवश्यकता है?</p> <p>(क) कभी मृत्यु न होना</p> <p>(ख) गरीब परिवार में जन्म लेना।</p> <p>(ग) अपने पीछे कुछ आदर्श छोड़ जाना।</p> <p>(घ) हतप्रभ रहना</p> <p>(ii) चारित्रिक विकास के लिए निम्नलिखित में से कौन-सा गुण आवश्यक नहीं है?</p> <p>(क) विनय</p> <p>(ख) कष्ट-सहिष्णुता</p> <p>(ग) गरीब होना</p> <p>(घ) साहस</p> <p>(iii) सादगी का संबंध निम्नलिखित में से किसके साथ है?</p> <p>(क) गरीबी के साथ</p> <p>(ख) इच्छा के साथ</p> <p>(ग) विचारों के साथ</p> <p>(घ) सादे वस्त्रों के साथ</p> <p>(iv) जीवन में सादगी लाने के लिए कौन-सी दो बातें करणीय हैं?</p> <p>(v) व्यक्ति की सच्ची पहचान किस विशेषता से होती है और क्यों?</p>	<p>1</p> <p>1</p> <p>2</p> <p>2</p>
<p>2.</p>	<p>निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर इस पर आधारित प्रश्नों के उत्तर लिखिए-</p> <p>किसी भी देश की पहचान उस देश के नागरिकों से होती है। यदि देश के नागरिक सभ्य, सुसंस्कृत तथा देश के प्रति समर्पित हैं, तो उस देश की उन्नति निश्चित समझो। अतः सभी मनुष्यों का दायित्व है कि देश एवं समाज के प्रति अपने कर्तव्यों का पालन</p>	<p>7</p>

पूरी निष्ठा एवं ईमानदारी से करें। हम अपने लिए तो सब कुछ चाहते हैं, परंतु करना कुछ नहीं चाहते। हमारे लिए अधिकार सर्वोपरि हैं और हम अपने कर्तव्यों से विमुख हो जाते हैं। हम अपने अधिकारों के लिए धरना देते हैं, दूसरों को कोसते हैं, तरह-तरह के आरोप एक-दूसरे पर लगाते हैं, परंतु अपने कर्तव्यों को पूरी तरह से अनदेखा कर देते हैं। प्रत्येक नागरिक में यदि देश के प्रति सकारात्मक सोच हो तो ऐसा देश उन्नति के पथ पर अग्रसर रहता है। कई बार हम अपने व्यक्तिगत स्वार्थ के लिए सामाजिक हित को अनदेखा कर देते हैं। इस प्रवृत्ति के कारण देश की प्रगति में रुकावट आती है। इससे व्यक्ति तथा समाज का समुचित विकास नहीं हो पाता और ऐसा राष्ट्र आदर्श राष्ट्र नहीं बन पाता। कुछ छोटी-छोटी बातों जैसे सार्वजनिक स्थानों पर गंदगी न फैलाना, शौचालयों का प्रयोग करना, वैवाहिक आदि कार्यक्रमों में लाउडस्पीकर का मंद आवाज़ में प्रयोग करना, प्रतिबंधित क्षेत्रों में प्रयोग न करना, असहायों की सहायता करना, रिश्वतखोरी से दूर रहना आदि ऐसे न जाने कितने कर्तव्य हैं, जिनका पालन कर हम देश की प्रगति में सहयोग कर सकते हैं। हमें याद रखना चाहिए कि जब-जब देश के नागरिकों ने दुर्गुणों को अपनाया, उन्हें गुलामी की जंजीरों ने जकड़ा और जब हम एकजुट हुए और हमने अपने कर्तव्यों का पालन किया तो पूरा आसमान हमने अपनी मुट्ठी में बंद कर लिया।

1

1

1

(i) हमें अपने अधिकारों को प्राप्त करने के लिए क्या करना चाहिए?

(क) धरना देना चाहिए।

(ख) दूसरों को कोसना चाहिए।

(ग) कर्तव्यों का पालन करना चाहिए।

(घ) दूसरों पर आरोप लगाना चाहिए।

(ii) सामाजिक शब्द में मूल शब्द है -

(क) सामाज

(ख) समाज

(ग) समाजि

(घ) जिक

2

2

(iii) निम्नलिखित कथन (A) तथा कारण (R) को ध्यानपूर्वक पढ़िए। उसके बाद दिए

	<p>गए विकल्पों में से कोई एक सही विकल्प चुनकर लिखिए।</p> <p>कथन (A) : व्यक्ति तथा समाज का समुचित विकास नहीं हो पाता।</p> <p>कारण (R) : हम अपने व्यक्तिगत स्वार्थ के लिए सामाजिक हित को अनदेखा कर देते हैं।</p> <p>(क) कथन (A) तथा कारण (R) दोनों गलत हैं।</p> <p>(ख) कथन (A) गलत है, लेकिन कारण (R) सही है।</p> <p>(ग) कथन (A) सही है लेकिन कारण (R) उसकी गलत व्याख्या करता है।</p> <p>(घ) कथन (A) तथा कारण (R) दोनों सही हैं तथा कारण (R) कथन (A) की सही व्याख्या करता है।</p> <p>(iv) किसी भी देश की प्रगति में कौन-से तत्व बाधा डालते हैं ?</p> <p>(v) नागरिकों से देश की उन्नति संभव है, कैसे? स्पष्ट कीजिए।</p>	
	<p>खंड ख (व्यावहारिक व्याकरण)</p>	<p>(20)</p>
<p>3.</p> <p>4.</p> <p>5.</p>	<p>निम्नलिखित प्रश्नों के उत्तर निर्देशानुसार लिखिए -</p> <p>(i) दिए गए शब्द में अनुनासिक का उचित प्रयोग कर शब्द पुनः लिखिए- भावनाए</p> <p>(ii) दिए गए शब्द में अनुस्वार का उचित प्रयोग कर शब्द पुनः लिखिए- पसद</p> <p>(iii) दिए गए शब्द में 'र' के उचित रूप का प्रयोग कीजिए - गाहक</p> <p>निम्नलिखित प्रश्नों के उत्तर निर्देशानुसार लिखिए-</p> <p>(i) 'अध' उपसर्ग में मूल शब्द जोड़कर नया शब्द बनाइए।</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1+1</p>

	(ii) 'दयालु' शब्द में से मूल शब्द व प्रत्यय अलग करके लिखिए ।	1
	निम्नलिखित प्रश्नों के उत्तर निर्देशानुसार लिखिए-	1
6.	(i) निम्नलिखित शब्दों के दो- दो पर्यायवाची शब्द लिखिए- उपहार , दिन	1+1
	(ii) 'आयात' शब्द का उचित विलोम शब्द लिखिए ।	1
7.	(iii) निम्नलिखित वाक्यांश के लिए एक शब्द लिखिए - जिसका अंत न हो	1+1
	(i) निम्नलिखित शब्दों की संधि कीजिए- एक + एक , यदि + अपि	1
8.		
9.	(ii) 'भानूदय' शब्द का संधि-विच्छेद कीजिए।	1+1
	(i) निम्नलिखित समस्तपदों का विग्रह करके समास के भेद का नाम लिखिए - आनंदानुभूति , सप्ताह	
10.	(ii) हस्त से लिखित का समस्तपद लिखिए।	1
	निम्नलिखित वाक्य में विराम चिह्नों का उचित प्रयोग कीजिए- कल्पना की प्रारंभिक पढ़ाई लिखाई टैगोर बाल निकेतन में हुई उचित मुहावरों द्वारा रिक्त स्थान पूरे कीजिए-	1
	(i) अंग्रेजी सेना के आने-जाने के संदेश ऐसे पहुँचाए जाते थे कि किसी को.....थी।	
	(ii) कुछ लोग ईर्ष्यालु स्वभाव के कारण अच्छे लोगों के खिलाफ़ दूसरों के.....हैं।	

	<p>रिक्त स्थान की पूर्ति करते हुए परिभाषा को पूर्ण कीजिए -</p> <p>(i) जहाँ जड़ अथवा चेतन वस्तु में चेतनता का आरोप किया जाता है, वहाँ ----- अलंकार होता है।</p> <p>(ii) निम्नलिखित काव्य पंक्ति में प्रयुक्त अलंकार का नाम लिखिए- पीपर पात सरिस मन डोला</p>	
	<p>खंड - ग (पाठ्य-पुस्तक)</p>	
<p>11.</p>	<p>निम्नलिखित पद्यांश को ध्यानपूर्वक पढ़िए और उस पर आधारित बहुवैकल्पिक प्रश्नों के उत्तर हेतु सर्वाधिक उपयुक्त विकल्प का चयन कीजिए -</p> <p>एक अकेला ताँगा था दूरी पर कोचवान की काली-सी चाबुक के बल पर वो बढ़ता था घूम-घूम जो बलखाती थी सर्प सरीखी बेदर्री से पड़ती थी दुबले घोड़े की गरम पीठ पर भाग रहा वह तारकोल की जली अँगीठी के ऊपर से। कभी एक ग्रामीण धरे कंधे पर लाठी सुख-दुःख की मोटी-सी गठरी लिए पीठ पर भारी जूते फटे हुए जिनमें से थी झाँक रही गाँवों की आत्मा</p> <p>(i) घोड़ा किसके बल पर आगे बढ़ रहा था?</p>	<p>1 X 5 = 5</p>



- (क) चाबुक की मार के बल पर  
(ख) भोजन के लालच में  
(ग) अपनी ताकत के बल पर  
(घ) कोचवान के झेह के बल पर

(ii) तारकोल की जली अँगीठी का आशय है-

- (क) जलता हुआ आसमान  
(ख) जलता हुआ कोयला  
(ग) अत्यधिक गरम सड़क  
(घ) सर्दों को भगाने के लिए प्रयोग की गई अँगीठी

(iii) 'झाँक रही गाँवों की आत्मा' किस अर्थ में प्रयुक्त हुआ है?

- (क) कोचवान की दशा बताने हेतु  
(ख) ग्रामीण के लिए  
(ग) ग्रामीण जीवन की कठिनाइयों को दर्शाने के संदर्भ में  
(घ) गरमी का प्रभाव दिखाने के लिए

12.

(iv) 'सर्प सरीखी' किसे कहा गया है?

- (क) लाठी को  
(ख) चाबुक को  
(ग) तारकोल को  
(घ) अँगीठी को

(v) अभिकथन (A)- ग्रामीण ने कंधे पर सुख-दुःख की मोटी-सी गठरी रखी हुई थी।

कारण (R)- उसे अपनी आजीविका चलानी थी।

(क) अभिकथन (A) तथा कारण (R) दोनों सत्य हैं तथा कारण (R), अभिकथन (A)

1x5=5

की उचित व्याख्या करता है।

(ख) अभिकथन (A) तथा कारण (R) दोनों सत्य हैं तथा कारण (R), अभिकथन (A)

की उचित व्याख्या नहीं करता है।

(ग) अभिकथन (A) सत्य किंतु कारण (R) असत्य है।

(घ) अभिकथन (A) असत्य किंतु कारण (R) सत्य है।

निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़िए और उस पर आधारित बहुवैकल्पिक प्रश्नों के उत्तर हेतु सर्वाधिक उपयुक्त विकल्प का चयन कीजिए -

उसने मन में कहा, “यह दारा कोई साधारण चरवाहा नहीं है। ऐसी सूझ-बूझ रखने वाले का उचित स्थान जंगल में नहीं, महल में राजसिंहासन के पास है।” उसने अपना दूत भेजकर दारा को अपने दरबार में बुलाया। दारा ने उसे झुककर सलाम किया। शाह ने मुस्कराकर कहा, “ऐ दारा, हम चाहते हैं कि तुम जैसा बुद्धिमान हमारे महल में रहे ताकि हम राज्य की समस्याओं के विषय में तुमसे सुझाव लेते रहें।” दारा ने सिर झुकाकर उत्तर दिया, “आपका हुक्म सिर आँखों पर।”

13.

2x5=10

(i) उपर्युक्त गद्यांश किस पाठ से लिया गया है?

(क) अछा धन

(ख) असल धन

(ग) असली धन

(घ) असली दारा

(ii) उसने मन में कहा, “यह दारा कोई साधारण चरवाहा नहीं है।” शाह के मन में यह

विचार आने का कारण था-

14.	<p>(क) दारा की सूझ-बूझ (ख) दारा की गरीबी (ग) शाह की बुद्धिमानी (घ) दरबारियों की ईर्ष्या</p> <p>(iii) शाह दारा को अपने दरबार में क्यों रखना चाहता था?</p> <p>(क) राज्य की समस्याओं का समाधान पाने हेतु (ख) उसकी चालाकी, वीरता के कारण (ग) अच्छा चरवाहा होने के कारण (घ) मशहूर होने के कारण</p> <p>(iv) शाह के अनुसार दारा का उचित स्थान था -</p> <p>(क) जंगल में (ख) दरबारियों के पास (ग) राजसिंहासन के पास (घ) गाँव वालों के साथ</p> <p>(v) किसे भेजकर दारा को दरबार में बुलाया गया?</p> <p>(क) दूत (ख) सैनिक (ग) दरबारी (घ) सिपाही</p> <p>निम्नलिखित प्रश्नों में से <u>किन्हीं पाँच प्रश्नों</u> के उत्तर लगभग 25-30 शब्दों में लिखिए-</p> <p>(i) 'गाँधी जी केवल उपदेशक नहीं थे, कर्मयोगी थे'- पाठ 'आश्रम के अतिथि और</p>	2x3=6
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संस्मरण' के आधार पर उत्तर लिखिए।

(ii) व्यक्ति बातचीत की कला के द्वारा प्रत्येक समस्या का समाधान निकाल सकता है। पाठ 'बातचीत की कला' के आधार पर स्पष्ट कीजिए।

(iii) कल्पना चावला के परिवार का मूलमंत्र क्या था? उस मंत्र को आप कहाँ तक महत्त्वपूर्ण मानते हैं ?

(iv) यदि दरबारियों के कहे अनुसार दारा के बक्से से बेईमानी से एकत्रित किया गया धन

निकलता तो क्या होता ?

(v) सीताराम राजू ने विद्रोह किया और उन्हें जान से हाथ धोना पड़ा। अन्याय के खिलाफ आवाज़ उठाने को आप कहाँ तक उचित समझते हैं?

(vi) लेखक ने किस बात को खेद का विषय माना है? पाठ 'बातचीत की कला' के आधार पर उत्तर लिखिए।

निम्नलिखित प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर लगभग 40-50 शब्दों में लिखिए-

(i) स्वतंत्रता हमारा जन्मसिद्ध अधिकार है। पाठ 'हम पंछी उन्मुक्त गगन के' आधार पर

उत्तर लिखिए।

(ii) रहीम जी ने किन उदाहरणों द्वारा संगति का महत्व स्पष्ट किया है?

(iii) मीठे वचन और कठोर वचनों का मनुष्य पर क्या प्रभाव पड़ता है ? कबीर जी के दोहों के आधार पर उत्तर दीजिए।

(iv) पक्षी अपनी आज़ादी के बदले क्या-क्या छोड़ने को तैयार हैं?

	खंड- घ (रचनात्मक लेखन)	
15.	<p>निम्नलिखित विषयों में से <u>किसी एक विषय पर (80-100 शब्दों में) अनुच्छेद लिखिए</u></p> <p>- (क) विज्ञापनों का जीवन पर प्रभाव</p> <ul style="list-style-type: none"> <li>• आज का विज्ञापन युग</li> <li>• विज्ञापन के साधन और लाभ</li> <li>• विज्ञापन के दुष्प्रभाव</li> </ul> <p>(ख) खेलों का महत्त्व</p> <ul style="list-style-type: none"> <li>• स्वस्थ जीवन का आधार</li> <li>• जीवन में अनुशासन</li> <li>• नैतिक मूल्यों का समावेश</li> </ul>	5
16.	<p>(ग) महानगरीय जीवन</p> <ul style="list-style-type: none"> <li>• महानगर से तात्पर्य</li> <li>• महानगरों का जीवन</li> <li>• सुविधाएँ एवं परेशानियाँ</li> </ul>	5
17.	<p>दादा जी द्वारा भेजी गई ज्ञानवर्धक पुस्तकों के लिए उन्हें धन्यवाद देते हुए पत्र लिखिए।</p> <p style="text-align: center;">अथवा</p> <p>आपके मोहल्ले को शहर से जोड़ने वाली सड़क में जगह-जगह गड्ढे हो गए हैं जिससे आए दिन दुर्घटनाएँ होती रहती हैं। इस ओर ध्यान आकर्षित करवाते हुए किसी दैनिक समाचार पत्र के संपादक को पत्र लिखिए।</p>	5
18.	<p>आप हिंदी साहित्य सभा के अध्यक्ष / अध्यक्षा हैं। विद्यालय-पत्रिका के लिए स्वरचित लेख, कहानी, कविता मँगवाने के लिए 50-60 शब्दों में एक सूचना तैयार कीजिए।</p> <p style="text-align: center;">अथवा</p>	5

**आप विद्यालय के विद्यार्थी परिषद् के सांस्कृतिक सचिव हैं। आपके विद्यालय में ' अंतर्विद्यालयी रंगोली प्रतियोगिता ' का आयोजन किया जा रहा है। इसकी जानकारी देते हुए 50-60 शब्दों में एक सूचना तैयार कीजिए।**

**विद्यालय में 'स्वतंत्रता दिवस' मनाए जाने के विषय में पिता और पुत्री के बीच हुई बातचीत को संवाद रूप में लगभग 60-70 शब्दों में लिखिए।**

**अथवा**

**जीवन में हास्य के महत्त्व पर दो महिलाओं के बीच हुई बातचीत को संवाद रूप में लगभग 60-70 शब्दों में लिखिए।**

**SAMPLE PAPER (2024-25)**

**CLASS VIII**

**MATHEMATICS**

**Time: 3 hours**

**M.M.: 80**

**General Instructions:**

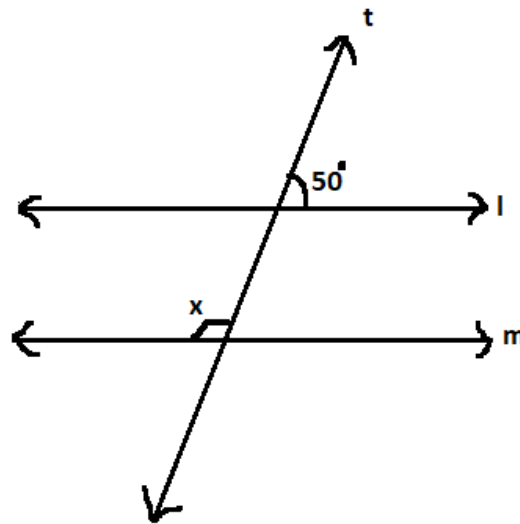
- 1.This Question Paper has 5 Sections A ,B , C, D and E
2. Section A has 20 MCQs carrying 1 mark each.
3. Section B has 5 questions carrying 2 marks each.
- 4.Section C has 6 questions carrying 3 marks each.
- 5.Section D has 4 questions carrying 5 marks each.
- 6.Section E has 3 case based integrated units of assessment (4 marks each) with sub parts of the values 1 , 1 and 2 marks each respectively .
- 7.All Questions are compulsory. However , an internal choice in 2 questions of 2 marks , 2 questions of 3 marks and 2 questions of 5 marks has been provided. An internal choice has been provided in the 2 marks question of Section E.
8. Draw neat figures , wherever required. Take  $\pi = \frac{22}{7}$  , wherever required , if not stated.

**SECTION – A**

**Section A consists of 20 questions of 1 mark each .**

1. The distance of point P(4,5) from x-axis is  
a) 4 units      b) 5 units      c) 1 unit      d) 9 units
2. The square of 17 exceeds a multiple of \_\_\_\_\_ by 1.  
a) 4      b) 3      c) 7      d) 8
3. Any line perpendicular to x- axis is parallel to  
a) x- axis      b) y-axis      c) origin      d) None
4. The line formed by joining the coordinates (2 , 2) , (4,4) , (6,6) will pass through  
a) (2,0)      b) (0 , 4)      c) (0 , 0)      d) (6 , 0)
5. The ordinate is also known as  
a) Abscissa      b) Origin      c) y- coordinate      d) x-coordinate
6. The value of  $(p + q)^2 - (p - q)^2$  is  
a)  $4pq$       b)  $- 4pq$       c)  $2p^2 + 2q^2$       d)  $2p^2 - 2q^2$
7.  $1m^2$  equal to \_\_\_\_\_  
a)  $100 \text{ cm}^2$       b)  $1000 \text{ cm}^2$       c)  $10000 \text{ cm}^2$       d)  $10 \text{ cm}^2$

8. The volume of a cube whose edge is  $3x$  is  
 a)  $27x^3$       b)  $9x^3$       c)  $6x^3$       d)  $3x^3$
9. The cube root of 0.000064 is  
 a) 0.04      b) 0.004      c) 0.0004      d) 0.4
10. If the radius of a cylinder is tripled but its curved surface area is unchanged, then its height will be  
 a) tripled      b) constant      c) one sixth      d) one third
11. If  $a\%$  is the discount percent on the marked price  $x$ , then the discount is  
 a)  $\frac{x}{a} \times 100$       b)  $\frac{a}{x} \times 100$       c)  $\frac{x}{100} \times a$       d)  $\frac{100}{x \times a}$
12. If  $l \parallel m$  and line  $t$  is the transversal, find the value of  $x$   
 a)  $50^\circ$       b)  $100^\circ$       c)  $120^\circ$       d)  $130^\circ$



13. If the cost price of an article is twice its selling price then the loss percent is  
 a) 100%      b) 150%      c) 50%      d) 200%
14. Both  $x$  and  $y$  vary directly with each other. When  $x$  is 10,  $y$  is 14, which of the following is not a possible pair of corresponding values of  $x$  and  $y$ .  
 a) 25 and 35      b) 35 and 45      c) 35 and 49      d) 15 and 21
15. The value of  $\sqrt{73 + \sqrt{52 + \sqrt{144}}}$  is  
 a) 10      b) 9      c) 8      d) 12
16. The smallest integer whose cube is equal to the number itself is  
 a) 1      b) 0      c) -1      d) any number
17. The smallest number which must be added to 710 to make it a perfect cube is  
 a) 9      b) 10      c) 19      d) 11
18. Factors of  $(x^2 - x - 6)$  are  
 a)  $(x - 3)(x - 2)$       c)  $(x + 3)(x + 2)$



b)  $(x + 3)(x - 2)$

d)  $(x - 3)(x + 2)$

Directions : In the question number 19 and 20 , a statement of Assertion ( A ) is followed by a statement of Reason ( R ) . Choose the correct option

19. Assertion(A) : (6,8,10) is a Pythagorean triplet.

Reason(R): If  $2m$  is the smallest even number, then(  $m, m^2-1, m^2+1$ ) represents a pythagorean triplet.

- (a) Assertion and Reason both are correct statements and Reason is the correct explanation of Assertion.
- (b) Assertion and Reason both are correct statements but Reason is not the correct explanation of Assertion.
- (c) Assertion is correct statement but Reason is wrong statement.
- (d) Assertion is wrong statement but Reason is correct statement.

20. Assertion (A) : The total surface area of a cube of side 5 cm is 150 sq. cm

Reason(R) : Total surface area of cube =  $6 \times (\text{side})^2$

- (a) Assertion and Reason both are correct statements and Reason is the correct explanation of Assertion.
- (b) Assertion and Reason both are correct statements but Reason is not the correct explanation of Assertion.
- (c) Assertion is correct statement but Reason is wrong statement.
- (d) Assertion is wrong statement but Reason is correct statement.

## SECTION – B

**Section B consists of 5 questions of 2 marks each .**

21. (A) The ratio of the curved surface area and total surface area of a right circular cylinder is 1:2 . Find the ratio of its height and radius.

OR

(B) A cuboidal container carrying  $7.8 \text{ m}^3$  concrete arrives at a job site. A platform of width 5 m and height 2 m is being constructed at the site. Find the length of the platform constructed from the amount of concrete?

22. By selling an article for ₹ 1,12,000 , a girl gains 40% . Find the cost price of the article.

23. (A) If  $(1^3 + 2^3 + 3^3 + 4^3 + 5^3) = 225$  , find the value of  $(2^3 + 4^3 + 6^3 + 8^3 + 10^3)$

OR

(B) Evaluate :  $\sqrt[3]{27} + \sqrt[3]{0.008} + \sqrt[3]{0.064}$

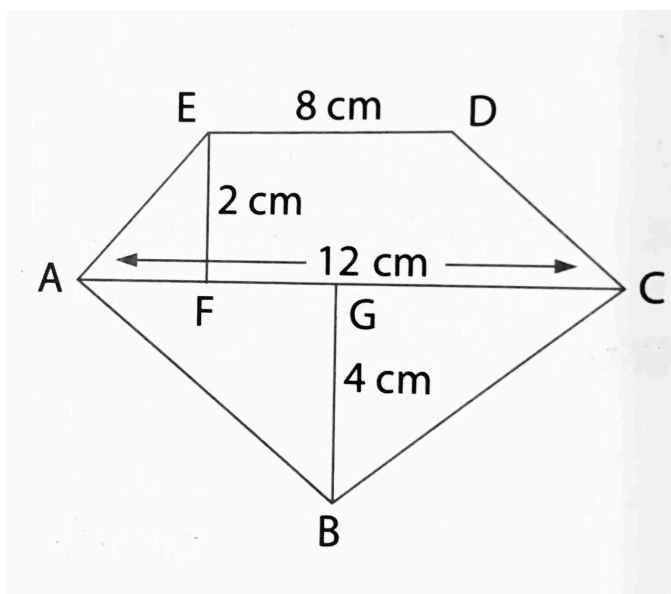
24. After selling 21 apples , a person loses a sum equal to the selling price of 4 apples , find the loss%.

25. Find the smallest number by which 384 must be divided so that it becomes a perfect square.

### SECTION – C

Section C consists of 6 questions of 3 marks each .

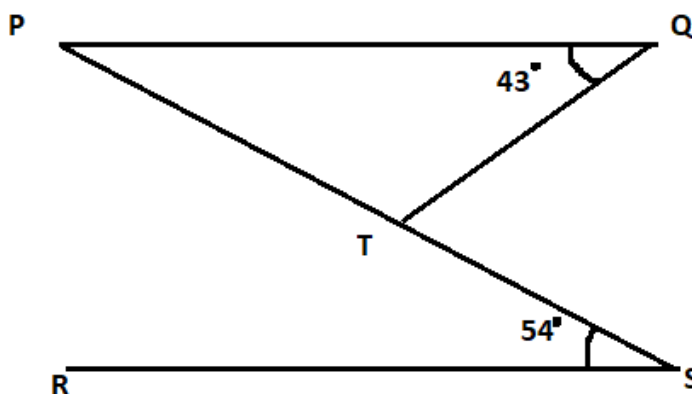
26. Find the area of the polygon ABCDE .



- 27.(A) Factorise :  $18p^2q - 128q^3$   
OR

(B) Expand by using an identity :  $(3x - 2y - 7)^2$

28. If  $PQ \parallel RS$  , find  $\angle QTS$  .



29. (A) Sneha wishes to make a card for her friend's birthday. She has a square shaped envelope of area  $10 \text{ cm}^2$  (excluding flap of the envelope) . Find the maximum possible side of the card (correct to two decimal places) required to fit in the envelope.

OR

(B) Find  $\sqrt{99856}$  and hence find the value of  $\sqrt{9.9856} + \sqrt{998.56}$

30. The train moving at a speed of 75 km/hr covers a certain distance in 4.8 hours. What should be the speed of the train to cover the same distance in 3 hours?

31. Riya has a keen interest in numbers . Once she noticed 3072 steps in her smart watch. She tried to make it a perfect cube by multiplying it by a certain smallest number . Find the perfect cube and its cube root .

### SECTION – D

**Section D consists of 4 questions of 5 marks each .**

32. (A) The thickness of a hollow metallic cylinder is 2 cm . It is 70 cm long with outer radius of 14 cm . Find the volume of the metal used in making the cylinder , assuming that it is open at both the ends . Also , find its weight if the metal weighs 8 gm per  $cm^3$  .
- OR

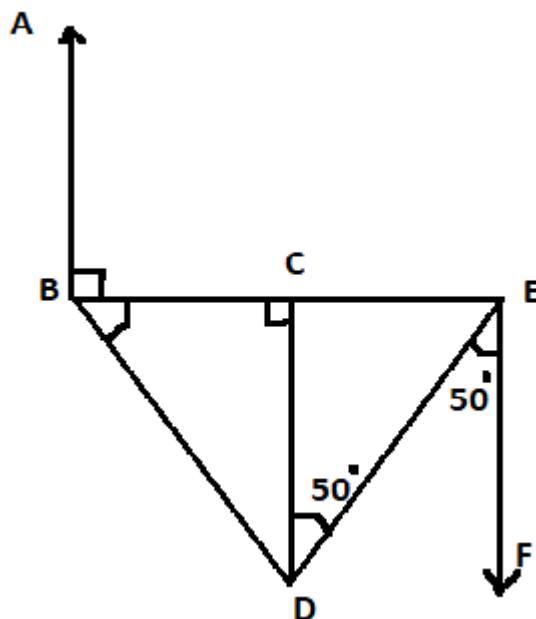
(B) External dimensions of a closed wooden box are in the ratio 5:4:3. If the cost of painting its outer surface at the rate of ₹5 per  $dm^2$  is ₹11,750, find the dimensions of the box in cm.

33. (A) If  $x + \frac{1}{x} = 9$  , find the value of  $x^4 + \frac{1}{x^4}$  .

OR

(B) Factorise :  $9a^4 - 24a^2b^2 + 16b^4 - 256$

34. In the figure , BDE is a triangle and CD and AB are perpendiculars on BE . Show that
- CD || EF
  - CD || AB
  - AB || EF
  - If  $\angle CBD = 30^\circ$  , find  $\angle CED$  and  $\angle BDE$ .



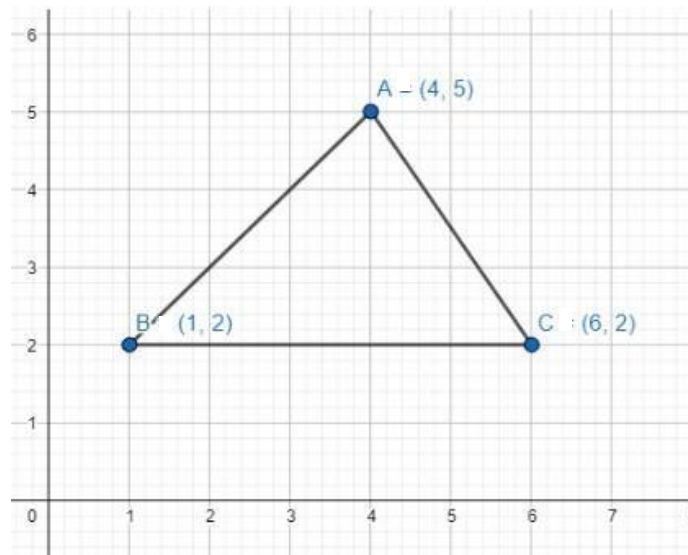
35. The students of Anju's class decided to raise money. Anju wanted to create a ratio for finding the amount of money her class would make for different numbers of posters sold. She knew they could raise ₹ 250 for every 60 posters sold.
- How much money would Anju's class make for selling 102 posters.

- b) Could Anju's class exactly raise ₹ 2000? If so, how many posters would they need to sell? If not, why?

## SECTION – E

Section E consists of 3 case based questions of 4 marks each .

36. Rahul , a student of class 8 , was playing in a park situated near his house . While playing , he saw a triangular portion of land where small kids can play . So , he decided to find the coordinates on this triangular portion which are at points A , B and C .



On the basis of above information , answer the following :

- Find the distance between points B and C .
- What is the abscissa of point A ?
- Find the area of  $\Delta ABC$  .

OR

Find the value of : Abscissa of C – Ordinate of B

37. Amazon is an American multinational technology company, engaged in e-commerce, cloud computing, online advertising and digital streaming. It is considered one of the Big Five American technology companies. The school administration of DAV has decided to leverage the Amazon electronic sale to purchase Educom resources specifically for math education across classes 6th to 8th. Details of Educom sale given as follows:



NUMBER OF EDUCOMS	DISCOUNT OFFERED
11-20	10%
21-30	15%
31-40	20%
41-50	25%

The marked price of one Educom is ₹ 90,000.

Based on the above information, answer the following questions:

- Find the discount if the school has purchased 12 Educoms.
- If the marked price of one Educom is 1 lakh, find the discount on 35 Educoms.
- Calculate the selling price of Amazon, if the school has purchased 25 Educoms?

OR

Find the amount paid by school on purchasing of 50 Educoms?

38. Ram who aspires to be a civil engineer and aims to build resilient infrastructure visited Egypt during his summer vacations and there he saw huge pyramids. Mesmerized by the architecture involved in building them. At home he decided to create a model by arranging square building blocks in a pyramid formation. He created the base of the pyramid using the number of blocks same as the sum of the first eight consecutive odd numbers. (moving from bottom to top, he arranges the blocks using the pattern  $n^2$ ,  $(n-1)^2, (n-2)^2, \dots, (n-7)^2$ )



Answer the following question (considering the base of the pyramid as level 1)

- Calculate the number of blocks used at the base of the pyramid.
- Find the number of blocks used at the 6th level from bottom of the pyramid.
- Find the sum of the number of blocks used at 2nd level and 7th level of the pyramid.

**SAMPLE PAPER TERM-I (2024-25)**

**CLASS-VIII**

**SUBJECT- SCIENCE AND TECHNOLOGY**

**Time: 3 Hrs.**

**M.M.: 80**

**No. of Pages-**

**No. of Qs. 38**

**General Instructions:**

- *This question paper comprises five sections A, B, C, D and E. There are 38 questions in the question paper.*
- *All questions are compulsory. However, an internal choice has been provided in some questions. A student is expected to attempt only one of these questions.*
- *Section A consists of question number 1 to 19. These questions are MCQ's and Assertion-Reason questions. They carry 1 mark each.*
- *Section B consists of question number 20 to 25. These are short answer questions which carry two marks each.*
- *Section C consists of question number 26 to 31. These are short answer questions which carry three marks each.*
- *Section D consists of question number 32 to 34. These are long answer questions which carry five marks each.*
- *Section E consists of question number 35 to 38. These are case based questions which carry four marks each.*

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**Section-A**

**Select and write the most appropriate option out of the four options given for each of the questions 1-20.**

1. The example of solid Non- renewable fuel that occurs naturally is: (1)
  - (a) Petroleum
  - (b) Coal
  - (c) Natural gas
  - (d) Wood
2. Choose the correct statement(s): (1)
  - (I) Ribosomes are located in the chromosomes and are involved in protein synthesis.
  - (II) Golgi bodies are involved in the processing and packaging of materials synthesised in the cell
  - (III) Chloroplast are located in the animal cell and are involved in energy synthesis.
  - (IV) Anything entering or exiting the cell must cross at least one layer of cell membrane.
  - (a) (I) and (II)
  - (b) (I) and (III)
  - (c) (III) and (IV)
  - (d) (II) and (IV)

3. A synthetic fibre made from natural sources is: (1)
- (a) Nylon
  - (b) Polyester
  - (c) Rayon
  - (d) Hemp
4. One which contains a large number of free mobile ions in it and conducts electricity very well: - (1)
- (a) Hydrochloric acid
  - (b) Citric acid
  - (c) Carbonic acid
  - (d) Pure water
5. Friction is not desirable in which of the following activities: (1)
- (a) Walking on the road
  - (b) Writing with the pencil
  - (c) Applying brakes in bicycle
  - (d) Moving parts of old machines
6. Rama left the curd for longer hours at room temperature. This made the curd sourer. Choose the correct explanation for the above: (1)
- (a) No activity of bacteria
  - (b) increased activity of bacteria
  - (c) decreased activity of bacteria
  - (d) temperature has no effect on the activity of bacteria.
7. Identify the type of cell having the following features: (1)
- I. Long fibre like structure
  - II. Helps in the transmission of impulses
- (a) Liver cell
  - (b) Nerve cell
  - (c) Smooth muscle cell
  - (d) Red blood cell
8. Which of the following will undergo slow combustion (1)
- (a) Wood, White phosphorus
  - (b) Sodium metal, Cow dung cakes
  - (c) Wood, Cow-dung cakes
  - (d) White phosphorus, Sodium metal
9. The process of depositing a thin layer of any desired metal on another material by the passage of electric (1)
- Current:
- (a) Conduction
  - (b) Electroplating
  - (c) Induction

(d) Rusting

10. Parachutes are made of: (1)

(a) Nylon

(b) Terylene

(c) Acrylic

(d) Bakelite

11. The puffing or the enlargement of the cans or jars indicates: (1)

(a) More quantity of food material.

(b) Thick layering of the can

(c) Spoilage of the food.

(d) Can is not sterilised properly.

12. Which force cannot act from a large distance: (1)

(a) magnetic force

(b) electrostatic force

(c) frictional force

(d) gravitational force

13. The correct ascending order for good quality of coal is: (1)

(a) Peat < Lignite < Bituminous < Anthracite

(b) Anthracite < Bituminous < Lignite < Peat

(c) Peat < Bituminous < Lignite < Anthracite

(d) Anthracite < Lignite < Bituminous < Peat

14. Correct reason for the formation of smog is:- (1)

(a) Complete combustion of fuel

(b) Heat energy trapped by air

(c) Burning of coal and diesel releases sulphur dioxide gas in air

(d) Smoke combines with other pollutant and fog

15. A device that converts chemical to electric energy: (1)

(a) Microwave Oven

(b) Voltaic cell

(c) Electric Generator

(d) Electric bulb

**Q. No. 17 to 20 are Assertion-Reason based questions.**

**These consists of two statements- Assertion(A) and Reason(R). Answer these questions selecting the appropriate option given below:**

(a) Both A and R are true and R is the correct explanation of A.

(b) Both A and R are true and R is not the correct explanation of A.



(c) A is true but R is false.

(d) A is false but R is true.

16. **Assertion (A):** It is advisable to wear synthetic clothes while working in the kitchen. (1)

**Reason (R):** Synthetic fibres last longer as compared to natural fibres.

17. **Assertion (A):** Chromosomes are responsible for the transfer of characteristics from parents to offsprings. (1)

**Reason (R):** Chromosomes are present in cell membranes.

18. **Assertion (A):** The earth would become a heap of dead plants and animals in the absence of microorganisms. (1)

**Reason (R):** Decomposers convert all organic matter into carbon dioxide and nutrients.

19. **Assertion (A):** Uniform of fire-fighters have a lining of melamine on it. (1)

**Reason (R):** Melamine resists fire and can tolerate heat.

### Section- B

**Q. No. 20 to 25 are very short answer questions.**

20. The shape of cells differs not only in different organisms but also in different organs of the same organism. Name two factors which lead to the difference in the shape of the cell. (2)

21. When coal is heated in the absence of air, we obtain new various bi-products. One of them is a black liquid of high viscosity. (2)

a. Identify the product

b. Write any two uses of the product

22. Suggest the methods of preservation for the following food items: (2)

a. Carbonated beverages and food drinks

b. Meat and fish

c. Dry fruits

d. Cheese and butter

23. Ramesh wanted to find out which one of four surfaces produces the greatest friction. He pushed the same toy car on the four surfaces, separately. (2)



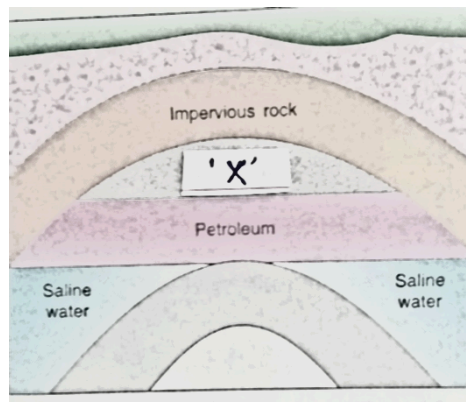
Ramesh noted the distance travelled by car on each surface before stopping.

	Surface 1	Surface 2	Surface 3	Surface 4
Distance travelled by the toy car before stopping	120 cm	150 cm	100 cm	180 cm

a) On which surface did the car experience the greatest friction?

b) What must be kept the same in the activity to compare the distance travelled by the car?

24. The above diagram shows occurrence of petroleum below the surface of earth. (2)



- Which material 'X' is found between rock cap and petroleum layer.
- Where is 'X' used?
- Why is layer of petroleum found floating over water.

25. Give reasons:

- Weightlifters apply chalk powder on their palms while lifting weights.
- It is easier to move a loaded trolley which is already in motion than to start it from rest.

**OR**

- The figure below shows some pattern on car tyre: -



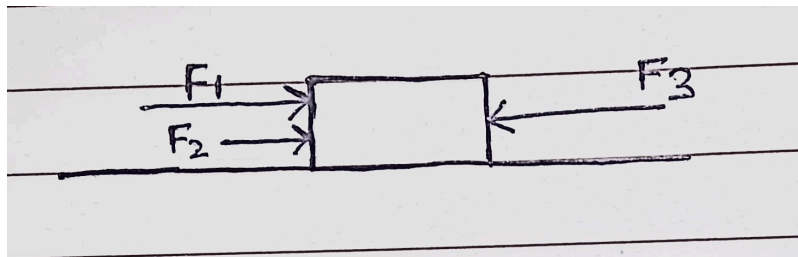
Why do car tyres have these patterns on them?

- Why is it convenient to pull a block on a trolley fitted with wheels rather than to drag the box on the floor?

### Section- C

**Q. No. 26 to 31 are Short Answer questions.**

26. Observe the given diagram that shows three forces  $F_1$ ,  $F_2$  and  $F_3$  acting on an object. If  $F_1=10\text{N}$  AND  $F_2=5\text{N}$ .



a) What should be the value of  $F_3$  if the forces are balanced? What will be the effect of such forces on the object?

b) What will be the effect of forces on the object if  $F_3$  is removed. (3)

27. Give reason: (3)

- Cell is the lowest level of organization in an organism.
- Albumen and yolk are present in Hen's egg.
- Damage to cell membrane likely to impact the functions of the cell.

28. Microorganisms like viruses and bacteria when enter our body are recognised by special kind of blood cells called 'X' (3)

- Identify 'X'
- Explain how 'X' helps to build immunity.

**OR**

The infected stem has a dull red colour with occasional white patches.

- Name the disease.
- Name the causative organism
- Name any other plant disease caused by this organism.

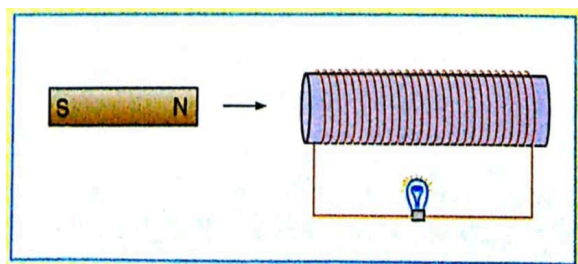
29. a. Define refining of petroleum. (3)
- what is the importance of refining of petroleum.
  - why is burning of fossil fuel is major concern in today's scenario.

**OR**

Residual oil is a petroleum product that is further separated into various by-products. Write the three components that can be obtained by refining residual oil along with their uses.

30. a. Fuel A produces 300000 KJ energy on burning 30 kg of it whereas fuel B produces 240000 KJ energy on burning 20 kg of it. Calculate calorific value of the fuels. (3)
- Out of fuel A and B which fuel you would like to use at your homes or industries and why?

31. Mohit takes a hollow cylindrical pipe of iron and winds a large number of turns of well insulated copper wire on it. The two ends of wire are connected with bulb and a strong bar magnet moves rapidly towards the centre of pipe. (3)



- What does Mohit observe when he moves the magnet closer?
- What happens when the magnet is at rest?
- What happens when the magnet is taken away?

### **Section- D**

**Q. No. 32 to 34 are long answer questions.**

32. Draw a plant cell and label the following parts that: (5)

- Packages material coming from the endoplasmic reticulum.
- Helps the cell to withstand very dilute external media without bursting.
- Site of protein synthesis in the cell.
- Store excess of water and waste materials.

**OR**

**Draw an animal cell and label the following parts that:**

- Site which acts as a ground substance for all the cellular activities.
- Site of cellular respiration.
- Site of fat synthesis in the cell
- Provides channels for intracellular transportation.

33. a. Give reasons for the following

- I. Mattress sinks more when a person is standing on it compared to when he is lying on it
- II. People often face problems of nose bleeding at higher altitude

b. Mohan throws a ball in upward direction after reaching the maximum height the ball returns back to ground. Identify the forces acting on the ball responsible for

- i) Going up
- ii) Coming down

Also write a difference between the nature of the two forces.

c. State any two effects of forces

**OR**

a. Why do deep sea divers wear special suits?

b. Write an activity to show that a liquid exerts pressure at the bottom of the container in which it is kept.

c. Equal amounts of two liquids 'A' and 'B' are taken in two similar containers. The liquid pressure at the bottom of the container with liquid 'A' is less than that of 'B'. Suggest possible reason for this observation.

34. Geeta lighted a candle and placed a metal plate over its flame. After some time she found a lot of black deposition over the plate. (5)

- a) Name the black deposition
- b) State the reason for the formation of the black deposition
- c) Draw a neat diagram of a candle flame and Label:
  - i) The zone in which she had placed the plate
  - ii) The hottest part of the flame

**OR**

Give reasons:

- i) We can boil water in a per cup on a spirit lamp
- ii) A burning candle goes off when we blow over it strongly
- iii) Buckets full of sand can be seen in Petrol stations

**Section- E**

**Q. No. 35 to 38 are Case- based / data base questions with five sub -parts each. You are expected to answer any four sub parts in these questions.**

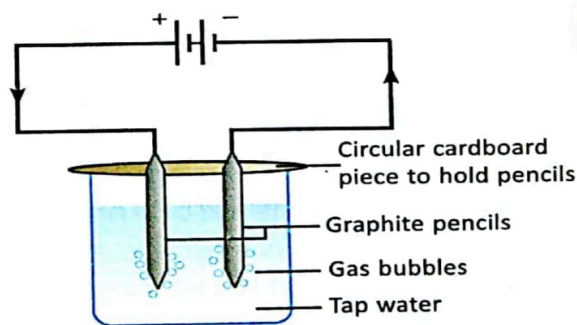
35. Ramu used to grow wheat in his fields year after year. He observed that the yield in his field has reduced in the current year. His granddaughter studying in a reputed institute suggested him to grow Peas or Beans after harvesting wheat. (4)

- i) Can you find out the reason for the reduced yield of wheat?
- ii) Comment why was he suggested to grow peas and beans
- iii) Suggest other methods of soil replenishment
- iv) Which nutrient was found insufficient?
- v) Name any bacteria that helps to replenish the lost nutrients to the soil

36. Sunita wore a dress for the office that could easily dry as it was raining outside. But on her way, in the bus she felt uncomfortable and suffocated. Answer the following:

- i) What could be the reason she feels suffocated?
- ii) Which fiber is her dress made of?
- iii) What are the advantages of this fiber?
- iv) Give one more disadvantage of this fiber
- v) Which fabric dress should she wear?

37. Rohan performed activity in his Science lab. He filled the beaker with tap water and added a small amount of salt into it, mixing it well. He made a simple circuit as shown below.



Based on the above experiment performed, answer the following:

- i) Name the process involved
- ii) Small gas bubbles are formed near graphite rod. Why?
- iii) Is this a Chemical change? Give a reason.
- iv) Why is a small amount of salt added?
- v) What is the role of graphite pencil in the setup shown above?

38. In a science class, Rohan builds a simple parachute using a plastic sheet, thread, and a matchbox. He conducts an experiment by dropping the matchbox from a certain height and then dropping the matchbox with the parachute from the same height to study the effects of fluid friction (air resistance).

- i) What are the forces acting on the matchbox as it falls without the parachute?
- ii) How does the presence of the parachute affect the fall of the matchbox?
- iii) Why are parachutes not given a streamlined shape?
- iv) What would happen to the air resistance force if you increase the size of the plastic sheet of the parachute.
- v) If the above experiment was conducted in vacuum which matchbox would fall faster



**SAMPLE QUESTION PAPER**  
**SUBJECT- SOCIAL SCIENCE**

**TERM-1**

**SESSION 2024-25**

**CLASS VIII**

**M.M. 80**

**TIME- 3 HOURS**

**General Instructions:**

1. There are 37 questions in all. All questions are compulsory. Question paper comprises Sections A, B, C, D, E, and F.
2. Marks are indicated against each question.
3. Write the question numbers as given in the question paper while answering a question in your answer book.
4. SECTION A- Question 1-20 contains very short answer questions (MCQs) of 1 mark each.
5. SECTION B-Questions 21- 24 are very short answer type questions. Each question carries 2 marks. Answers to these questions should not exceed 40 words.
6. SECTION C Questions 25- 29 are short answer type questions. Each question carries 3 marks. Answers to these questions should not exceed 60 words.
7. SECTION D Questions 30- 33 long answer type questions. Each question carries 5 marks. Answers to these questions should not exceed 120 words.
8. SECTION E- Questions 31-34 are Source Based Questions (SBQ). Each question carries 4 marks each.
9. SECTION F Question 37 is a map skill-based questions with two parts 37A-Geography (3 marks) and 37B -History (2 marks). This question carries a total of 5 marks.
10. There is no overall choice in the question paper. However, an internal choice has been provided in a few questions. Only one of the choices in such questions must be attempted.
11. In addition to these separate instructions are given with each section and questions, wherever necessary.

## SECTION – A

1. African Nations, in spite of being rich in resources are less developed as: (1)

- a) Most of the people are illiterate and unskilled
- b) Country is rich in resources
- c) The workforce is underpaid
- d) Country lacks water resource

2. Which of the following is **NOT** necessary for sustainable development? (1)

- a) Use all renewable resources judiciously
- b) Conserve the varied species
- c) Minimize the depletion of natural resource
- d) Use resources as much as you can.

3. Consumption of Polluted water leads to : (1)

- a) Jaundice
- b) Malaria
- c) Common Cold
- d) Influenza

4. In the question given below, there are two statements marked as Assertion(A) Reason (R). Read the statements and choose the correct option. (1)

ASSERTION (A) : The farmers started using HYV of seeds, fertilisers, pesticides, insecticides and modern equipment.

REASON(R) : With the passage of time, population explosion has increased the pressure on land to produce more food

Options:

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A).
- (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A).
- (c) (A) is correct but (R) is wrong.
- (d) (R) is correct but (A) is wrong.



5. The type of agriculture in which people migrate along with their animals from one place to another in search of fodder for their animals: (1)

- a) Subsistence agriculture
- b) Nomadic herding
- c) Intensive agriculture
- d) Dairy farming

6. Match column I with column II and choose the correct option given below (1)

<b>COLUMN I</b>	<b>COLUMN II</b>
1. Report of Simon Commission	i. 1858
2. Transfer of power from East India Company to the British Crown	ii. 1929
3. Morley Minto Reforms	iii. 1885
4. Establishment of Indian National Congress	iv. 1909

Options:

- a) 1- iii 2- iv, 3- ii, 4-i
- b) 1- ii 2- i, 3- iv, 4-iii
- c) 1- iv 2- i, 3- ii, 4-iii
- d) 1- iv 2- iii, 3-i, 4-ii

7. Complete the analogy: (1)

Bankim Chandra Chattopadhyay:Anandmath :: Lala Lajpat Rai : \_\_\_\_\_

- a) My Experiment with Truth
- b) Unhappy Indian
- c) Kesari
- d) Bombay Times

8. Rearrange the following events in the correct sequence : (1)

- i. Partition of India into India and Pakistan,
- ii. Formation of Indian National Congress,
- iii. Death of Mughal Emperor Aurangzeb
- iv. JallianwalaBagh Massacre

- a) i, iii, iv and ii
- b) iii, ii, iv and i
- c) ii, i, iv and iii
- d) iii, i, iv and ii

9. In the question given below, there are two statements marked as Assertion(A)Reason (R). (1)

Read the statements and choose the correct option.

ASSERTION (A) : The Revolt of 1857 was a major event but the colonial power suppressed it ruthlessly

REASON(R) : In 1857, the power went into the hands of the British Crown.

Options:

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A).
- (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A).
- (c) (A) is correct but (R) is wrong.
- (d) (R) is correct but (A) is wrong.

10. Choose the correct states associated with the cultivation of **TEA** (1)

- a) Gujarat, Maharashtra and Madhya Pradesh
- b) Kerala, Tamil Nadu , Puducherry, Nicobar Islands
- c) Assam, West Bengal and South India
- d) Bihar, Bengal, Punjab

11. Shifting Cultivation was practiced by \_\_\_\_\_ tribals of Odisha.(1)

- a. Khonds
- b. Van Gujjars
- c. Gaddis
- d. Santhals

12.The Revolt of 1857 was also called “The First War of Independence” (1) because-

- a. It was started by Sepoys.
- b. It was the first-time different sections of Indian society united against foreign rule.
- c. It was the first time Indians were fighting against British rule.
- d. It was led by Bahadur Shah Zafar II.

13.Choose the correct option with reference to the following statement (1)

A measure adopted by Britishers to propagate Christianity in India was:

- a). Ban on Sati
- b) Modification of Hindu law of Property.
- c) Introduction of new Judicial System
- d) Introduction of Railways

14.Which of the following statements are related to Flexible constitution: (1)

- A. Can be amended easily
- B. Is progressive in nature
- C. It is stable and doesn't allow hasty changes
- D. Helpful in development of nation

Options

- a) All of the above
- b) A, B, C only
- c) A and B only
- d) A, B and D only

15. Read the text given below and identify the features of the Indian constitution explained. (1)

Our Government is elected by the people and the administration is carried out by the elected representatives of the people.

- a) Secular state
- b) Socialist State
- c) Democratic State
- d) Republic State

16. In the question given below, there are two statements marked as Assertion(A)Reason (R). Read the statements and choose the correct option. (1)

ASSERTION (A) : In a parliamentary democracy there is a close relationship between the executive and legislature.

REASON(R) : The council of ministers is constituted amongst the members of the legislature.

Options:

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A).
- (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A).
- (c) (A) is correct but (R) is wrong.
- (d) (R) is correct but (A) is wrong

17. Which of the following personality was **NOT** a member of the Constituent Assembly: (1)

- a) Dr. Rajendra Prasad
- b) Jawaharlal Nehru
- c) Sarojini Naidu
- d) Mahatma Gandhi

18. Choose the correct option with respect to the Right against exploitation (1)

- A) Prohibition of traffic in human beings and forced labour
- B) Payment of taxes for promotion of any particular religion
- C) Protection of interests of minorities
- D) Equality before law

19. Which one of the following options is **NOT** included in the fundamental right to equality as enshrined in the Indian Constitution? (1)

- (a) Equality before law
- (b) Abolition of Untouchability
- (c) Equal opportunity in matters of Public employment
- (d) To form associations and unions

20. Choose the odd one out from the given option (1)

- a) MANDAMUS
- b) CERTIORARI
- c) MNREGA
- d) PROHIBITION

### **SECTION – B**

21. Explain any TWO Economic Factors affecting agriculture . (2)

22. “ The policy of economic exploitation and the destruction of traditional Indian economic structure by the British caused widespread resentment among Indians.” Justify the statement by giving any TWO arguments. (2)

23. ‘Preamble is called the soul of the Indian constitution.’ Justify the statement with the help of two statements (2)

24. Read the following situations carefully and write the fundamental rights violated. (2)

a) A girl is not allowed to step out of her village for higher education in the city whereas her brother is going abroad to pursue further studies.

b) If a group of people are not giving permission to open a Telugu medium school in Kerala.

### **SECTION – C**

25. Water is an indispensable resource, the sources of water are limited and reduced every year. Suggest 3 steps to be taken to conserve water in our day today life. (3)

26. How the British Document served as a source of information in the modern period. (3)

27. Compare and contrast between the Ryotwari and Mahalwari land revenue system introduced by the British . (3)
28. Explain the procedures of amending the constitution. (3)
29. Mention any three Directive Principles of state policy that have been implemented. (3)

### SECTION – D

30. ‘The need to conserve soil from erosion has become one of the major environmental concerns .’ Suggest any five measures to conserve soil. (5)

OR

‘Large dams have come under a lot of criticism from environmentalists, as they are causing ecological problems .’ Elaborate with suitable arguments.

31. Classify the fibre crops on the basis of origin with a suitable example .

Explain the geographical conditions for the growth of any one type of Natural fibre under the following heads:

- (I) Soil type (II) Temperature and (III) Rainfall. (2+3=5)

OR

Name any Two beverage crop and specify the geographical conditions required for the growth of any one beverage crop under following heads

- (I) Soil type (II) Temperature and (III) Rainfall.

32. How did the discontentment among the Indian soldiers become one of the reasons for the outbreak of the revolt of 1857? Explain. (5)

OR

Analyse the reasons that led to the success of Britishers in the first war of Independence?

33. Enumerate any five purposes of the Indian Constitution. (5)

OR

“India has parliamentary form of government both at the centre and in the states”. Support the statement with five arguments.

### SECTION – E

34. Read the source given below and answer the questions that follow:

The developed countries like the United Kingdom and USA make optimum use of resources as compared to the developing countries like India. Distribution of resources across the world is highly uneven . Rapid population growth has resulted in over-utilisation of the natural resources .This has led to drastic depletion and degradation of natural resources . For example , over-utilization of soil has resulted in the depletion of fertility of soil in many parts of the world. Thus , there is an urgent need to maintain a balance between population resource planning and conservation .

Resources should be used judiciously ,otherwise mankind will have to face dire consequences.

34.1 What do you mean by conservation of resources (1)

34.2 State the impact of over utilization on our natural resources. (1)

34.3 List any two factors that are helping the United Kingdom in making optimum use of resources. (2)

35. Read the source given below and answer the questions that follow:

To safeguard the British cotton industry , Indian textiles were destroyed with the imposition of very heavy goods , promotion of British machine made articles at cheaper price and decrease in princely patronage. No doubt the industrial revolution(1760-1830) in Britain and other European countries was also responsible for deindustrialization of India.

35.1 State any ONE negative impact of the industrial revolution in Britain over India . (1)

35.2 Write any TWO agricultural products that were exported to Britain from India. (1)

35.3 Mention any TWO measures adopted by the East India Company to safeguard the British cotton industry. (2)

36. Read the source given below and answer the following questions:

Rights without duties are meaningless. It has been rightly said, 'if a person does not perform her/his duties, others cannot enjoy their rights.' Thus, duties precede rights. Therefore it was in 1976 that Fundamental Duties were added to Indian Constitution through 42<sup>nd</sup> Amendment. Originally, there were ten Fundamental Duties, but now it is eleven.

36.1 State the difference between fundamental duties and Fundamental rights.

(1)

36.2 When were the fundamental duties added to our constitution?

(1)

36.3 As a responsible citizen of India, write any two fundamental duties.

(2)

### SECTION – F

37A. On a political map of the world, identify these features with the help of following information and write the correct names on the lines marked on the map. (1+1+1)

A. A region of high rainfall

B An area having low rainfall

C. On the same political map of the world, locate and label the following with appropriate symbols.

One major tea producing area in the world

37.B On the political map of India, locate and label the states to which the following tribal groups belong (1+1)

d. Khasis

e. Mundas



**WORLD - POLITICAL**

**संसार-राजनैतिक**

