ব্রিলিয়ান্ট স্টারস স্কুল

(সি. বি. এস. ই. দ্বারা অনুমোদিত)

পূর্ব ধ্বজনগর, উদয়পুর, গোমতী, ত্রিপুরা, ভারত।

ষাণ্মাসিক মূল্যায়ন নমুনা পত্র **বর্ষভাগ -২০২৬-২৭**

বিষয়- বাংলা **শ্রেণী- অষ্টম**

সময়- ৩ ঘণ্টা **পূর্ণমান -৮০**

-এই প্রশ্নপত্রের উত্তরগুলি উত্তরপত্রের মধ্যেই লিখতে হবে।
-প্রশ্নপত্রটি পড়ার জন্য প্রথম দশ মিনিট ধার্য করা আছে।
-প্রশ্নপত্রের উপরে লিখিত নির্ধারিত সময়ের মধ্যেই উত্তরগুলি লিখতে হবে।
-এই প্রশ্নপত্রে ১৭ নম্বর পর্যন্ত প্রশ্ন আছে ও মোট ৪টি পৃষ্ঠা বিদ্যমান।

শিক্ষার্থীরনাম_____

1. নিচের শব্দগুলির অর্থ লেখোঃ 3x1=3
   বাত্যা , পয়গম্বর, কুরঙ্গম
2. নিচের শব্দগুলির বিপরীত অর্থ লেখোঃ 3x1=3
   বৃদ্ধ , প্রভু , নির্ভীক
3. সঠিক উত্তর বেছে লেখোঃ 2x1=2
   a) রাজা পদ্মের দাম দিতে চেয়েছিল-
   i) একমাষা ii) দুইমাষা iii) আটমাষা iv) দশমাষা
   b) লেখক কল্যাণকর বলেছেন –
   i) স্বাধীন ইচ্ছাকে ii) পুঁথিগত বিদ্যাকে iii) মানুষের সেবা করাকে iv) বই মুখস্ত করাকে
4. উপযুক্ত শব্দ বসিয়ে খালি জায়গা পূরণ করো। 2x1=2
   i) একাগ্রতা – সাধনই শিক্ষার _____
   ii) জানি তুমি গ্রিক সেনাপতি , তা সত্ত্বেও তুমি _____
5. সত্য মিথ্যা যাচাই করোঃ 2x1=2
   i) কমলার মুসলমানের ঘরে যেতে সংকোচ হয়েছিল।
   ii) উপদেষ্টার কর্তব্য বাধাবিঘ্ন না সরানো।
6. নিচের প্রশ্নগুলোর পূর্ণ বাক্যে উত্তর লেখোঃ 5x1=5
   i) ‘বর্তমান ভারত ‘ কার লেখা?
   ii) পথিক পদ্মের মূল্য কত দিতে চেয়েছিল?
   iii) কোথায় ইচ্ছাশক্তির বিকাশ নেই?
   iv) মানুষের হাতে কারা লাঞ্ছনা সয়?
   v) ‘আমর বয়স না মানো, পদবি মেনে চলো’- বক্তা কে ?
7. নিচের প্রশ্নগুলির পনেরো থেকে কুড়িটি শব্দের মধ্যে উত্তর লেখোঃ 4x2=8

   i) ‘আমার শিবিরে তুমি শত্রুর গুপ্তচর হয়ে প্রবেশ করেছ, এই অপরাধে’ - বক্তা কে? তার অপরাধ কী ছিল?
   ii) ‘___ এই হল শিক্ষার আদর্শ’- শিক্ষার আদর্শ গুলো লেখো?
   iii) ‘এ ফুল বেচিতে নাহি মন।‘- কে, কেন ফুল বেচতে চায়নি?

iv) 'বাংলার মুখ আমি দেখিয়াছি'- কবি বাংলার মুখে কি কি দেখেছেন?

8. নিচের যেকোনো দুটি প্রশ্নের উত্তর লিখঃ (৮০ -১০০ টি শব্দের মধ্যে) 5x2=10

i) 'তার চেয়ে,সে বেশি শিক্ষিত শিক্ষিত'- কার চেয়ে, কে, কেন বেশি শিক্ষিত?

ii) 'যাও আমি তোমায় বন্দি করব না'- কে ,কাকে কেন বন্দি করবে না বলে জানিয়েছিল?

iii) 'আমি যাকে ভালোবাসি সেই ভাগ্যবানই আমার ধর্ম'- বক্তা কে? বক্তা উদ্দিষ্ট ব্যক্তিকে কেন ধর্ম বলে মেনে নিয়েছিল?

9. উৎস – প্রসঙ্গ সহ ব্যাখ্যা দাওঃ 5

'বাংলার নদী মাঠ ভাঁটফুল ঘুঙুরের মতো তার কেঁদেছিল পায়'

অথবা

ব্যাকুল সুদাস কহে, 'প্রভু, আর কিছু নহে,
চরণের ধূলি এক কণা।'

ব্যাকরণ

10. নির্দেশ অনুযায়ী বাক্য পরিবর্তন করোঃ 6x1= 6

i) সুমন্ত এসেছে বলেই এলাম (যৌগিক বাক্যে)

ii) কাকা এসেছিল, কিন্তু গান গায় (সরল বাক্যে)

iii) ধার্মিকরা সুখী হন (যৌগিক বাক্যে)

iv) বৃষ্টি হল এবং পড়ে রোদ উঠল (সরল বাক্যে)

v) কলকাতায় অল্প বৃষ্টিতেই রাস্তায় জল জমে (যৌগিক বাক্যে)

vi) সাবধানে না চললে দুর্ঘটনা ঘটবে (যৌগিক বাক্যে)

11. সন্ধি যুক্ত করোঃ 5x1 = 5

i) শিরঃ + ছেদ =

ii) যশঃ + ছেদ =

iii) চক্ষুঃ + রোগ =

iv) বহিঃ + জগৎ =

v) মনঃ + কামনা =

12. সন্ধি বিচ্ছেদ করোঃ 4x1 = 4

i) বাচস্পতি =

ii) নিষ্কাম =

iii) আশীর্বাদ=

iv) সরোবর =

13. ব্যাসবাক্য সহ সমাস নির্ণয় করোঃ 6x1=6

চালাকচতুর , শোকাকুল, উপমন্ত্রী, দশদিক, যথাশক্তি,দীর্ঘজীবী, পাছপাকা

14. i) উপসর্গ ও অনুসর্গের মধ্যে দুটি পার্থক্য লেখো। 2

ii) নিম্নলিখিত উপসর্গ যোগে শব্দ গঠন করে বাক্য রচনা করো। 2

15. নিচের অনুচ্ছেদটি পড়ে নিম্নলিখিত প্রশ্নগুলির উত্তর দাও। 5

ভারতবর্ষের বাহির থেকে যারা আগন্তুকমাত্র, তাদেরই প্রভাব হবে বলশালী, দেশের ইতিহাস বেয়ে যুগপ্রবাহিত ভারতের প্রাণধারা চিত্তধারা সেইটেই হবে ম্লান, যেন সেইটেই আকস্মিক – এর চেয়ে দুর্গতির কথা আর কী হতে পারে। সেবার দ্বারা ,জ্ঞানের দ্বারা , মৈত্রীর দ্বারা দেশকে ঘনিষ্ঠভাবে উপলব্ধি করবার বাধা ঘটাতে যথার্থই আমরা পরবাসী হয়ে পড়েছি। শাসনকর্তাদের শিক্ষাপ্রণালী, রাষ্ট্রব্যবস্থা,ওদের তলোয়ার বন্দুক নিয়ে, ভারতে ওরাই হল মুখ্য; আর আমরাই হলুম গৌণ – মোহাভিভূত মনে এই কথাটির স্বীকৃতি অল্পকাল পূর্ব পর্যন্ত আমাদের সকলকে তামসিকতায় জড়বুদ্ধি করে রেখেছিল। স্থানে স্থানে লোকমান্য তিলকের মতো জনাকতক সাহসী পুরুষ জড়ত্বকে প্রাণপণে আঘাত করেছেন এবং আত্মশ্রদ্ধার আদর্শকে জাগিয়ে তোলবার কাজে ব্রতী হয়েছেন, কিন্তু কর্মক্ষেত্রে এই আদর্শকে বিপুলভাবে প্রবল প্রভাবে প্রয়োগ করলেন মহাত্মা গান্ধী। ভারতবর্ষের স্বকীয় প্রতিভাকে অন্তরে উপলব্ধি করে তিনি অসামান্য তপস্যার তেজে নূতন যুগগঠনের কাজে নামলেন। আমাদের দেশে আত্মপ্রকাশের ভয়হীন অভিযান এতদিনে যথোপযুক্তরূপে আরম্ব হল।

a) প্রবন্ধতির মূল বিষয় কী ছিল?
b) আত্মশ্রদ্ধার আদর্শকে জাগিয়ে তোলার কাজে ব্রতী হয়েছিলেন কে?
c) লেখক দেশের দুর্গতি কি বলেছেন ?
d) গান্ধিজি কোন আদর্শকে জাগিয়ে তুলেছিলেন ?
e) 'কাগজ' শব্দটির পদ পরিবর্তন করো।

17. . নিচের অনুচ্ছেদটি পড়ে নিম্নলিখিত প্রশ্নগুলির উত্তর দাও। 5

শরৎকাল । আকাশে সোনার আলো । পথের দু-ধারে মাঠে মাঠে সোনার ধান । লোকের মন আর ঘরে থাকতে চায় না । রাজারা ঘড়া সাজিয়ে দিগ্বিজয়ে চলেছেন। প্রজারা দলে দলে ঘর ছেড়ে হাটে – মাঠে – ঘাটে -কেউ পসরা মাথায় , কেউ ধান খেত নিড়োতে, কেউ বা সাত – সমুদ্র – তেরো – নদী পারে বাণিজ্য করতে চলেছে । যাদের কোনো কাজ নেই তারাও দল বেঁধে ঋষির সঙ্গে সঙ্গে গান গেয়ে চলেছে 'নমো নমো বুদ্ধদিবাকরায়'

i) শরৎকাল কীভাবে বোঝা যাচ্ছিল?
ii) লোকের মনের অবস্থা কী রকম অবস্থা হয়েছে ?
iii) রাজারা কী করছেন ?
iv) প্রজারা কে , কোন কাজে বেরোচ্ছে ?
v) বিপরীত শব্দ লেখঃ 'প্রজা'

16. যে কোনো একটি বিষয়ের উপর অনুচ্ছেদ রচনা করোঃ 5

i) একটি ভয়যুক্ত রাত
ii) ছোটো বেলার স্মৃতি

Brilliant Stars School

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East Dhajanagar, Udaipur, Gomati, Tripura

Term – 1 **Session – 2025-26**

Subject – Computer(Sample) **Max.Points –30**

Class – VIII **Time – 1hr**

Instructions –

- Answer to this question paper must be written in the answer script provided separately.
- First 10 minutes has been allotted for reading the question paper.
- The time mentioned above is the time allotted for writing answers.
- This paper has 4 questions and 2 printed pages.

Name of the student: _____

1. Answer the following questions(As Directed) **2x3=6**

a. Fill in the blanks

i. Emerging technologies in today's world are _____ and _____ .

ii. The process of sending data packets between devices is _____.

b. Write the output of the following

i.
```
temp= int(input("enter temperature"))
temp=temp+20
if (temp<=100):
        print("temp is lesser")
else:
        print("temp is more")
```

ii.
```
a=int(input("enter a"))
y=int(input("enter y"))
x=y+4+a*6-a/2;
print(x)
```

c. Find out the errors

i.
```
a= input("enter a")
b= int(input("enter b")
if a>b
        print(a-b)
else:
        print(b-a)
```

ii.
```
while count<=10
        print(count)
        count=count+1
```

2. Answer the following questions in short **3x2=6**

a. How is data transmission different from bandwidth?

b. Why is decomposition useful?

SAMPLE

3. Answer the following questions in long **5x2=10**

a. Write a python program to find whether the given number is even or odd.

b. Write a pseudo code to check if a number is divisible by 5.

4. Case based questions **4x2=8**

a. Create a python code to compute the area of triangle using functions.

b. Create a flowchart for the following code:

```
temp=int(input("enter temperature"))
if temp>20:
    print("its warm")
elif 10<=temp<=20:
    print("it's a bit chilly")
else:
    print("its cold outside")
```

SAMPLE

Brilliant Stars School

(Affiliated to CBSE)
East Dhajanagar, Udaipur, Gomati, Tripura

Term – 1 **Session – 2026-27**
Subject – English Sample Paper **Max. Points – 80**
Class - VIII **Time – 3 hours**

Instructions –
- Answer to this question paper must be written in the answer script provided separately.
- First 10 minutes has been allotted for reading the question paper.
- The time mentioned above is the time allotted for writing answers.
- This paper has 21 questions and 3 printed pages.
- Mention the sections in the answer sheet

Name of the student: _____

Section A

1. Read the given passage and answer the following questions: **1x10 = 10**

In the exciting realm of literature, there exists a magical doorway that calls readers of all ages to set out on a thrilling journey—the pleasure of reading a story. As one opens the pages of a book, a gateway to diverse universes, characters, and emotions unfolds, making a rainbow of joy and wonder.

The joy of reading is like setting sail on a ship, navigating the vast oceans of imagination. Each sentence serves as a compass, guiding readers through unknown territories, introducing them to characters who become loyal companions on this literary journey. The twists and turns of a well-crafted plot arouse a sense of excitement and hope, transforming mere words into a long piece of music that resonates in the reader's mind.

The beauty of reading lies not only in the destination but also in the journey itself. The ability of words to paint lively images in the mind's eye allows readers to escape the limitations of reality and immerse themselves in fantastical landscapes. A well-told story has the power to transport readers to far-off places, introducing them to cultures, traditions, and experiences beyond their own.

Moreover, the emotional connection formed with characters is a testament to the author's mastery in storytelling. Whether it's the triumph of a hero, the pain of defeat, or the warmth of friendship, readers find themselves empathizing with the characters. They make an emotional bond that stays even after the last page is turned.

Answer the following questions based on the passage given above: 10

1. Describe the tone of the 2nd paragraph. (2)
2. Find out the literary devices in the 2nd paragraph and name them. (2)
3. Find out the main idea and its examples. (2)
4. Give an appropriate theme to the above passage. (1)
5. Write a short note on how literature has the power to transform readers. (2)
6. According to the passage, what is the meaning of ‘destination’? (para 3) (1)

Section B

2. Write the answer as directed: (any 10) **1x10 = 10**

a. Which of these is an example of irony from the play, The Gift of the Magi? Choose the correct answer.

A. When the shopkeeper sells the fob watch chain for $21
B. When Della sees the gift that Jim has bought for her
C. When the hairdresser cuts Della's hair short
D. When the hairdresser offers $20 for Della's hair

SAMPLE PAPER

b. Choose ALL the sentences that have an adverb and a preposition in them.
A. A pale, ghostly moon rose from behind the trees.
B. The clouds drifted away, revealing the softly glowing moon that lay beneath.
C. A pale moon rose eerily from behind the hills.
D. In the sky, a pearly moon grew brighter and brighter, illuminating the earth.

c. Why is it useful to paraphrase a poem?
A. It helps us explain the theme and tone of a poem.
B. It helps us analyse the different literary devices
C. It helps us rephrase a poem to understand it better.
D. It helps us compare one poem with another.

d. Choose the word that you would use to replace the underlined word while paraphrasing this sentence.
Injuries were more serious among infantry.
A. participants
B. infants
C. children
D. foot soldiers

e. Choose the point that you will keep in mind to infer the theme of a poem.
A. Notice the supporting characters and their dialogues.
B. Identify the figurative language used in the poem.
C. Conduct research on the life of the poet and his/her family.
D. Look for the most important ideas, especially those that are repeated in the poem.

f. Read the sentence. Identify and choose which type of sentence it is.
Though Harvey prefers watching animated movies, he rented the latest rom-com movie, and he enjoyed it very much.
A. Compound Sentence
B. Simple sentence
C. Complex Sentence
D. Compound-Complex Sentence

g. Choose the point that you will check for while listening to others' recitation of a poem.
A. If the reader could read the poem fast.
B. Whether you liked the poem or not
C. If the recitation was accompanied by music or dance
D. If the poem was recited using an appropriate tone.

h. Write the meaning of the following word:
Credible or Alter

i. Write the meaning of the following word:
Shallow or suffused

j. In which context the complex and compound sentences are different?

Section C

3. Answer the following questions: (any 10) **2x10 = 20**

a. Read the lines from the poem, and paraphrase them.

b. Which paraphrase of this sentence is better? Give one reason for your answer.
High temperature and nasal congestion are symptoms of the flu.
Paraphrase 1: Feeling stuffy and hot are signs that you have the flu.
Paraphrase 2: Fever and a blocked nose are symptoms of flu.

SAMPLE PAPER

c. Match the underlined words with the correct literary devices.

Options	Answers
A. And a solitary loon Wept, beneath the summer moon	i. Alliteration
B. Every night from dusk to dawn He croaked awn and awn and awn	ii. Hyperbole
C. Brainless bird – you're on the stage – use your wits and follow fashion.	iii. Repetition
D. And you are Mozart in disguise Come to earth before my eyes.	iv. Anthropomorphism

d. Why do you think Della was frightened during the haircut in the play, The Gift of the Magi?

e. What is the author trying to convey through the play, The Gift of the Magi? Choose the correct option.

f. Complete the following sentences by adding dependent clauses:

i. _____ make sure to lock all the doors.

ii. He prefers to work independently with a better work-life balance, _____.

g. Mention any four tools which are used in a persuasive speech to make it impactful.

h. A report of our Parliament's Estimates Committee has highlighted the near catastrophic depletion of India's forests over the last four decades. India, according to reliable data, is losing its forests at the rate of 3.7 million acres a year.

Suppose you are preparing a persuasive speech. Change the above point into an emotional appeal.

i. How does Chrismas play an important role in connecting the two parts of the story?

j. How can we use the same word as multiple parts of speech? Explain with example.

Section D

4. Answer the following questions: **4x5 = 20**

a. Draw the character sketch of Olga in 6–7 sentences based on her dialogues and actions.

b. Read the following poem and summarize it:

Tiger in the Zoo
He stalks in his vivid stripes
The few steps of his cage,
On pads of velvet quiet,
In his quiet rage.
He should be lurking in shadow,
Sliding through long grass
Near the water hole
Where plump deer pass.
He should be snarling around houses
At the jungle's edge,
Baring his white fangs, his claws,
Terrorising the village!

c. Read the following passage and write a critique:

On July 16, 1969, at 8:32 EST (Eastern Standard Time), Apollo 11 was launched into space from the Kennedy Space Centre. Its mission was to land successfully on the moon and return back to Earth safely. NASA chose as Apollo 11's landing site an area on the moon that had few craters and no boulders, large hills, high cliffs, or deep craters. A tiny camera showed astronaut Neil Armstrong as he descended the ladder from the spacecraft's forward hatch and stepped onto the moon. After Armstrong's first steps on

SAMPLE PAPER

the moon, the astronauts collected samples of moon rock for scientists to study and even ate a meal on the moon before heading back home. It was an unforgettable experience for NASA, the astronauts, and the public, who were watching at home on their televisions!

d. You have been asked to prepare a Presentation on the following topic:
'Changing role of the library in the digital age'
Step by step show how you will begin and complete the research phase. Show each step with examples. Start with What do I already know about the topic? What do I not know about the topic? What questions will help me find the most relevant information?

e. Mention all the steps for making a Presentation.

Section-E

5. Answer the following questions: **5x4= 20**

a. Match the underlined idioms with their meanings:

Idioms	Meaning
i. A hand shake is a universal way to break the ice.	A. extremely happy
ii. As you made the mistake, now you have to face the music and accept the criticism	B. started the conversation
iii. The tiger jumped over the fence and the crowd outside made a hue and cry.	C. suspect something wrong
iv. When she got the job, she was in cloud nine as it was her dream job.	D. an uproar
v. Since he came, he was in frown because he could smell a rat here	E. face the reality

b. How did you feel after reading the poem, The Frog and the Nightingale? Describe the effect it had on you in 5–6 sentences. You can think about the characters' actions and feelings, as well as their effect on the events of the poem.

c. Write a stanza of 4–6 lines on the topic, Hope. Give your poem a fitting title. Keep the following points in mind:
- Theme of the poem
- Introduction and conclusion
- Repetition/Rhyming or literary device used

d . Answer the following questions as directed:

i. Read the following information, identify the error and also supply correction.
Massive discount is offered to all senior citizen vaccinated with the precautionary dose.

ii. The following letter is not edited. Correct it with identifying the error.
Dear Sia
You know, yesterday when I was writing on the board, mom called me to remind about the orders.

iii. Write the following reported speech correctly.
Ram politely asked the teacher if he could stay into the classroom since it is hot outside.

iv. The following is a common practice. Write it correctly.
The maximum number of people errs when it comes to obeying traffic signals.

v. Identify the error in the following scientific fact and also please provide the correction.
Air pollution is emerged like a global problem in the world.

SAMPLE PAPER

Brilliant Stars School

(Affiliated to CBSE)
East Dhajanagar, Udaipur, Gomati, Tripura

Term – 1 **(Sample Paper)** | Session - 2026-27
Subject – Mathematics | Max. Points – 80
Class – VIII | Time – 3 hours

General Instructions:

1. This Question Paper has 5 Sections A-E.
2. Section A has 16 questions carrying 01 mark each, three true/false, three Fill in the blanks and 10 M.C.Q.s
3. Section B has 8 questions carrying 02 marks each.
4. Section C has 8 questions carrying 03 marks each.
5. Section D has 5 questions carrying 04 marks each.
6. Section E has 1 case based assessment (04 marks each) with subparts of the values of 1, 1 and 2 marks each respectively.

Name of the Student: _____

SECTION -A

Section A consists of 16 questions of 1 mark each.

Write True / False: **1 × 3 = 3**

1. A = {12, 24,36,48,60} in set builder form is A = {x : x = 12n, 0 < n < 5}
2. The probability of getting 4 on rolling a dice is 4/6.
3. $\frac{19}{34} \div 0$ is not a rational number.

Fill in the blanks: **1 × 3 = 3**

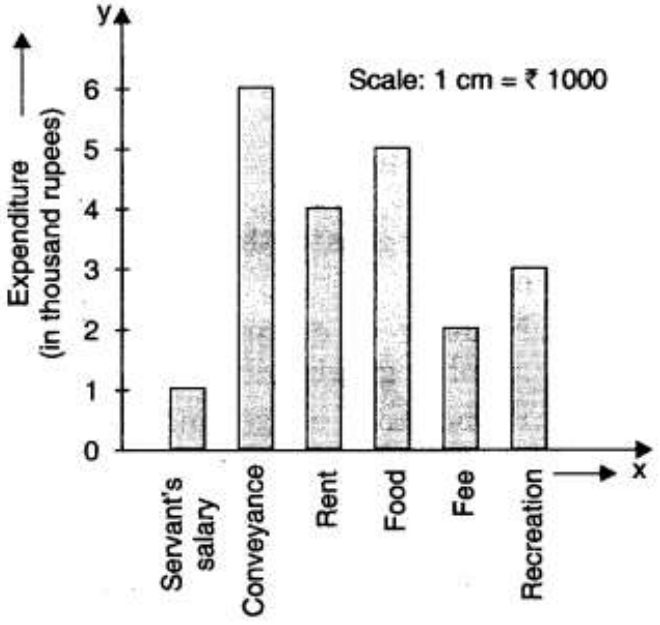
4. The line segment joining the opposite vertices of a quadrilateral called.....
5. Square numbers can have only ..... number zeroes at the end.
6. The probability of getting head or tail in a toss of coin is _____ .

M.C.Q.: Choose the correct option from the given options: **1 × 10 = 10**

7. The difference between the cube roots of 2197 and 729 is
   a) 4 b) 6 c) 7 d) 9
8. A histogram has:
   a) Class intervals as highest (b) frequencies as highest (c) frequencies as bases
   d) frequencies as highest and bases
9. The rational number that doesn't have a reciprocal is
   a) 1 b) – 1 c) 0 d) None of these
10. The sum of the first 11 odd numbers is
    a) 131 b) 101 c) 111 d) 121
11. Choose the option that shows the prime factors of 1,444.
    a) $3^2 \times 2 \times 15$ b) $2^2 \times 5 \times 11$ c) $2^2 \times 3 \times 17$ d) $2^2 \times 19^2$

SAMPLE

12.Observe the following bar graph carefully and answer the following questions.



Which item falls in the range of ₹ 4500 - ₹ 6000?

a) Conveyance b) Rent c) Fee d) Servant's salary.

13. The value of x for which $\frac{2x-3}{3x+2} = \frac{-2}{3}$ is

a) $\frac{5}{10}$ b) $\frac{5}{11}$ c) $\frac{11}{5}$ d) $\frac{5}{12}$

14. Harry has 3 red cards, 4 blue cards, and 5 green cards. What are the chances of NOT picking a blue card?

a) 3 out of 12 b) 4 out of 12 c) 8 out of 12 d) 4 out of 8

15. Among a group of people, 40 people like red, 20 people like blue, and 30 people like green. 5 people like both red and green, 6 like both red and blue, 7 like both green and blue, and 2 like all three colours. If each person likes at least one colour, how many people like only red?

a) 20 b) 9 c) 27 d) 2

16. A pair of dice is rolled. What is the probability that their sum is a multiple of 5?

a) 2/36 b) 12/36 c) 7/36 d) 9/36

SECTION -B

Section B consists of 8 questions of 2 marks each. **2 × 8 = 16**

17. Find any 4 rational numbers between $\frac{-4}{7}$ and $\frac{-8}{9}$.

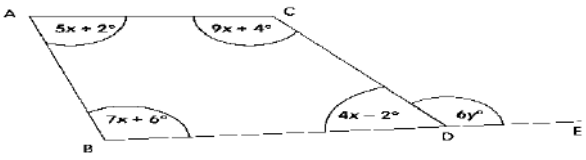
18. Prove that if a number is doubled then its cube is 8 times the cube of the given number.

19. Tina has received a special offer as a part of a promotion. If she buys a particular product, she will get an additional 10% of that product absolutely free. Tina then orders the product, the total weight of which is 660 g. What is the weight of the product that she has paid for?

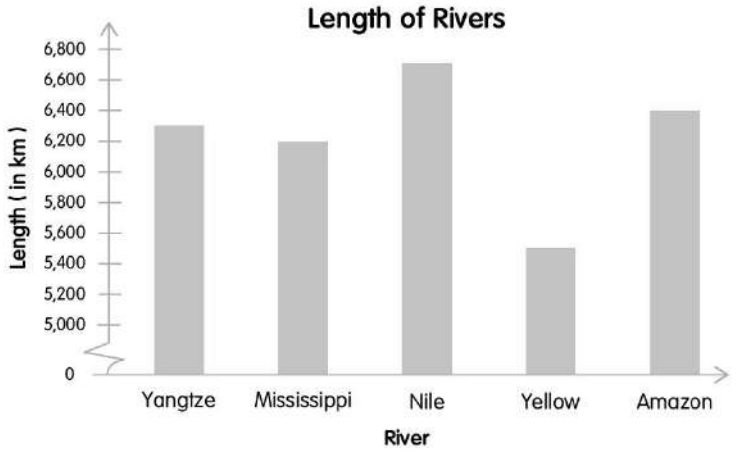
OR

The amount of plastic waste generated in a city in September 2018 was 17,650 kg. The students designed a program to raise awareness. The plastic waste generated in December 2018 was 16,400 kg. Find the percentage change in plastic waste generation over these four months.

20. Find the values of x and y.



21. The graph shows the approximate length of some rivers. Look at the bar graph and fill in the blanks.



A. River Yangtze is longer than River Yellow by km.
B. The two rivers whose lengths are in the ratio 32:31 are the and the ……. ,

22. Fabio offers a 5% discount on linen blazers and a 10% discount on cotton shirts to clear the stock. If each linen blazer is marked at $950 and each cotton shirt is listed at $125, what will the final bill be for a customer who buys 2 blazers and 3 shirts?

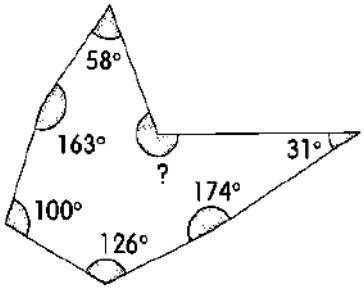
OR

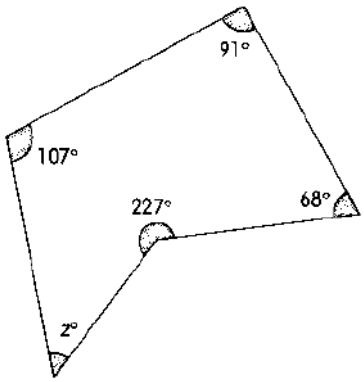
At the end of the month, Fabio gets a commission on all the sales that he made. He gets a 3% commission for all sales up to $20,000 and a 4% commission for the additional amount over this. If he has net sales of $25,450 in the month of January 2021, what is his commission?

23. Simplify the expression using the BODMAS rule.

$$\{\frac{3}{2}+(\frac{-5}{3}\times\frac{8}{9})\ -5\}+\frac{1}{2}$$

24. Find the missing angles:

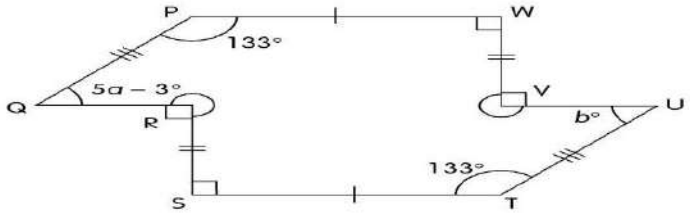




SECTION -C

Section C consists of 8 questions of 3 marks each. **3 × 8 = 24**

25. Find the missing angle:



26. Erica planted 1,296 tulips in rows on her farm. If the number of saplings in each row is the same as the number of rows, how many rows of tulips did she plant?

OR

Find the smallest number by which 882 should be multiplied to get a perfect square. Also find the square root of the number obtained.

27. Find the missing frequency of the data if the mean is 17.6.

Class Interval	0–10	10–20	20–30	30–40	40–50
Frequency	20	10	x	5	4

28. Mark sells a photocopier for $2,530 to earn a profit of 10%. If he sells a second photocopier (that cost the same as the first) for $2,400, what is his overall profit or loss percent from both transactions?

OR

By selling a bucket for ₹ 67.50, a shopkeeper loses 10%. How much per cent would he gain or loss by selling it for ₹ 82.50?

29. A computer laboratory is being set up in a school. Olivia has noted the various cost estimates to present to the school board.

Requirements	**Computers**	**Air conditioners**	**Furniture**	**Power supply outlets**
Cost	$52,400	$6,200	$4,000	$1,400

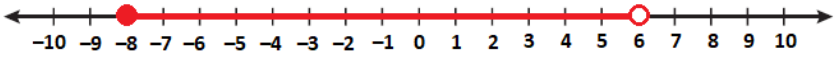
Help Olivia represent this data in a circle by finding the angles made by the computer sector and the furniture sector.

30. The amount of plastic waste generated in a city in September 2018 was 17,650 kg. The students designed a program to raise awareness. The plastic waste generated in December 2018 was 16,400 kg. Find the percentage change in plastic waste generation over these four months.

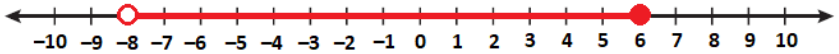
31. Solve each inequation and write the answer. Which of the two number lines shows the correct representation of the inequation?

$x - 8 < 2x \leq x + 6$

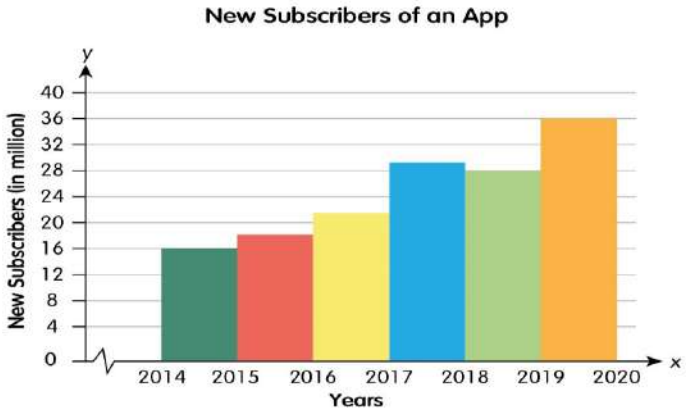
A.



B.



32. This graph shows the number of new subscribers each year for an online app.



Create a word problem based on this histogram.

SECTION -D

Section D consists of 5 questions of 4 marks each. **4 × 5 = 20**

33. An NGO received $500,000 worth of funds from various sources in the period from 2019 to 2020.

Sources	Corporates	Foundations	Trusts	Other Sources
Percentage of Total Donations	55%	25%	15%	5%

a) Find the central angle for each data category.
b) Draw a pie chart to represent this data.
c) Write the amount received from each source.

34. i) Let M = {x: x is a multiple of 5, $0 < x \leq 20$}, N = {x: x is a multiple of 10, $0 < x < 10$}, and O = {x: x is a multiple of 4, $0 < x \leq 25$}. Prove these properties.

a) $M \cap N = N \cap M$ b) $(M \cup N) \cup O = M \cup (N \cup O)$

ii) Let n(A) = 24, n(B) = 12 and n (A∩ B) = 6. Find the cardinality of these sets

a. n (A ∪ B) b. n (A - B) c. n (B - A)

35. Solve : $\frac{7x+3}{2} - (x - \frac{x-2}{3}) = 15$

OR

$\frac{x-4}{2} + \frac{x-3}{2} = \frac{2x-5}{3} - \frac{3x-22}{5}$

36. Construct a rhombus, where one side measures 5.2 cm and one of the diagonals measures 9.1 cm. Mention steps of construction.

37. A die is thrown at random. Find the probability of getting

(i) 2 (ii) a number less than 3 (iii) a composite number (iv) a number not less than 4.

SAMPLE

SECTION -E

Case study-based questions **(1+ 1+ 2 = 4)**

38. Given here is an advertisement of Rekha fitness center, announcing the reduction in fee.

Fee	
2 Month Fee	~~2400~~
*Per person	2200
3 Month Fee	~~3500~~
*Per person	2800
4 Month Fee	~~4000~~
*Per person	3600
6 Month Fee	~~6800~~
*Per person	4600
12 Month Fee	~~13400~~
*Per person	7500

Read through the advertisement and work out the following:

(a) Find the discount given on 2 month fee.

(b) Find the discount per cent given in 4 month fee.

(c) Which proposal is better: discount on 6 months fee per person or 12-month fee per person?

SAMPLE

Brilliant Stars School

(Affiliated to CBSE)

East Dhajanagar, Udaipur, Gomati, Tripura

Term-1	**Session - 2026-27**
Subject – Science	**Max.Points – 80**
Class – VIII	**Time – 3 hours**

General Instructions:

i. This question paper consists of 39 questions in 5 sections.
ii. All questions are compulsory. However, an internal choice is provided in some questions. A student is expected to attempt only one of these questions.
iii. Section A consists of 20 objective-type questions carrying 1 mark each.
iv. Section B consists of 6 Very Short questions carrying 02 marks each. Answers to these questions should in the range of 30 to 50 words.
v. Section C consists of 7 Short Answer type questions carrying 03 marks each. Answers to these questions should in the range of 50 to 80 words.
vi. Section D consists of 3 Long Answer type questions carrying 05 marks each. Answer to these questions should be in the range of 80 to 120 words.
vii. Section E consists of 3 source-based/case-based units of assessment of 04 marks each with sub-parts.

Name of the student: _____

Section A

1. What kind of sound does hydrogen gas make when a lit candle is placed close to the mouth of the test tube where it is evolved?
   a) Twinkling
   b) Pop
   c) Bell tone
   d) Sizzle
2. Which of the following is a non-metal that can be stored in the water?
   a) Sodium
   b) Potassium
   c) Phosphorous
   d) Calcium
3. Which of the following is the best fire extinguisher for electrical equipment and inflammable substances?
   a) water
   b) carbon dioxide
   c) oxygen
   d) all of the above
4. Which of the following does not burn with a flame?
   a) molten wax
   b) kerosene
   c) charcoal
   d) None of the above
5. When two forces act in opposite directions, then net force acting two forces
   a) sum of two factors
   b) difference between two factors

SAMPLE

c) both a and b
d) None of these

6. Muscular force is also called
   a) non-contact force
   b) contact force
   c) gravitational force
   d) magnetic force
7. Friction due to fluid is called
   a) force
   b) pressure
   c) friction
   d) drag
8. If we apply oil on door hinges, the friction will
   a) increase
   b) decrease
   c) disappear altogether
   d) will remain unchanged
9. If a school wants to implement the "Reduce" and "Refuse" strategies of the 5R principle to manage waste, which action should it take?
   a) Melt old plastic bottles to make new benches for the playground.
   b) Ban single-use plastic water bottles and plastic wrappers on campus.
   c) Bury all plastic trash in a deep pit behind the school building.
   d) Burn plastic garbage in an incinerator every evening.
10. Permanent hardness of water cannot be removed by simple physical boiling. This type of hardness is caused by which dissolved salts?
    a) Carbonates of sodium and calcium
    b) Oxides of magnesium and zinc
    c) Chlorides and sulphates of calcium and magnesium
    d) Bicarbonates of potassium and iron
11. Which of the following is not provided to the soil by a chemical fertiliser?
    (a) Nitrogen (b) Humus (c) Potassium (d) Phosphorus

12. The process of beating out grains from the harvested wheat crop is called
    (a) beating (b) crushing (c) threshing (d) harvesting

13. Watering the crops is called
    (a) sowing (b) manuring (c) tilling (d) irrigation

14. The nucleus is separated from the cytoplasm by_____
    (a) cell membrane (b) nuclear membrane (c) organs (d) nucleoplasm

15. What do tissues combine to form?
    (a) nucleus (b) cells (c) organism (d) organs

16. Where are chromosomes found?
    (a) nucleus (b) nucleoplasm (c) nucleolus (d) vacuole

17. Substance used to produce immunity against diseases in the living body is called
    (a) immune (b) vaccine (c) antibody (d) antigen

18. Spherical-shaped bacteria are called
    (a) bacilli (b) vibrio (c) spirilla (d) cocci

19. Medium that transmits pathogens from an infected person to a healthy one is called
(a) fungi (b) germs (c) carrier (d) none of these

20. The process in which sugar in the food is transformed into alcohol and carbon dioxide by using microorganisms is known as
(a) transformation (b) beverage (c) fermentation (d) respiration

Section B

21. Why do kabaddi players rub their hands with dry soil before a match begins?

22. If you hold a piece of iron wire with a pair of tongs inside a candle flame or a Bunsen burner flame, what will you observe? Will it produce a flame?

23. Which liquid metal is used for making thermometers? Explain.

24. What do you mean by weeding? Why the process of weeding necessary? Name the methods applied for weeding.

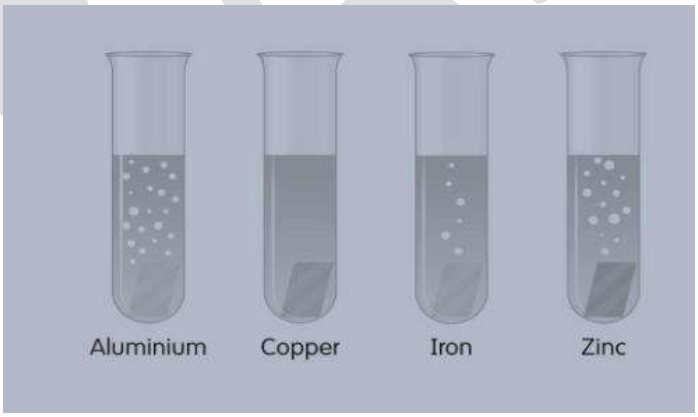
25. What would happen if animals have cell wall

26. Distinguish between prokaryotes and eukaryotes.

Section C

27. Paheli bought a statue made of copper. To her surprise, it acquired a dull green coating after a couple of months. Explain the reason.

28. Look at the figure showing the reactions of metals with acids. The number of bubbles indicates the vigour of the reaction. When a burning splint is introduced near each test tube, how would the intensity of the pop sound vary? Explain.



29. A basketball player is standing 6 m from the basketball hoop. He is getting ready to shoot the ball through the hoop. How would more or less force affect the throw, and why? (1+2)

SAMPLE



30. The calorific values of petrol and CNG are 45000 kJ/kg and 50,000 kJ/kg, respectively. If you have vehicle which can run on petrol as well as CNG, which fuel will you prefer and why? (2+1)
31. Mention three differences between Rabi crops and Kharif crops.
32. Name any two types of cells that are capable of changing their shape. How does this feature help them in their functions?
33. The size of the cells of an organism has no relation to the size of its body. Do you agree? Give the reason for your answer.

OR

Pull out a gram or bean plant from the field. Observe its roots. You will find round structures called root nodules on the roots. Draw a diagram of the root and show the root nodules.

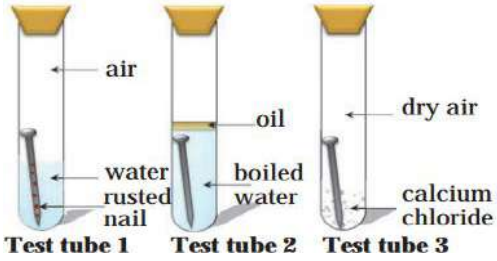
Section D

34. Balance the chemical equations: - (1.5 + 1.5 + 2)

a) $H_2O_2 \rightarrow H_2O + O_2$
b) $NaClO_3 \rightarrow NaCl + O_2$
c) Zinc and lead (II) nitrate react to form zinc nitrate and lead.

35. Answer to the following questions: (2.5 + 2.5)

a) Three experiments to study the process of rusting are given below. Observe the three test tubes and answer the following questions:



i)State whether the iron nail placed in test tube 3 (containing anhydrous calcium chloride) will rust or not. (0.5 Mark)
ii) What is the specific chemical function of adding anhydrous calcium chloride inside test tube 3? (1 Mark)
iii)Explain why the presence of dry air alone is not enough to cause the rusting of an iron nail. (1 Mark)

SAMPLE

b) Why do sea divers wear specially designed suits?

36. Krishi Vigyan Kendra (KVK), a constituent extension centre of Tamil Nadu Veterinary and Animal Sciences University, organised a farmer's workshop on organic farming in vegetable cultivation at Kalayarkoil to commemorate the World Soil Day.
(a) What is organic farming?
(b) What is the advantage of organic farming?
(c)What are the health benefits of organic farming?
(d) What values of KVK are shown here?

Section E

37. Read the table and answer the questions**:** **(2 + 2)**

<table>
<tr><th>Metal</th><th>Reaction with oxygen</th><th>Reaction with water</th></tr>
<tr><td>Potassium</td><td rowspan="2">Burns vigorously to form metal oxide</td><td rowspan="2">Reacts with cold water to form hydrogen and a metal hydroxide</td></tr>
<tr><td>Sodium</td></tr>
<tr><td>Calcium</td><td rowspan="3">Burns with decreasing vigour to form a metal oxide</td><td rowspan="2">Reacts with only steam to form hydrogen and a metal oxide</td></tr>
<tr><td>Magnesium</td></tr>
<tr><td>Aluminium</td><td></td></tr>
<tr><td>Lead</td><td rowspan="2">Reacts slowly with oxygen to form a metal oxide</td><td rowspan="2">No reaction</td></tr>
<tr><td>Copper</td></tr>
</table>

a.Which metal is preferable for producing more hydrogen by using less energy: sodium or magnesium? Give a reason for your answer.

b.If equal amounts of the metals are heated to the same temperature, arrange the metal oxides in increasing order of the time it takes to produce them: CaO, CuO, and K_2O. Explain your answer.

38. Draw a labelled diagram of a typical plant cell. Why is mitochondria called the powerhouse of cell?

39. In agriculture why loosening of soil is important? Mention different types of modern practices of irrigation system in agriculture.

Brilliant Stars School

(Affiliated to CBSE)
East Dhajanagar Udaipur Gomati Tripura

Term – I (Sample Paper) **Session – 2026 – 27**
Subject – Social Science **Total Marks – 80**
Class – VIII **Time – 3 Hrs**

Instructions

- Answer to this question paper must be written in the answer script provided separately.
- First 10 minutes has been allotted for reading the question paper.
- The time mentioned above is the time allotted for writing answers
- The paper has 3 sections and 5 printed pages.

Section – A
(HISTORY) **25**

A. Multiple Choice Questions **1X5 = 5**

1. The East India Company used several methods to expand its political power in India. Which of the following best explains this process?
a) It depended only on peaceful trade agreements.
b) It used wars, diplomacy and political alliances to acquire territories.
c) It avoided interfering in the affairs of Indian rulers.
d) It transferred all its trading rights to Indian merchants.

2. The Permanent Settlement introduced by the British mainly affected:
a) soldiers and artisans
b) zamindars and peasants
c) tribal chiefs only
d) European merchants

3. A tribal community that depended on forests for food, fuel and livelihood would be most affected by:
a) expansion of forest laws and restrictions on forest use
b) development of modern schools
c) introduction of railways alone
d) growth of coastal trade

SAMPLE PAPER

4. Which of the following was an important reason for the widespread discontent among Indian soldiers before the Revolt of 1857?
   a) They were given higher salaries.
   b) They were given complete freedom in military matters.
   c) Their religious and social beliefs were affected by certain British policies.
   d) They were allowed to leave the army whenever they wished.

5. Which statement best describes the significance of the Revolt of 1857?
   a) It ended British rule immediately.
   b) It was a major challenge to British authority in India.
   c) It was only a conflict between two Indian rulers.
   d) It was a movement started by European traders.

B. Underline the error in the following sentences and make them correct (If any) 1X5 = 5

1. The East India Company won the Battle of Plassey in 1764.
2. The Permanent Settlement was introduced mainly to protect the interests of the peasants.
3. Tribal communities welcomed the British restrictions on their traditional use of forests.
4. The Revolt of 1857 first began at Delhi.
5. After the Revolt of 1857, the British Crown transferred the administration of India to the East India Company.

C. Answer the following questions (short Answer Type, 40 to 50 words) 2X5 = 10

1. How did the East India Company establish its political control over Bengal?
2. What changes did British land revenue policies bring to the lives of peasants?
3. Why did the British introduce forest laws, and how did these laws affect tribal communities?
4. What were the major causes of the Revolt of 1857?
5. Why did the Revolt of 1857 fail to overthrow British rule in India?

D. Long Answer Type Question (100 to 120 words) 5X1 = 5

1. When did Gandhi returned form South Africa? Why was Gandhi called a leader of the masses?

Section – B
(GEOGRAPHY) 30

A. Answer the following questions (Short Answer Type 40 to 50 words) 2X5 = 10

1. What is soil erosion? Mention any two methods of soil conservation.
2. Why is water considered an important natural resource? Mention two ways to conserve it.
3. What factors are responsible for the distribution of natural vegetation and wildlife?
4. Differentiate between metallic and non-metallic minerals with suitable examples.
5. Why are renewable sources of energy important for the future?

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B. Fill in the blanks **1X5 = 5**

1. The process of removal of the top fertile layer of soil by wind or water is called ____.
2. The planting of trees on a large scale is known as ____.
3. Coal and petroleum are examples of ____ sources of energy.
4. Minerals from which metals can be extracted are called ____ minerals.
5. Energy obtained from the heat inside the Earth is called ____ energy.

C. Picture based question **5**

Analyse the given picture showing the use of renewable sources of energy and answer the following questions: 2+2+1 = 5



1. A town wants to reduce air pollution and its dependence on fossil fuels. Based on the picture, suggest two changes the town could make and explain how each would help.
2. If the solar panels shown in the picture are installed in a place that receives very little sunlight, how would this effect electricity generation? Suggest one alternative energy source from the picture that could be used.
3. Why would replacing petrol or diesel vehicles with the vehicle shown in the picture help make the environment cleaner?

D. Long Answer Type Question (100 to 120 words) **5X1 = 5**

1. Explain the importance of land, soil, water, natural vegetation and wildlife. Why is conservation of these resources necessary?

2. Map Work **1X5 = 5**

1. On the outline map of India locate five major states in which there are iron industries are located.

Section – C
(CIVICS) 25

A. Match the following **1X3 = 3**

Columb – A	Columb – B
1. Part III of Indian Constitution	a. Equal voting rights
2. Article 14	b. Fundamental Rights
3. Universal adult franchise	c. Right to equality

SAMPLE PAPER

B. Fill in the blanks **1X2 = 2**

1. In a city 10% are Parsi, 5% are Buddhist and 85% are Hindu. _____ community is the minority.
2. The _____ presides of the session of Lok Sabha.

C. Answer the following questions (Short Answer Type 40 to 50 words) **2X5 = 10**

1. Suppose you have to obey a law that you think is arbitrary, what would you do as a responsible citizen to challenge the law without using violence?
2. During the Question Hour in the Lok Sabha, many MPs belonging to the Opposition parties raise questions about the functioning of the government. Do you think the participation of Opposition MPs during Question Hour important for a healthy democracy? Justify.
3. A school celebrates festivals of different religions and allows every student to follow their own religious beliefs without discrimination. Which principle of secularism is reflected in this situation, and how does it promote equality among students?
4. In a democratic country, the powers of making laws, implementing laws, and interpreting laws are given to different institutions. Why is this separation of power important for preventing the misuse of power?
5. Mention any two provisions by which Constitution of India protects the minorities in India.

D. Read the passage and answer the following questions: (2+2+1 = 5) **5**

<u>The Right to Equality: Foundation of a Democratic Society</u>

The Right to Equality is one of the Fundamental Rights guaranteed by the Constitution of India. It is an important principle of democracy because it ensures that every person is treated equally before the law. Equality does not mean that every person must be identical in every way. Instead, it means that all people should have equal rights, opportunities, and protection under the law.

The Constitution states that the State shall not deny any person equality before the law or equal protection of the laws**.** This means that laws should apply fairly to everyone, regardless of their religion, race, caste, sex, or place of birth. No person should receive special treatment simply because of their social position, wealth, religion, or family background.

The Right to Equality also prohibits discrimination on certain grounds. For example, a person cannot be denied access to public places such as shops, restaurants, hotels, roads, and wells because of their religion, caste, sex, or place of birth. This provision is particularly important in a country as diverse as India, where people belong to different communities and social groups.

Another important aspect of equality is the abolition of untouchability**.** The Constitution declares untouchability illegal in all forms. This was a significant step towards ending the historical practice of treating certain communities as socially inferior. Anyone who practises untouchability can be punished according to law.

The Constitution also abolishes titles that create artificial distinctions among citizens, except for academic and military distinctions. The purpose is to prevent the creation of a privileged class based on titles. At the same time, the Constitution permits the government to take special measures for disadvantaged groups so that they can enjoy genuine equality and equal opportunities.

Thus, the Right to Equality is not merely about treating everyone in exactly the same manner. It is about creating a society in which every individual has dignity, equal legal protection, and a fair opportunity to progress. It helps strengthen democracy by reducing discrimination and promoting justice, respect, and social harmony.

1. What is the main idea of the passage?

2. Why is the abolition of untouchability important?
3. Imagine that a restaurant refuses to serve a person because of their caste. Which principle of the Right to Equality is being violated? Explain.

E. Long Answer Type Question (100 to 120 words) 5X1 = 5

Suppose the government wants to change an existing law because it is no longer suitable for present-day society. A Bill is introduced in Parliament to make the necessary changes. Describe the main steps involved in changing an existing law. Why must Parliament discuss and examine the proposed changes carefully?

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