

SAMPLE PAPER**TIME : 3 HRS.****MAX. MARKS : 80****General Instructions:**

1. This paper is divided into three sections: A, B and C. All questions are compulsory.
2. Separate instructions are given with each section and question, wherever necessary. Read these instructions very carefully and follow them.
3. Do not exceed the prescribed word limit while answering the questions.

PART - A**40 MARKS****READING****(20 MARKS)****1. Read the passage given below.**

- (1) We are learning more every day about the answers to this question, which has moved closer to the forefront of our collective psyche as new environmental challenges emerge. Biodiversity is the incredible and dizzying variety of life that surrounds us, including all of the earth's plants, animals, their habitats, and the natural processes that they are a part of. It has become clear that biodiversity is the cornerstone of our existence on Earth. It is also important to conserve biodiversity for the sake of our own curiosity and aesthetic appreciation. Colorado's mountains are spectacular, but what would they be without our splendid variety of wildlife and wildflowers? Colorado is full of biodiversity wonders, many of which are unique to our state.
- (2) Medicines originating from wild species, including penicillin, aspirin, taxol and quinine, have saved millions of lives and alleviated tremendous suffering. Forty per cent of all prescriptions are for medicines that originated from plants and animals. No one knows how many more cures await discovery, hidden in Earth's poorly studied species.
- (3) There are 80000 species of edible plants known on Earth, but 90 per cent of the world's food comes from a mere 20 of these species. Edible plant species, both those we know of and those we don't, offer a tremendous resource of possibilities that could greatly add to the security of our food. How many of these have high potential for commercial exploitation and for feeding the hungry? Certainly a great many. Breeding cultivars with their wild counterparts can also confer resistance to diseases and increase crop yield.
- (4) Biodiversity is the life support system of our planet. We depend on it for the air we breathe, the food we eat, and the water we drink. Wetlands filter pollutants from water, trees and plants, reduce global warming by absorbing carbon, and bacteria and fungi break down organic material and fertilise the soil. It has been empirically shown that native species richness is linked to the health of ecosystems, as is the quality of life for humans. The connections between biodiversity and our sustainable future appear closer and closer the more we look. We literally need to conserve biodiversity like our lives depend on it.

On the basis of your reading, answer any ten of the following questions. (1 × 10 = 10)

- (a) What is biodiversity?
- (1) The limited and visible variety of life that surrounds
 - (2) The unlimited variety of plastic that surrounds us
 - (3) The unlimited variety of life that surrounds us
 - (4) The unlimited variety of plants that surround us
- (b) The given passage seeks to
- (1) highlight the need to conserve biodiversity.
 - (2) how less we know about our planet.
 - (3) the medicinal richness of our biodiversity.
 - (4) All of these
- (c) Which of the following statement is NOT TRUE according to the given passage?
- (1) Colorado's beauty is reducing day by day.
 - (2) We are not aware of how many medicinal herbs are not yet discovered by the scientists.
 - (3) Biodiversity makes sure that we have pure water to drink.
 - (4) Flora and fauna comprising the biodiversity is at huge risk.
 - (5) Our future inherently depends on the biodiversity.
- (1) (1) and (2) (2) (3) and (4) (3) Only (1) (4) Only (5)
- (d) Why it is important to conserve biodiversity?
- (1) For the sake of our own curiosity
 - (2) For aesthetic appreciation
 - (3) It is vital for economic growth
 - (4) Both (1) and (2)
- (e) Biodiversity is a life support system of our planet because.....
- (1) it reduces global warming
 - (2) our lives are dependent on it
 - (3) it helps in fertilising the soil
 - (4) All of these
- (f) What can make wild plants resistant to disease and increase crop yield?
- (1) Treating them with insecticides
 - (2) Cultivating them at our homes
 - (3) Giving them water and manure
 - (4) Breeding cultivators with them
- (g) We depend on.....for the air we breathe, the food we eat and the water we
- (1) diversity, eat
 - (2) biodiversity, drink
 - (3) diversity, drink
 - (4) biodiversities, drink
- (h) Which word in para 1 means 'amazing'?
- (1) forefront
 - (2) psyche
 - (3) dizzying
 - (4) natural
- (i) Which of the following will be the most appropriate title for the passage?
- (1) Conserving for Life
 - (2) Medicinal Bounty
 - (3) Need for Change
 - (4) Living for Earth

(j) Select the option that makes the correct use of 'forefront' as used in the passage, to fill in the space.

- (1) The answer he wanted to give lingered at the.....of his tongue.
- (2) An image appeared.....the images swirled and began to play a disjointed movie.
- (3) As a publicist he stood in the.....of reform.
- (4) The two visions that haunted her since she was a child.....in her mind.

(k) Choose the option that incorrectly states the meaning of 'confer', as used in the passage.

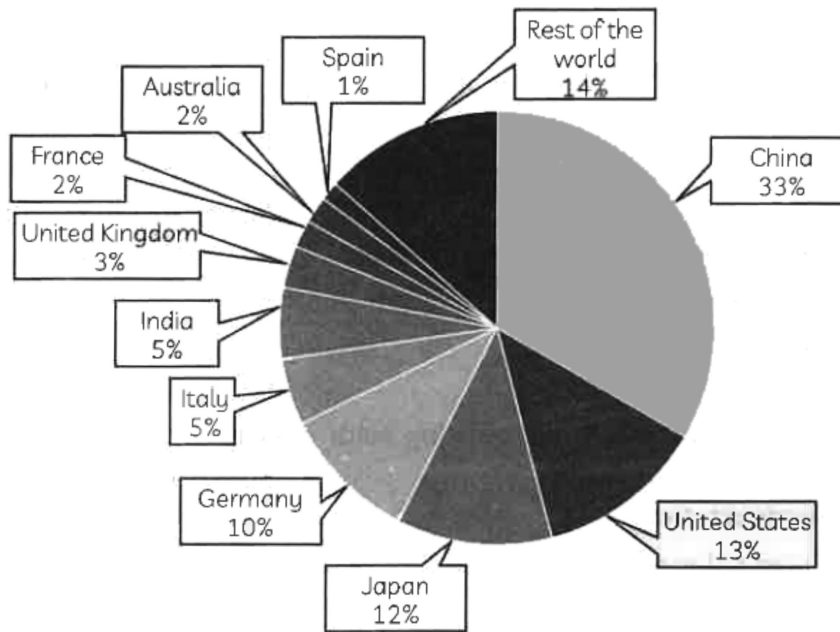
- | | | | |
|-------------|-------------|-------------|--------------|
| 1. Grant | 2. Speak | 3. Permit | 4. Negotiate |
| 5. Exchange | 6. Trap | | |
| (1) 1 and 2 | (2) 3 and 4 | (3) 5 and 6 | (4) 2 and 6 |

(l) Which of the following is NOT a function performed by Wetlands?

- (1) Filter pollutant from water, trees and plants,
- (2) Prevents erosion of soil,
- (3) Reduces global warming.
- (4) Fertilises the soil.

2. Read the passage given below.

- (1) Of all the inventions of science, solar rickshaw is perhaps the most useful on the practical side of life. It is not just any rickshaw but an optimally designed, pedal-operated, and motor-assisted three-wheeler. This zero carbon, urban transport vehicle or 'pedicab' was designed and developed by a team of engineers from the Central Mechanical Engineering Research Institute, Durgapur, West Bengal.
- (2) Like a solar rickshaw, the gorgeous green phone is another wonderful invention of the scientific mind. We all know that mobile phones are must-haves these days. In fact, according to statistics, six out of ten people in this world own a cell phone. So imagine the energy consumed and the e-waste generated by these devices. With this in mind, many handset manufacturers are going green, while some are even going solar.
- (3) Samsung, for instance, has unveiled a solar-powered phone - "Blue Earth". It is a touch phone that has a full solar panel on its back which can generate enough power to charge the phone. It is made from recycled plastic from water bottles and has a built-in pedometer to keep a tab on your carbon dioxide emissions. It is also small enough to fit into your pocket.
- (4) Like solar-powered homes, solar cars harness energy from the sun by converting it into electricity. This electricity fuels the battery that runs the car's motor. Instead of using a battery, some solar cars direct the power straight to an electric motor. Great examples of the latest solar-powered cars are the University of Michigan solar car, the MIT solar car, and the Berkeley solar car.
- (5) Solar cars use photovoltaic cells to convert sunlight into energy. Photovoltaic cells are the components in solar panels that convert the Sun's energy to electricity. They're made up of semiconductors, usually silicon, that absorb the light. The sun's energy frees electrons in the semiconductors, creating a flow of electrons. This flow generates electricity that powers the battery and the specialized motor in solar cars.



The History of Solar Power

• Crocks used passive solar to heat buildings (400 BC).	• 1941: American Russell Ohl inventd a silicon solar cell.
• Roman improved by using glass to trap heat in the buildings and green houses (100 AD).	• 1954: Bell Labs researchers Pearson, Chapin, and Fuller reported their discovery of 4.5% efficient silicon solar cells.
• 1700: Antoine La Voisier builds a solar heater.	• 1950's: Solar cells developed for satellites.
• 1839: French physicist Antoine-Cesar Becquerel observed that shining light on an electrode submerged in a conductive solution would create an electric current.	• 1960: Hoffman Electronics achieved 14% efficient PV cells
• 1860: The first solar motor, heated water used to drive a steam motor, Auguste Mouchout.	• 1973: OPEC energy crisis causes US to reexamine use of renewable energy sources; federal and state tax credits result in rapid growth for a new solar industry.

On the basis of your reading of the passage, answer any ten of the following questions.

- (a) One of the wonderful inventions of science as discussed by the writer (1 × 10 = 10)
- (1) solar rickshaw (2) green phone (3) both (1) and (2) (4) none of these
- (b) Why is a solar rickshaw eco-friendly?
- (1) takes energy from the Sun (2) is a zero carbon vehicle
- (3) is hand operated (4) all of these
- (c) What is "Blue Earth"?
- (1) a whale (2) a mobile phone
- (3) an island (4) a lake

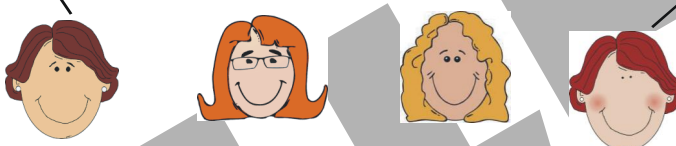
- (d) What eco-friendly devices are handset manufacturers producing?
- (1) red phones (2) orange phones
(3) green phones (4) all of these
- (e) Some solar cars do not use battery because:
- (1) they run on electricity
(2) they direct the solar power to an electronic motor
(3) they charge a solar motor they have
(4) they are manually operated
- (f) What is a pedicab?
- (1) two-wheeler (2) pedal-operated vehicle
(3) car (4) vehicle running on petrol
- (g) What does a pedometer do?
- (1) keep track of the engine (2) keep track of fuel
(3) keep track of harmful gas emissions (4) keep track of carbon emissions
- (h) How does India fare in solar energy development?
- (1) good (2) abysmal (3) fairly decent degree (4) excellent
- (i) What are the various ways of using solar energy?
- (1) household work only (2) power generation
(3) transportation (4) every sphere of life
- (j) What was solar power first used for?
- (1) cooking (2) heating food
(3) keeping houses warm (4) preserving food
- (k) When was the US forced to reexamine its energy policy?
- (1) 1973 (2) 1953 (3) 1972 (4) 1872
- (l) How does the Sun help create electricity?
- (1) by creating flow of electrons (2) by releasing electrons from semiconductors
(3) both (1) and (2) (4) none of these

LITERATURE

(10 MARKS)

3. Read the extract given below and answer the questions that follow by choosing the correct option. (1 × 5 = 5)

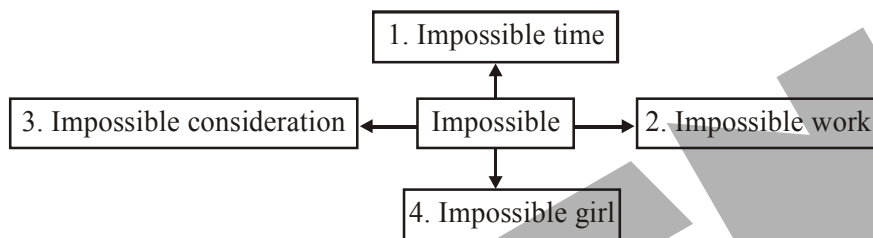
(A) "Another aeroplane? Up there in this storm? No other aeroplanes were flying tonight. Yours was the only one I could see on the radar". So who helped me to arrive there safely without a compass or a radio and without any more fuel in my tanks? Who was the pilot on the strange black aeroplane, flying in the storm, without lights?

- (a) 'I' in the above lines is
- (1) woman at the control centre (2) a man at the control centre
(3) the narrator (4) the narrator's friend
- (b) Choose the option that lists the set of statements that are NOT TRUE according to the given extract.
- The other aeroplane was called the black aeroplane.
 - The other aeroplane had the narrator's mentor
 - The other aeroplane was the narrator's inner conscience.
 - The other aeroplane helped the narrator through the storm clouds.
 - The other aeroplane was a ghost plane.
 - The narrator was aware of the mysterious nature of the other aeroplane.
- (1) 4 and 5 (2) 1, 3 and 6 (3) 3 and 6 (4) 2, 5 and 6
- (c) Pick the option that correctly classifies fact/s(F) and opinion/s (O) given below.
- (1) The narrator should learn flying from the pilot of the black aeroplane.
(2) The narrator wanted to meet the pilot of the other aeroplane.
(3) The narrator did not know anything about the other aeroplane.
(4) The narrator should not have needed help if he knew flying.
- 
- (1) F-1, 4 and O-2, 3 (2) F-2, 4 and O-1, 4 (3) F-2, 3 and O-1, 4 (4) F-1, 3 and O-2, 4
- (d) The word represents an instrument that tells directions.
- (1) radar (2) radio (3) compass (4) tanks
- (e) Why did the narrator desire to meet the pilot of the black aeroplane?
- To ask him what he was doing there.
 - To thank him.
 - To meet him and ask him to teach him flying.
 - To invite him to breakfast.

OR

- (B) "Natalya Stephenova is an excellent housekeeper, not bad looking, well-educated. What more do I want? But I'm getting noise in my ears from excitement. (Drinks) And it's impossible for me not to marry. In the first place, I'm already 35-a critical age so to speak. In the second place, I ought to lead a quiet and regular life".
- (a) Who is the speaker of the given lines?
- (1) Chubukov (2) Ivan (3) Ivan's brother (4) Chubukov's friend
- (b) When the speaker says, 'What more do I want?', he means that
- he wants to get married soon.
 - Natalya is a good match for him.
 - he and Natalya are both quarrelsome.
 - Natalya would add to his glory.

- (c) What does the given lines tell us about the speaker?
- (1) He was very handsome (2) He lived a very social life
(3) He wanted a beautiful wife (4) He lived a very quiet and regular life
- (d) The statement that is TRUE about the speaker, according to the passage is
- (1) He is an old man.
(2) He suffers from attacks of excitements.
(3) He wants to make Natalya his business partner.
(4) He wants to travel to the world.
- (e) The extract uses the phrase, 'And it's impossible for me'. Which of the following expressions is incorrect with respect to the word 'impossible'?



- (1) Option 1 (2) Option 2 (3) Option 3 (4) Option 4

4. Read the extract given below and answer the questions that follow by choosing the correct option. (1 × 5 = 5)

(A) I am an Orphan, roaming the street
I pattern soft dust with my hushed, bare feet.
The silence is golden, the freedom is sweet

- (a) In the above extract who wants to be an orphan?
- (1) Amanda (2) Amanda's mother
(3) Amanda's teacher (4) Amanda's grandmother
- (b) Why does she dream to be an orphan?
- (1) Because she thinks that orphans lead a care-free life.
(2) Because she thinks that no one pester them with instructions.
(3) Because she wanted to get away from her parents.
(4) Both (1) and (2)
- (c) Which of the given words DO NOT describe how the speaker is feeling in the given lines?
- (1) Stressful (2) Satisfied (3) Excited (4) Sad
- (d) The speakers desire to 'Pattern soft dust with my hushed, bare feet.' Reveal that
- (1) she wants to get dirty (2) she wants to live life on the streets
(3) she wants to be free to do as she wishes (4) she loves to draw
- (e) Which poetic device has been used in the above lines?
- (1) Paradox (2) Irony (3) Simile (4) Metaphor

OR

(B) Belinda paled, and she cried Help! Help!

But Mustard fled with a terrified yelp,
Ink trickled down to the bottom of the household,
And little mouse Blink strategically mouse holed.

(a) Why did Belinda become pale?

- (1) To see the bravery of Custard (2) To see the pirate
(3) Due to fear (4) Due to her illness

(b) The given lines indicate that Belinda and her pets

- (1) feared pirates (2) were cowards (3) were cunning (4) were stupid

(c) The word 'Terrified' DOES NOT have a meaning similar to

- (1) be scared (2) struck with horror (3) be alarmed (4) be cunning

(d) 'Strategically mouse-holed' conveys

- (1) a plan to pet a mouse (2) a plan to hide in a mouse hole
(3) a plan to make a hole for a mouse (4) none of these

(e) Which of the following words DO NOT indicate the emotions of Belinda and her pets?

- (1) Paled (2) Cried (3) Bottom (4) Jumped

GRAMMAR

(10 MARKS)

5. Complete the paragraph given below by choosing the correct option. (3 marks)

From the coffee houses to the sixteenth century to the modern-day cafes, coffee (a) _____ a significant impact on the lifestyles of people from all walks of life. Coffee (b) _____ an important role in many societies around the world today. It (c) _____ a long way to become the most popular beverage in the world today.

- (a) (1) has (2) having (3) had (4) did
(b) (1) playing (2) playing (3) play (4) plays
(c) (1) came (2) has come (3) is coming (4) will come

6. Choose the correct options to fill in the blanks to complete the narration. (3 marks)



Varun saw his old father talking to Sunil. He (a) _____ Sunil that his wife was angry at him. When Sunil asked him about the reason, he (b) _____ he has no idea. He further added that she (c) _____ she was angry and just gave him silent treatment. He also said that earlier it bothered him but now he found it funny like a mini vacation.

- (a) (1) hear him say (2) listened to him say (3) heard him telling (4) noticed him saying
 (b) (1) refused that (2) questioned that (3) ordered that (4) replied that
 (c) (1) never told him why (2) often tell him
 (3) seldom say that (4) never asked him

7. Fill in the blanks by choosing the correct option for any four of the six sentences given below. (4 marks)

- (a) This poem is generally supposed _____ in the fifteenth century, but some people date it even earlier.
 (1) being composed (2) to be composed
 (3) to have been composed (4) having been composed
- (b) _____ I was a child, I have been afraid of the dark.
 (1) The minute (2) As long as (3) Whenever (4) Ever since
- (c) _____ elder people's pulse rate is less than 2 beats per second
 (1) A few of (2) Most (3) The whole (4) Every
- (d) He _____ that the forests _____ to their natural inhabitants, that is, to all varieties of living things.
 (1) suggests, be returned (2) suggested, to be returned
 (3) has suggested, to have been returned (4) had suggested, are being returned
- (e) _____ these tools are cheap in price, they do stand the test of time.
 (1) Because (2) In order that (3) Although (4) As soon as
- (f) The place was spacious with _____ rooms for relaxation surrounded by restaurants.
 (1) no (2) a (3) the (4) lots of

PART - B

40 MARKS

WRITING

(10 MARKS)

8. Answer ANY ONE of the following in 100 to 120 words. (5 marks)

Social networking sites have become the latest fad among school-going children. The craze has a very bad impact on youngsters. Considering its gravity, you want to express your concern by writing a letter to the editor of Hindustan Times of about 100-120 words. You are Nitin/Nutan of H. No. 123/8, Sant Nagar, New Delhi - 110065.

OR

You are the manager of Fit & Fine Fitness Club, Gandhi Road, Ernakulam. Write a letter in 100-120 words to Messrs. Pioneer Sports Co., Kochi, placing an order for a minimum of 4 fitness equipments with details.

9.(A) Answer ANY ONE of the following in 100 to 120 words. (5 marks)

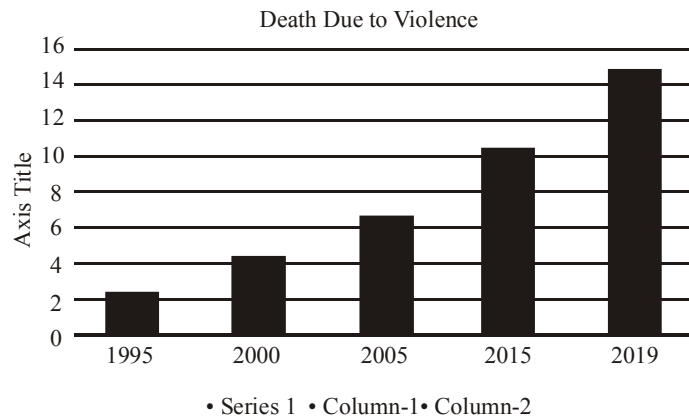
With the help of the given picture and verbal input, write an analytical paragraph in about 100-120 words on 'Rising Prices'.

	Feb '18	Feb '19	Feb '20	Mar '20
Mustard oil (₹/Litre)	46	59	69	85
Groundnut oil (₹/Litre)	65	101	121	121
Rice (₹/Kg)	20	25	28	30
Flour (₹/Kg)	18	25	28	35
Toor dal (₹/Kg)	45	56	69	75

Prices as per wholesale

OR

- (B) The given histogram shows the alarming increase in the cases of death due to violence in the recent years. Write an analytical paragraph in 100-120 words on the role of education and youth in establishing peace in society.



LITERATURE

(30 MARKS)

10. Answer ANY TWO questions in 20-30 words each from (A) and (B) respectively. (2 × 4 = 8)

- (A) (a) What was the effect of the storm on Lencho's farm?
 (b) What is Mandela's opinion regarding the oppressor and the oppressed?
 (c) What is the underlying message for us in our busy life with reference to the poem 'Dust of Snow'?
- (B) (a) What had Hari Singh learned in his life as a thief?
 (b) Why did Bholi feel frightened to go to school?
 (c) How did Ebright's mother support him?

11. Answer ANY TWO questions in 40-50 words each from (A) and (B) respectively. (3 × 4 = 12)

- (A) (a) According to the poet, what do 'fire and ice' represent? Do you agree with him?
 (b) What tells you that Anne loved her grandmother?
 (c) Describe the magnificent views of the tea estate with reference to the lesson, 'Tea from Assam'. (Glimpses of India)
- (B) (a) How did Matilda come to know about the reality of the diamond necklace?
 (b) What other interests, besides science, did Richard Ebright pursue? What opinion did Mr. Weiherer, his social studies teacher, have about Ebright?
 (c) Why did Bholi not want to go to school?

12. Answer any one of the following questions in 100-120 words. (5 marks)

Maddie in the story 'The Hundred Dresses', always felt guilty because she stayed silent when Peggy teased Wanda. She did not have the courage to stand up for what was wrong. What are your views about Maddie?

OR

What are the legends associated with the discovery of tea?

13. Answer any one of the following questions in 100-120 words. (5 marks)

"She suffered incessantly, feeling herself born for all delicacies and luxuries. She suffered from the poverty of her apartment, the shabby walls and the worn chairs. All these things tortured and angered her. It was Mme Loisel's disposition invites her doom. Comment.

OR

"Money can't make a man as much as education can" Elaborate the line with reference to 'The thief's story'.