

23/Sept./2017

SET - B

**FIRST TERM EXAMINATION
ENGLISH COMMUNICATIVE**

Class - X

Time: 3hours

Maximum Marks: 80

Instructions :

The question paper is divided into **three sections.**

Section A	:	Reading	20 marks
Section B	:	Writing and Grammar	30 marks
Section C	:	Literature	30 marks

SECTION A : READING (Reading : 20 Marks)

1	<p>Read the passage given below : POPPING OPEN THE SECRETS OF A FUN FOOD</p> <ol style="list-style-type: none">To most people, it may be just a fun food to munch while watching a movie. But to a couple of French investigators, popcorn was a biomechanical enigma waiting to be explained.In an unusual study, Emmanuel Viot and Alexandre Ponomarenko carried out experiments into what makes popcorn, well, pop. Cameras recording at 2,9000 frames a second helped show what happened when a kernel of corn strutted its stuff.When the temperature reached 100 degrees Celsius, some of the moisture inside the corn started to turn into steam, the researchers found. As the temperature rose to around 180 degrees, pressure built to around 10bar, or 10 times the atmospheric pressure at sea level. Unable to withstand the stress, the outer shell broke open, causing a dramatic drop in pressure that forced the kernel's starchy innards to expand and protrude."We found that the critical temperature is about `80 degrees, regardless of the size or shape of the grain," said Mr. Viot, an aeronautical engineer at the elite Ecole Polytechnique.The first thing to emerge from the fractured shell is a limb-shaped structure a 'leg' that comes into contact with the surface of the pan and starts to compress under the heat. Tensed the then released, the 'leg' causes the corn to leap up to a height ranging from a few millimeters to centimeters and emit a 'pop' from the sudden release of water vapour. A few milliseconds later, the granules spewing from inside expand to form a spongy flake.Evolution from fracture to flake takes less than 90 milliseconds (0.09 of a second).The popcorn's leap results from an intriguing combination of thermodynamics and fracture mechanics, rather than just the blast of pent-up gases."A piece of popcorn has a singular way of jumping, midway between explosive plants such as impatiens and muscle-based animals such as human beings," the researchers said. <p>On the basis of your reading of the passage, answer the following questions briefly: (1x8)</p> <ol style="list-style-type: none">What role do you think the camera played in the discovery of the process of popping up of corn grains?When does the corn moisture turn into steam?What is the effect of extreme pressure on the corn?What is a 'leg' in a grain of 'popcorn'? What is its function?	8
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	<p>(e) What is responsible for the 'pop' sound of the popcorns?</p> <p>(f) How is the spongy flake of the popcorn formed?</p> <p>(g) What is responsible for the 'leap' or 'jump' of the popcorn, according to the study?</p> <p>(h) Which phrase in the passage means the same as 'pop'?</p>					
2	<p>Read the passage given below and answer the questions that follow: (2x4)+(1x4)=12</p> <ol style="list-style-type: none"> Perseverance means to continue steadfastly, especially in something that is difficult or tedious. It requires regular practice to develop the quality of perseverance. Only a patient person with strong determination can achieve his goal by perseverance. When a child learns to stand up and tries to walk, he is found to fall down again and again. And by nature and instinct, he gets up, and again tries to step forward, although again he falls down. But ultimately, he succeeds in walking. Similarly, in spite of his repeated failures, a man having perseverance does not admit his defeat. He tries again and again, and finally attains success. A persevering person is one who has tremendous self-confidence, indomitable determination, and a natural urge towards hard labour, and untiring energy to continue till the last, without grumbling or expressing dissatisfaction. Perseverance is the secret of success. Without it, no great achievement is possible. Even if person is not very talented, nor highly knowledgeable, but of an average merit, still he can succeed in life simply by his perseverance. Hard labour has no alternative. It must yield results. A person who is highly intelligent, and a scholarly genius, but is lethargic by nature can hardly prosper in life, because he does not know how to use his brain and labour in the right direction. In this world, all the great things have been made or constructed only by perseverance. In human life, perseverance plays a very important role. Modern science, architecture, literature, music, every sphere of life reaches success and glory with perseverance. Shakespeare did not compose such voluminous works just in a day. He had to work hard during days and nights with tremendous perseverance to create such great masterpieces. The modern scientists, too, carry on their experiments day and night for years together in order to attain success. If one looks at his own life, he can very well understand that whatever he has so far gained, he has gained it only by his hard labour, and not by chance or magic, or by someone's grace. Therefore, perseverance must be practiced from the very childhood so that the noble habit becomes a part and parcel of one's life. With that great asset or goodwill, a man can walk easily on the hazardous road of his life's journey; and success will be his and his only. <p>I) On the basis of your reading of the passage, answer the following questions briefly: (4×2=8)</p> <ol style="list-style-type: none"> Who is a perseverant person? Why is there no alternative for hard labour? What point does the author want to make with the examples of a child who is learning to walk, and Shakespeare? Why should we practice perseverance right from the very childhood? <p>II) Choose the most appropriate option in each of the following:</p> <ol style="list-style-type: none"> The word 'steadfastly' (paragraph 1) means the same as <table border="0" style="margin-left: 20px;"> <tr> <td>(i) casually</td> <td>(ii) carefully</td> </tr> <tr> <td>(iii) slowly</td> <td>(iv) devotedly</td> </tr> </table> 	(i) casually	(ii) carefully	(iii) slowly	(iv) devotedly	12
(i) casually	(ii) carefully					
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	<p>(2) Which of the following word can replace 'tremendous' (paragraph 3) without changing the meaning?</p> <p>(i) positive (ii) terrible (iii) poor (iv) immense</p> <p>(3) The word 'indomitable' (paragraph 3) means the same as</p> <p>(i) unbeatable (ii) hidden (iii) low (iv) weak</p> <p>(4) Which of the following words means the opposite of the word 'voluminous' (para 6)?</p> <p>(i) huge (ii) scholarly (iii) small (iv) dramatic</p>																																					
SECTION B : WRITING AND GRAMMAR (30 Marks)																																						
3	The insanitary conditions in your colony are causing multiple diseases. Write a letter to the Municipal Commissioner, Shahadara bringing the problem to his notice and request him to take urgent action in the matter. You are Deepak/Deepa of C/28, Ankur Enclave, New Delhi.	8																																				
4	Complete the following story in about 150-200 words: Lala, the grocer, was very greedy. He would mix stones in pulses and coloured sand in spices and sell them to the poor villagers. The villagers complained to him but he turned a deaf ear as his was the only grocery store in the village	10																																				
5	Fill in the blanks with appropriate words: The Delhi Police caught (a) gang of robbers who had robbed a bank (b) Rs. 20 crores. The arrested were identified as brothers (c) were from Punjab (d) had committed many robberies there.	4																																				
6	There is a word missing in each line. Write the missing word along with the one that comes before and the one that comes after it.	4																																				
		<table border="0"> <thead> <tr> <th></th> <th style="text-align: center;">Before</th> <th style="text-align: center;">Word</th> <th style="text-align: center;">After</th> </tr> </thead> <tbody> <tr> <td>(a) There been a 70% increase in</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>(b) GRE tests being taken Indian students</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>(c) according to Educational Testing Service</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>(d) which administers GRE examination.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>(e) The results a direct indication</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>(f) that despite weak currency, the number</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>(g) students in India are looking at</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>(h) foreign universities further education.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>		Before	Word	After	(a) There been a 70% increase in	_____	_____	_____	(b) GRE tests being taken Indian students	_____	_____	_____	(c) according to Educational Testing Service	_____	_____	_____	(d) which administers GRE examination.	_____	_____	_____	(e) The results a direct indication	_____	_____	_____	(f) that despite weak currency, the number	_____	_____	_____	(g) students in India are looking at	_____	_____	_____	(h) foreign universities further education.	_____	_____	_____
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7	Rearrange the following words/phrases to make meaningful sentences.	4																																				
	<p>(a) relieves and amuses/soul/laughter/the depressed</p> <p>(b) an antidote/and pain/it is/ to stress</p> <p>(c) for tonning/a good exercise/up/it is /facial muscles</p> <p>(d) are stabilized/is improved/body functions/and blood circulation</p>																																					

SECTION C : LITERATURE (30 Marks)

Read one of the extracts given below and answer the questions that follow:-

8	<p><i>Every day the frog who'd sold her songs for silver tried to scold her: you must practice even longer till your voice, like mine grows stronger.</i></p> <p>(a) Whose songs are referred to here? (b) How did the frog sell 'her' songs for silver? (c) Why did the frog scold 'her'? (d) What did the frog tell 'her' to do?</p>	4
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OR

"Won't you go in?" the nurse murmured. "Lucia will be pleased to see you?"

- (a) Who is 'you' in the above lines?
(b) Who is Lucia? Where is she at this moment?
(c) What has happened to Lucia?
(d) Does the person addressed as 'you' go inside Lucia's room? Why/Why not?

9	Answer the following questions in about 30-40 words each.	(8)
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a	Why was Mrs. Packletide compelled to buy Miss Mebbin the cottage?	2
b	What is the woman's reaction to her own disappointment in the poem 'Mirror'?	2
c	What strange wish did Ali make in his last meeting with the clerk? Was it fulfilled?	2
d	How does the spat between his daughters lead to grandfather discovering the truth?	2

10	Answer one of the following questions in about 80-100 words:	
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'It was more of nightingale's gullibility than the frog's scheming that led to her downfall and death'. As frog write a letter to your friend commenting on the above statement. **8**

OR

Both the boys at Verona were full of grit, determination and hope. At a young age they exhibited qualities that are difficult to come by even in adults. This story teaches us not to lose hope and courage even in adverse situations. Elaborate.

11	Answer one of the following questions in about 150-200 words:	
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Describe the character sketch of Anne Mansfield Sullivan highlighting her monumental efforts and patience to teach a deaf and dumb girl to speak and write. **10**

OR

How was the journey to Boston different from Helen's earlier visit to Baltimore in 1886?

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