

(9)

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Marks

SECTION B — (40 Marks)

Question No.7 is compulsory.

Answer any **THREE** questions from the remaining **FOUR** questions.

7. (a) Read the passage given below and answer the questions that follows:

Electricity is the life force of modern world. The use of electricity in daily life at all levels is far too elaborate to be measured. The electric power has transformed human life into an amazing experience of convenience, luxury, comfort and ease. A push by a finger to a button brings the light on and the same act sets hundreds of thousands of gadgets in action. This giant dinosaur has become slave of a human finger which now controls the electric power. It simply is a miracle, very real and more bountiful than any other thing available on the planet. The electricity has revolutionized our houses, drawing rooms and kitchen with useful equipment.

The array of entertainment aids powered by electricity has created a fancy world around us. The coming into the existence of a power like electricity that obeyed the command of the human finger's touch inspired the inventions and innovations of a mind boggling range of electric equipment. In fact, all the manmade machines or gadgets wholly or partly run on electricity.

It created wonders of entertainment like cinema, radio, television, other audio-video systems. The electricity has enabled the man go to space, land on moon and harness natural powers and resources. The mining, construction, irrigation, transport, printing and other industrial activities are dependent

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on electric power. Even the computers won't work any wonders without the electricity. The electricity has penetrated in our lives to such an extent that if it is cut off for some time, the life comes to a standstill. Today, the progress of a society or a nation or economy is so dependent on electric power that all the power generating resources and options are being exploited or explored so that we have unrestrained supply of electric power. Oil, coal, water, air, sun light, tidal waves and atomic phenomena are being used for power generation. The research on hydrogen as fuel and controlled fusion process are going on at feverish pitch.

The oil and coal are non-renewable resources. Hydel power has limitations as no new rivers can be created. Solar energy is yet costly to harness. The wind energy too has limitations. The tidal wave processes are yet at an experimental stage. And so are hydrogen and fusion ideas. Conventional atomic energy clearly is the best pollution free option but it entails the tricky problem of atomic waste disposal.

Questions:

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|--|---|
| (i) What has created a fancy world around us? | 1 |
| (ii) What part of the human body controls the power of electricity? | 1 |
| (iii) What happens when the electricity is cut off in the modern day city? | 1 |
| (iv) Why hydel power has limitations? | 1 |
| (v) Write one merit and demerit of nuclear power generation. | 1 |

(b) Read the Passage :

Cholesterol is a wax like substance that is present in our body. It's an important component of our cell walls and other tissues, but it is considered to be harmful if in excess. It can lead to blockages caused by plaque formation in the heart's arteries causing heart disease and heart attacks. Such blockages can also happen in arteries, in the legs or in the brain. Cholesterol is produced in the liver, and the amount produced is influenced by our genes and many other factors. The food consumed by us has also an effect on cholesterol levels. Fatty foods, especially those high in saturated fats and foods high in simple sugars such as cold drinks increase cholesterol levels. Lack of physical activity and exercise also leads to elevated levels of cholesterol.

Cholesterol levels can be reduced by following a heart-healthy lifestyle, which includes regular physical activity for at least 30 minutes daily and a diet high in fruits and vegetables and low in saturated sugar. Statins are a group of drugs most recommended for those with high cholesterol. Red yeast rice has been shown to be effective in lowering cholesterol. Garlic and flaxseed can be included in the daily diet. Olive oil, Canola oil or other oils rich in monounsaturated fatty acids can be used for cooking in order to reduce cholesterol through food.

The ill-effects of high cholesterol take time to show up, and one may not realise it until it's a bit too late. Cholesterol, by itself is important because it insulates nerve cells and membranes. Being a fatty substance, it does not dissolve in the blood and is packaged into protein. There are 'good' HDL cholesterol and 'bad' LDL cholesterol. Bad cholesterol can stick to the smooth lining of the blood vessels, where it is absorbed, while HDL mops up excess bad cholesterol and removes it from blood vessels. Even moderate physical activity on a regular basis can help increase HDL cholesterol.

Exercise five days a week, whether you are overweight or underweight. Aerobic exercises like walking, cycling, swimming, slow jogging, dancing etc. for 45 minutes, three times a week and anaerobic exercises like weight training, and sprinting for another three days will help increase good and reduce bad cholesterol. In order to maximize your cardiovascular fitness, aerobic exercises should raise your heart to a certain level. This level is called heart zone. One should keep the heart rate elevated for at least 20 minutes. Always warm-up, stretch, and relax before and after any workout to avoid injuries. All these contribute to a healthier and fitter life.

- (i) Make notes, using headings, sub-headings and abbreviation wherever necessary giving a suitable title. 3
- (ii) Write a summary. 2

8. (a) "A well dressed and groomed person is presumed to be organised and methodical, whereas a sloppy or shabby person fails to make a favourable impression". Discuss. 2

(b) (i) Choose the word which best expresses the meaning of the given word: 1

GERMANE

(1) Responsible

(2) Logical

(3) Possible

(4) Relevant

(ii) Select a suitable antonym for the word given under : 1

FIDELITY

(1) Commitment

(2) Inconstancy

(3) Ambitious

(4) Devotion

(iii) Change the following sentences to indirect speech: 1

'Why don't you go away for a few days?' Jenifer said to me.

- (c) Write a précis and give an appropriate title to the passage given below :

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We are bombarded by noise and sound in all our waking hours. We 'hear' conversations, news, gossips and many other forms of speech all the time. However, most of it is not listened to carefully and therefore, not understood, partially understood or misunderstood. A good listener does not only listen to the spoken words, but observes carefully the nonverbal cues to understand the complete message. He/she absorbs the given information's, processes it, understands its context and meaning and to form an accurate, reasoned, intelligent response.

Listening starts with hearing but goes beyond. Hearing, in other words is necessary but is not a sufficient condition for listening. Listening involves hearing with attention. Listening is a process that calls for concentration. While, listening, one should also be observant. In other words, listening has to do with the ears, as well as with the eyes and the mind. Listening is to be understood as the total process that involves hearing with attention, being observant and making interpretations. Good communication is essentially an interactive process. It calls for participation and involvement. It is quite often a dialogue rather than a monologue. It is necessary to be interested and also show or make it abundantly clear that one is interested in knowing what the other person has to say.

Good listening is an art that can be cultivated. It relates to skills that can be developed. A good listener knows the art of getting much more than what the speaker is trying to convey. He knows how to prompt, persuade but not to cut off or interrupt what the other person has to say. At times the speaker may or may not be coherent, articulate and well organised in his thoughts and expressions. He may have it in his mind and yet he may fail to marshal the right words while communicating his thought.

The listener has to be objective, practical and in control of his emotions. Often the understanding of a listener is coloured by his own emotions, judgments, opinions, and reactions to what is being said.

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9. (a) (i) Define chain network in communication. 2
- OR**
- (ii) How 'Technology barrier' affects communication?
- (b) (i) Choose the word which best expresses the meaning of the given word: 1
Sluggard
(1) Cheat
(2) Lazy
(3) Old
(4) Talkative
- (ii) Choose the word which best expresses the meaning of the given word: 1
Turbulence
(1) Stillness
(2) Repose
(3) Agitation
(4) Calmness
- (iii) Change the following sentence to indirect speech: 1
Mother said to her daughter, "May God grant you success in your examination".
- (c) You are a purchase manager of Global Traders Pvt Ltd. You had ordered 100 units special kind of Bolts from a company SN Nut Bolts Pvt. Ltd in Mumbai. While checking, the consignment was found to be very poor in quality. Write a complaint letter to the Sales Manager to replace the order. 5
10. (a) "Human behaviour is not under the sole control of emotion or deliberation but results from the interaction of these two processes". Explain. 2
- (b) (i) Change the sentence from Active to Passive Voice. 1
I ran the obstacle course in record time.
- (ii) Change the sentence from Passive to Active Voice. 1
Money was generously donated to the homeless shelter by Larry.
- (iii) Change the following sentence into indirect speech. 1
The students said to their teacher, 'please allow us to watch the cricket match.'
- (c) Corruption has become the order of the day. It has entered all walks of life. Write an article for your school magazine in 250 words on 'The Role of Youth in combating corruption'. 5

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11. (a) "Understanding cultural aspects of communication is absolutely necessary otherwise it will become a barrier to communication". Discuss. 2
- (b) Select the correct meaning of Idioms/ Phrases given below:
- (i) In the pink of health 1
- (1) Prolonged suffering
- (2) Emergency situation
- (3) Challenging situation
- (4) Best of health
- (ii) Out of the blue 1
- (1) Quietly
- (2) Unexpectedly
- (3) Angrily
- (4) Revengefully
- (iii) Change the sentence into passive voice. 1
- The builder is building the flat.
- (iv) Choose the word which best expresses the meaning of the given word. 1
- Precedence
- (1) Priority
- (2) Uprise
- (3) Present
- (4) Insignificance
- (c) There is an urgent job opportunity in an established chartered accountancy firm for the job of qualified / competent Chartered Accountant. Prepare a detailed resume for a candidate applying for the post. 4