

B-0-X

Roll No.

Total No. of Questions : 11]

[Total No. of Printed Pages : 15

XIIARJKUT23

9100-X

ENGLISH

Time : 3 Hours]

[Maximum Marks : 80

SECTION-A

(READING COMPREHENSION)

1. Read the following passage. Make notes and write a summary with a suitable title :

Vitamin D increases the efficiency of the intestine to absorb calcium and phosphorus from food in order to mineralize the bones in the body. It also increases the activity of bone cells that make and lay

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down bone matrix. The bone matrix is like the frame of a building.

If the body has adequate amounts of calcium and phosphorus, they are incorporated into the bone matrix and the result is a strong, healthy skeleton. Our skin can make Vitamin D when it is exposed to sunlight. However, most people living in North America do not get enough sunlight in the winter to make adequate amounts of the vitamin.

Young children who do not get enough calcium and Vitamin D are unable to properly mineralise the bone matrix. Consequently, when gravity pushes on the skeleton, it causes the typical bowing of the legs seen in a child with the disease called rickets.

In adults, a deficiency in both Calcium and Vitamin D will increase the risk of bone fracture. Vitamin D is necessary to increase the body's ability to absorb calcium. If the body does not have enough Vitamin D, it can absorb only 10 to 15% (per cent) of the calcium it receives. If the bloodstream does not have enough calcium, it will draw out of the bones, which causes osteoporosis.

Vitamin D is a fat-soluble vitamin that primarily aids calcium absorption for promoting mineralization of bones. It is also involved in various functions of your immune, digestive, circulatory and nervous systems. Researches say that it help prevent a variety of diseases, such as depression, diabetes, cancer and heart disease.

There are various ways of improving Vitamin D level in body. Spending time in sunlight as Vitamin D is often referred as "the Sunshine Vitamin". In fact the UV-B radiations from the sun in contact with your skin produce Vitamin D. Consuming sea food and fatty fish as they are the richest natural food source of this vitamin. Eating lots of mushrooms as due to exposure to sunlight wild mushrooms usually have plenty of Vitamin D. Including Egg yolks in diet. Eating fortified foods such as cow's milk, soya milk, almond and hemp milk. Taking orange juice and ready to eat cereals and certain types of yogurt. For many people it may be easy and comfortable to use Vitamin D supplements needed if they don't obtain much of it from food or sunlight. These supplements are readily available in the market and can be taken as per doctor's advice. 5+5=

2. Read the passage carefully and answer the questions that follow :

Everyone in a particular society recognizes social roles : father,
mother, child, teacher, student, police officer, store clerk, doctor,
judge, political leader and so on. Every culture expects certain types
of behaviour from people who play certain social roles. Anyone
occupying a given position is expected to adopt a specific attitude.
A store clerk is expected to take care of customers patiently and
politely and a judge is expected to make wise and fair decisions
above laws.

Informal social roles are not always easy to recognize, but can be
identified with careful research. They are key indicators of a group's
health and happiness. Within the family, one informal role is the

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family hero, the person who defines integrity and upholds family morality. Others are the family arbitrator, the person who keeps the peace, and the family historian, often a grandparent, who relays valuable cultural information that maintains both the family and the larger society. And finally, there is the family friend, the person who provides comfort and companionship to the family members with emotional needs.

Similarly, the role of political leaders in a society is also very vital and valuable in itself. In fact, any political activity socializes and educates citizens for finding and creating opportunities, respect and justice for themselves.) In fact, citizens do not rule themselves unless

they indirectly decide laws and policies through their elected representatives) So it becomes the prime duty of these representatives to make the public opinion and interest and requirements known to the Government to be heard, redressed and implemented for their relief and comforts hence if the political voice is honest and public friendly, it becomes an asset to the society and helps it grow and prosper to the great heights. <https://www.jkboseonline.com>

Questions :

- (i) When does a political leader becomes an asset to the society ?
- (ii) Which informal social rule supports the family by preserving the family's culture ?

(iii) Why does the author mention a store clerk and a judge in paragraph 1 ?

(iv) Give an antonym of 'Patience'.

(v) What is a grandparent referred to as in the paragraph ?

(vi) Give the noun form of 'comfortable'.

(vii) Fill up the blank space to complete the sentence :

They are key indicators of a group's ~~cohesion~~ and ~~cohesiveness~~.

(viii) Integrity means :

(A) Impaired

☒ (B) The quality or state of being complete or undivided

(ix) Give an appropriate title of the passage.

(x) Use the word 'vital' in your own sentence.

1×10=10

SECTION-B

(WRITING SKILLS AND GRAMMAR)

3. You are an Entrepreneur. You have a factory for making apple juice.

Draft a classified advertisement (not exceeding 50 words) for the post of a sales manager for Srinagar district.

Or

You are a coordinator of cultural programme in your school. For competing well in Kala Utsav, you need some musical instruments of good quality. Write a letter to your Principal to facilitate release funds for the purchase.

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4. Write a letter to the Chief Librarian of a reputed university and seek her help for making a virtual library in your school so that students can access all books easily (120-150 words).

Or

Write a letter to the Director of School education requesting him to send teachers in your school for children with special needs so as to make your school inclusive and exemplary for the underprivileged students.

6

5. **You** have done Master Diploma in Culinary arts. Write your job application and resume to the manager of a five star hotel in Srinagar who has advertised a post of senior chef in the hotel.

(120–150 words)

Or

You see a classified advertisement in the newspaper inviting applications for the post of vocational trainer in Higher Secondary School. Write your job application and resume to the Principal, applying for the advertised post (120–150 words).

6. Children at very young age are admitted in creches because of busy working parents. Write an article on the bad effects of this trend (200-250 words).

Or

Rat race competition in the fast changing world has relegated values to the background write a speech on the "importance of common brotherhood and kindness that is fast declining in our society."

(200-250 words) 6

7. Edit the following passage :

This at first seem~~s~~a great misfortune, for i know a one legged man could not do~~s~~ very well as a wood chopper. So i went to a tinsmith and ha~~s~~ him makes me a new leg out of tin my body shine so bright in the sun that I feel very proud of its and it did not matter now if my axe slips.

8

SECTION-C

(LITERATURE)

8. Read the extracts given below and answer the questions that follow :

(a) My Mother at sixty-six

Driving from my parent's
home to Cochin last Friday
morning, I saw my mother
beside me,
doze, open mouthed, her face
ashen like that
of a corpse and realized with pain
that she was as old as she looked.

Questions :

(i) Why is the mother of the author open mouthed ?

(ii) What does doze mean ?

(iii) Why has been the author's mother likened to a corpse ?

(iv) What feeling do you get after you read these lines ?

(b) I started for school very late that morning and was in great dread of a scolding especially because M. Hamel had said that he would question us on participles, and I did not know the first word about them. For a moment I thought of running away and spending the day out of doors. It was so warm, so bright !

Questions :

(i) Why was the author scared to go to school that morning ?

(ii) Who was M. Hamel ?

(iii) Name the writer of this chapter. ?

(iv) What was the teacher going to ask his students ? 4+4=8

9. Answer any *five* of the following questions in 30–40 words each :

(i) The writer suddenly realises how precious their language is to them. What shows you this ?

(ii) How can child labour be eliminated ?

(iii) Modern world being insecure and stressful, do you think the third level was a medium of escape for Charley ? Why ?

(iv) Do you think Derry will go back to his seclusion or change ?

Discuss.

(v) “All we have to fear is fear itself.” Do you agree with this statement ? Why ?

(vi) Did the peddler expect the kind hospitality that he received from the crafter. Discuss.

(vii) Do you think “My Mother at Sixty-six” is a poem where each one of us is made aware of the fear of losing our elders/mother some day ? How ?

5×2=

10. Answer the following question in 120-150 words :

—The title 'Lost Spring' conveys a deeper meaning ? Discuss.

Or

How is mother tongue important to a person ? Comment on its significance.

6

11. Answer the following question in 150-180 words :

If you want to know more about the planet's past, present and future, the Antarctica is the place to go to ? Why ?

Or

While hatred against a member of the enemy race is justifiable particularly during wartime, yet the doctor's final solution to the problem was the best possible one in the circumstances he was in. Discuss.

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B-0-Y

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XIIARJKUT23

9100-Y

ENGLISH

Time : 3 Hours]

[Maximum Marks : 80

SECTION-A

(READING COMPREHENSION)

1. Read the following passage. Make notes and write a summary with a suitable title :

The many parts of the earth's atmosphere are linked with the various parts of the earth's surface to produce a whole the climate system.

Different parts of the earth's surface react to the energy of the sun

in different ways. For example, ice and snow reflect much of it. Land surfaces absorb solar energy and heat up rapidly. Oceans store the energy without experiencing a significant temperature rise. Thus, the different types of surfaces transfer heat into the atmosphere at different rates.

We can view climate as existing in three domains : space, time and human perception. In the domain of space, we can study local, regional and global climates. In time, we can look at the climate for a year, a decade, a millennium, and so forth. Finally, we depend on

our perceptions of the data. So we must include our own human perception into our model. Human perception ranges from our personal observations to our public predictions about climate. Human perception must be included if our understanding of climatic processes is to be translated into societal actions. As a society, we make informed choices about how to use the beneficial effects of climate, such as deciding when and where to plant crops. We also make choices about how to minimize the harmful effects of climate—storms, blizzards and draughts. These climate observations also provide the

basis for applications such as weather forecasting, air pollution modelling and environmental impact assessments. Climate data are fundamental to the operation and validation of climate models, which are used for generating projections of future climate. This climate information can successfully be used in wind energy sector to determine the most profitable locations for wind energy, using precipitation and temperature data to assess the impact of climate change on crop yields, and for building in enough a drainage capacity for road traffic or for imparting vital information to tourist etc.

5+5=10

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2. Read the passage carefully and answer the questions that follow :

One's style of dress reveals the human obsession with both novelty and tradition. People use clothing to declare their membership in a particular social group; however, the rules for what is acceptable dress for that group may change. In affluent societies, this changing of the rules is the driving force behind fashions. By keeping up with fashions, that is by changing their clothing style frequently but simultaneously members of a group both satisfy their desire for novelty and obey the rules, thus demonstrating their membership in the group.

There are some interesting variations regarding individual status.

Some people, particularly in the west, consider themselves of such

high status that they do not need to display it with their clothing. For

example, many wealthy people in the entertainment industry appear

in very casual clothes, such as the worn jeans and work boots of a

manual labourer. However it is likely that a subtle but important

signal, such as an expensive wrist watch, will prevail over the

message of the casual dress. Such an inverted status display is most

likely to occur where the person's high status is conveyed in ways

other than with clothing, such as having a famous face.

Questions :

- (i) According to the author, fashions serve all of the following purposes except. (Pick out that one) :
- (A) Satisfying an interest in novelty
 - (B) Signalling a change in personal beliefs
 - (C) Displaying membership in a social group
 - (D) Following traditional rules
- (ii) Why does the author mention a wristwatch in paragraph 2 ?
- (iii) Does the author explain how high status may involve an inverted status display.
- (A) Yes
 - (B) No

(v) What is the synonym for 'Obsession' ?

(v) Use in word 'simultaneously' in your own sentence :

(vi) Affluent means :

(A) Wealthy

(B) Penurious

(vii) Write an appropriate title for the passage.

(viii) Many wealthy people in the entertainment industry appear in :

(A) Casual clothes

(B) Branded outfits

(ix) What message did you take from the passage ?

(x) Noun form of 'wealthy' is

1×10=10

SECTION-B

(WRITING SKILLS AND GRAMMAR)

3. You are incharge teacher of mid-day meal in your school. Write a letter to the spice seller 'Nawal' to supply quality spices to the school kitchen.

Or

- You are Principal of Higher Secondary School. You have to make guidance and counselling cell in your school. Draft a classified advertisement (not exceeding 50 words) for the post of a Psychologist. 4
4. Write a letter to the Chief Librarian of a reputed university and seek her help for making a virtual library in your school so that students can access all books easily (120–150 words).

(10)

Or

Write a letter to the Director of School education requesting him to send teachers in your school for children with special needs so as to make your school inclusive and exemplary for the underprivileged students.

6

5. You have done Master Diploma in Culinary arts. Write your job application and resume to the manager of a five star hotel in Srinagar who has advertised a post of senior chef in the hotel.

(120–150 words)

Or

You see a classified advertisement in the newspaper inviting applications for the post of vocational trainer in Higher Secondary School. Write your job application and resume to the Principal, applying for the advertised post (120–150 words).

6

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B—O—Y

6. Children at very young age are admitted in creches because of busy working parents. Write an article on the bad effects of this trend (200–250 words).

Or

Rat race competition in the fast changing world has relegated values to the background write a speech on the “importance of common brotherhood and kindness that is fast declining in our society.”

(200–250 words) 6

7. Edit the following passage :

This at first seem a great misfortune, for i know a one legged man could not does very well as a wood chopper. So i went to a tinsmith and has him makes me a new leg out of tin my body shine so bright in the sun that I feel very proud of its and it did not matter now if my axe slips.

8

SECTION-C

(LITERATURE)

8. Read the extracts given below and answer the questions that follow :

(a) My Mother at sixty-six

Driving from my parent's
home to Cochin last Friday
morning, I saw my mother
beside me,
doze, open mouthed, her face
ashen like that
of a corpse and realized with pain
that she was as old as she looked.

Questions :

(i) Why is the mother of the author open mouthed ?

(ii) What does doze mean ?

(iii) Why has been the author's mother likened to a corpse ?

(iv) What feeling do you get after you read these lines ?

(b) I started for school very late that morning and was in great dread of a scolding especially because M. Hamel had said that he would question us on participles, and I did not know the first word about them. For a moment I thought of running away and spending the day out of doors. It was so warm, so bright !

Questions :

(i) Why was the author scared to go to school that morning ?

(ii) Who was M. Hamel ?

(iii) Name the writer of this chapter.

(iv) What was the teacher going to ask his students ? 4+4=8

9. Answer any *five* of the following questions in **30–40** words each :

- (i) The writer suddenly realises how precious their language is to them. What shows you this ?
- (ii) How can child labour be eliminated ?
- (iii) Modern world being insecure and stressful, do you think the third level was a medium of escape for Charley ? Why ?
- (iv) Do you think Derry will go back to his seclusion or change ? Discuss.
- (v) “All we have to fear is fear itself.” Do you agree with this statement ? Why ?
- (vi) Did the peddler expect the kind hospitality that he received from the crafter. Discuss.
- (vii) Do you think “My Mother at Sixty-six” is a poem where each one of us is made aware of the fear of losing our elders/mother some day ? How ?

5×2=10

Answer the following question in 120-150 words :

The title 'Lost Spring' conveys a deeper meaning ? Discuss.

Or

How is mother tongue important to a person ? Comment on its significance.

6

. Answer the following question in 150-180 words :

If you want to know more about the planet's past, present and future, the Antarctica is the place to go to ? Why ?

Or

While hatred against a member of the enemy race is justifiable particularly during wartime, yet the doctor's final solution to the problem was the best possible one in the circumstances he was in.

Discuss.

6

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XIIARJKUT23

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ENGLISH

Time : 3 Hours]

[Maximum Marks : 80

SECTION-A

(READING COMPREHENSION)

1. Read the following passage. Make notes and write a summary with

a suitable title :

The discovery of freezing has changed our eating habits more than

any other related invention. Because many foods contain large

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amounts of water, they freeze solidly at or just below 32 degrees Fahrenheit. When we lower the temperature to well below the freezing point and prevent air from penetrating the food, we retard the natural process of decay that causes food to spoil. Freezing preserves the flavour and nutrients of food better than any other preservation method. When properly prepared and packed, food and vegetables can be stored in the freezer for one year ?

Most vegetables and some fruits need blanching before they are frozen, and to avoid this step would be an expensive mistake. The result would be a product largely devoid of vitamins and minerals.

Proper blanching curtails the enzyme action, which vegetables require during their growth and ripening but which continues after maturation and will lead to decay unless it is almost entirely stopped by blanching. This process is done in two ways, either by plunging vegetables in a large amount of rapidly boiling water for a few minutes or by steaming them. For steam blanching, it is important that timing begins when the water at the bottom of the pot is boiling. Different vegetables require different blanching times, and specified times for each vegetable must be observed. Underblanching is like no blanching at all, and overblanching, while stopping the enzyme action, will produce soggy, discolored vegetables. 5+5=10

2. Read the passage carefully and answer the questions that follow :

Inside the tree's protective outer bark is the circulatory system, consisting of two cellular pipelines that transport water, mineral nutrients, and other organic substances to all living tissues of the trees. One pipeline called the Xylem – or sapwood—transports water and nutrients up from the roots to the leaves. The other, the phloem or inner bark-carries the downward flow of foodstuffs from the leaves to the branches, trunk and roots. Between these two pipelines is the vascular cambium, a single cell layer too thin to be seen by the naked eye. This is the tree's major growth organ, responsible for the outward widening of the trunk, branches, twigs, and roots. During each growing season, the vascular cambium produces new phloem

cells on its outer surface and new xylem cells on its inner surface.

Xylem cells in the roots draw water molecules into the tree, taking in hydrogen and oxygen and also carrying chemical nutrients from the soil. The xylem pipeline transports this life-sustaining mixture upward as xylem sap, all the way from the roots to the leaves.

How a tree manages to lift several litres of water so high into the air against the pull of gravity is an amazing feat of hydraulics. Water moves through the tree because it is driven by negative pressure—tension—in the leaves due to the physical properties of water.

Transpiration, the evaporation of water from leaves, creates the tension that drives long distance transport up through the xylem pipeline. Late in the growing season, xylem cells diminish in size and

develop thicker skins, but they retain their capacity to carry water.

Over time the innermost xylem cells become clogged with hard or

gummy waste products and can no longer transport fluids. However,

since the vascular cambium manufactures healthy new xylem cells

each year, the death of the old cells does not mean the death of the

tree.

Questions :

- (i) What are the primary components of the tree's circulatory system ?
- (ii) The underlined word 'This' in paragraph I refers to

(Complete it)

(iii) It can be inferred from paragraph I that the xylem is responsible
for (Complete it)

(iv) Is the process of transpiration essential to the tree's circulatory
system ?

(A) Yes

(B) No

(v) The word gummy is closet in meaning to :

(A) Sticky

(B) Liquid

(C) Smelly

(D) Fluffy

- (vi) Function of phloem is to carry downward flow of foodstuff from the leaves to the branches, trunk and roots.

(True/False)

- (vii) What should be the appropriate title of the paragraph ?

(A) The Circulatory System of Trees

(B) The Science of Hydraulics

(C) The World of Trees

- (viii) The antonym of 'Protective' is

- (ix) Does the death of the old xylem cells mean the death of the tree ?

(A) Yes

(B) No

- (x) Use the word 'feat' in your own sentence.

1×10=10

SECTION-B

(WRITING SKILLS AND GRAMMAR)

3. Your mother has opened a small shop of fresh flowers. Draft a classified advertisement (not exceeding 50 words) for the post of a salesman with an experience of two years in floriculture.

Or

Your neighbour has created problems in the neighbourhood by burning trash every evening on the roadside. Write a letter to the Municipal Commissioner complaining about it and requesting for its redressal.

4

4. Write a letter to the Chief Librarian of a reputed university and seek her help for making a virtual library in your school so that students can access all books easily (120–150 words).

(10)

Or

Write a letter to the Director of School education requesting him to send teachers in your school for children with special needs so as to make your school inclusive and exemplary for the underprivileged students.

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Discuss.
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