

Roll No.:
(Total No. of Pages 8)

E-1811

Time : 3 Hrs.
MM : 80

SECTION - I

Q.1 A] Read following extract and complete the activities given below it. (12)

The scene is set in the children's bedroom at 7.30 on a Sunday morning. ITM is shaking her 12-year-old daughter and roaring, "Get up, you have to get ready for maths tuition." Kid: "Some more time, mummy, I slept at midnight." ITM: "But you can't be late, because after tuition you have art classes, then chess practice, then home for a quick lunch, then guitar lessons, then soccer and I don't think you've finished homework," Kid: "Mom, I did. And can I go to Jyoti's birthday party?" ITM: Are you mad? There is no time, and she is a bad influence on you, got a B- in Math in the last test."

From the corner a meek voice pops up. "Ahem, cough, splutter, don't you think you are being a bit hard on the child?" "Hard? When I was young my mother ensured I did all this. Why do you think I am so successful? Obviously your parents were lax, otherwise you would have been a big shot by now, like your classmate Rakesh. You please stay out of this."

At this point, the wise man stays out of it, the foolhardy one rushes in to counter the accusation. Most fathers retire quietly to read the Sunday papers. The papers are no help either: they carry articles such as "Board exam topper says she studied 12 hours a day". Or "Indian- American kid wins Spelling Bee."

A1 State two reactions of each of the following characters from the extract. 2

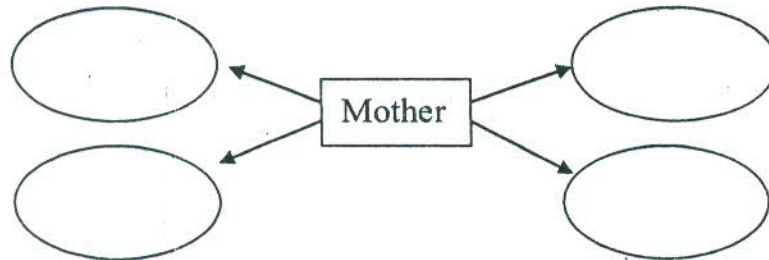
- 1) Child i. _____ ii. _____
2) Father i. _____ ii. _____

A2 Complete the following sentences. 2

a. The difference between a wise father and a fool hardy father's is _____.

b. The mother tells the father to stay out of the argument because _____.

A3 Complete the web with words that describe the mother. 2



A4 Complete the following table. 2

Verb	Adjective	Noun
1. Influence		
2.		Practice

A5 What impact does this passage leave on you? Explain. 2

- A6 Do as directed.**
- i She is a bad influence on you. 1
(Rewrite the sentence using Present Perfect Tense)
- ii The papers are no help. 1
(Rewrite the sentence by removing negative)

- B Do as directed.** (3)
- i. _____ citizens of Pune want to take steps to make _____ city 1
garbage free.
(Fill in the blanks using appropriate articles.)
- ii. The Pharmaceutical industry _____ India has had a good run 1
_____ the last couple of years.
(Fill in the blanks with appropriate prepositions)
- iii. "Can you suggest me a good hotel?" Mr. Shah asked the taxi driver. 1
(Change into indirect speech)

Q.2 A Read following extract and complete the activities given below it. (12)

Q.: Stephen Hawking has said he decided to study cosmology because he was inspired by a summer course he took with you.

JVN: I don't know about that. But in June or July 1961, I gave a couple of talks on cosmology to students at the Royal Greenwich Observatory. Stephen was in the audience and asked a lot of questions. Later, we had a table tennis tournament and I beat him in the final. He was still fit then.

Q: You write science fiction. Do you read much of it too?

JVN: Not much, because I am turned off if the fiction contradicts the science I know without explanation. For example, relativity says that nothing can move faster than light, but in one novel people were traversing the galaxy in the matter of a few years whereas light would take a hundred thousand years.

But I like the science fiction of Isaac Asimov, Arthur C. Clark, and Fred Hoyle. And Jules Verne. In this, "Around the World in Eighty Days" he has very cleverly made use of the fact that as you go east, you drop a few hours.

Q : I believe you named your eldest daughter Geeta because of your fondness for the Bhagvad Gita. You are also, like your parents, well versed in Sanskrit. What are your religious views?

JVN: I feel that religion can give you a code of conduct in which you find happiness in what you are doing, so that whatever you do is helpful or at least not damaging to your fellow human beings.

My father had books on all the important religions in the world. But he was an agnostic and didn't pray.

Q : Would you describe yourself as an agnostic too?

JVN : Yes, in the same sense. I go inside temples just to imbibe the atmosphere. I always find atmosphere very important in how I interact with a building.

- A1 State if the following statements are true or false. Correct the false statement.** 2
- i. Stephen Hawking played a table tennis tournament with Jayant Narlikar.
- ii. J. Narlikar writes science fictions.
- iii. Jayant Narlikar describes himself as an agnostic.
- iv. J. Narlikar has never studied Sanskrit.

A2 Fill in the blanks to complete the table.

2

	General View	Narlikar's View
i.	Science fiction abides by the rules of science.	
ii.	Science fiction is very authentic.	

A3 Name the following.

- i. The book that Narlikar liked the most _____ 1
- ii. Narlikar gave a couple of talks on cosmology at _____. 1

A4 Write four words from the passage which deal with science. 2

A5 What are your views about religion? Explain. 2

A6 Do as directed.

- i. You are also, like your parents. 1
(Add a question tag)
- ii. Religion can give you a code of conduct. 1
(Use a modal auxiliary showing certainty.)

B Read the following extract and complete the table given below. (3)

There are five main methods used to irrigate fields. They are flood, furrow, ring or basin, sprinkler and drip.

The flooding system, which is in general use for crops such as rice is suitable for flat lands with enough but assured water supply.

The furrow system is used to spread water over fields that are too irregular to flood. It is employed for crops such as cotton and vegetables. This system too needs plenty of water.

The ring or basin method is usually employed in orchards for irrigating fruit and other trees. The amount of water given to a plant is more than its requirement as some of it is likely to be lost through evaporation and seepage.

The sprinkler method requires less water as compared to the above methods. Each sprinkler, spaced along a pipe sprays droplets of water in a continuous circle until the moisture reaches the root level of the crop. This is used mainly for pasture lands where grass grows.

Drip irrigation method is also known as trickle irrigation system since every drop of water is made to trickle down into the soil. Since water is scarce in such regions, water is directly made available to the root zone, drop by drop. This method can be used in fields for any kind of crop.

	Flooding	Furrow	Ring/Basin	Sprinkler	Drip
1) crop or plant					any crop
2) type of land		fields too irregular to flood	orchards		land with water scarcity
3) water needed	assured water supply			less water	

Q.3 A Read following extract and complete the activities given below it.

(12)

Most of the water in the soil is rainwater and theoretically it should be as pure as distilled water. Fortunately, however, this is usually not the case, for plants need not only water to live, but also minerals - vital salts which are liberated during the decomposition of rock and soil. This decomposition is a continuous process and proceeds faster at high temperatures. When there is plenty of rain, most of the salts produced by decomposition are washed away into streams and rivers, and a proper mineral balance is maintained. The salt concentration in the ocean is also high, and very few land plants (except mangrove trees, which have certain special adaptations) grow in sea water. Most plants which grow on beaches such as the coconut palm actually live on fresh water paradoxical though this may seem. The seashore may be their habitat because the ocean currents will distribute their seeds, the coconuts. But they can no more live on salt water than any other plant. In fact, their roots do not reach sea water, but only go down to the fresh water which, being lighter than the salt, floats on top of it. Thus, when it rains on the sandy tropical beaches the rain water raises the water table in the sand, forcing the salt water downward and outward.

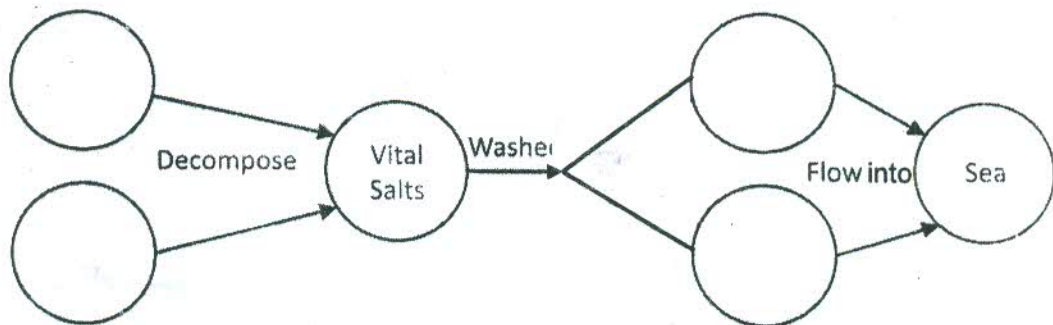
A1 Complete the sentences by choosing the correct information from the extract. 2

- i. Most plants such as coconut palm actually live _____.
- ii. Theoretically most water in soil should be _____.
- iii. Salt concentration in ocean is _____.
- iv. Plants need not only water to live but also _____.

A2 Find out two statements from the following statement which are against the views given in the passage and write them. 2

- i. During rain salt is washed away into streams and rivers.
- ii. Decomposition takes place only during rains at low temperatures.
- iii. Plants like coconut palm grow better in sea water.
- iv. Ocean currents distribute the seeds of coconut.

A3 Complete the following flow chart. 2



A4 Find the words from the passage which mean. 2

- i. A place where an organism naturally occurs.
- ii. Self contradictory.

A5 Why do you think water is essential for living beings? Explain. 2

A6 Do as directed.

- i. The rain water raises the water table in the sand. 1
(Rewrite the sentence as a complex sentence)

