

BCR Day – 5 Practice

1. **Read the passage carefully and answer the questions given below:**

“Your room is so ugly that no one can enter your room except yourself, son. Please take care of yourself at least. “Harish’s mother was simply shouting at Harish. It was a beautiful Sunday morning and Harish was in no mood to get up from bed even it was already 9.00 A.M. His mother had completed cleaning the whole house except Harish’s Room. Harish got up and finished his daily routine. Still, he was only at the receiving end. “All your friends have finished morning walk, breakfast and completed their weekly homework given in the college. Just clean your room and take the whole garbage and throw it outside.”

Harish was surprised. What is mom speaking about? Yesterday only his mom was teaching him about “Swachh Bharat Abhiyan” and today asking him to throw the garbage outside “What’s this Mom? You advised me so much and today asking to throw garbage outside?” Harish had two options, either to follow his mother’s last night’s advice or to follow her present order. He decided to follow the first and raised objection. His Mom said, “It was just a book son, I was teaching from that only.” Harish still objected and threw the garbage inside a dustbin, located around 200 meters away from his house.

Is it only a matter of reading only? Is really cleanliness not necessary? Is it a duty of the politicians and Government servants? Harish asked all the questions to himself and decided to do what he thought to be proper. If all of us with a little effort try it in our daily life, slowly, but surely we can clean our environment. Only we are responsible for all this nonsense. Therefore we have to act. We have to avoid the use of polythene bags to save our environment; we have to give up our habit of throwing garbage and used plastic bags and bottles here and there. Otherwise, the day will come when we and our future generation will be struggling to find a clean road to walk. Think seriously and act accordingly.

1. What was the subject matter of the book, which Harish’s mother was teaching him last night?
2. Who has to act properly to ensure a clean environment?
3. Who will suffer if we do not ensure a clean environment?
4. Write a summary of the above paragraph.

Answer:

1. The subject matter of the book from which Harish’s mother was teaching him was ‘Swachh Bharat Abhiyan.’
2. It is the duty of all the citizens & inhabitants of the environment to act properly to ensure that the environment is clean.
3. All of us as well as our future generations will suffer if we do not ensure a clean environment.

4. **Summary;**

Harish is scolded by his mother for his dirty room and she asks him to clean his room and throw the whole garbage outside. Harish is surprised at his mother’s instruction

because she was teaching him about the 'Swachh Bharat Abhiyan' the previous night. Harish objects to his mother's instruction and throws the garbage in a dustbin located at a distance from his house. Harish contemplates whether the issue of cleanliness is only limited to reading and not practicing. Every person in the environment is responsible for cleanliness and not just the Government or politicians. We must act responsibly; reduce & avoid the use of polythene & plastic; give up the habit of littering or else we as well as our future generations will suffer and struggle for a clean environment.

2. Read the passage carefully and answer the questions given below:
Coral reefs are one of the most fragile, biologically complex, and diverse marine ecosystems on Earth. This ecosystem is one of the fascinating paradoxes of the biosphere. Found along the sea coasts they are formed in various shapes and sizes. They constitute one of the beautiful creations of nature. Symbiotic cells of algae known as zooxanthellae carry out photosynthesis using the metabolic wastes of the coral thereby producing food for themselves; for their corals, hosts, and even for other members of the reef community. This symbiotic process allows organisms in the reef community to use sparse nutrient resources efficiently.

Unfortunately for coral reefs, however, a variety of human activities are causing worldwide degradation of shallow marine habitats by adding nutrients to the water. Agriculture, slash-and-burn and clearing, sewage disposal, and manufacturing that create waste by-products all increase nutrient loads in these waters. Typical symptoms of reef decline are destabilized herbivore populations and an increasing abundance of algae and filter-feeding animals.

Declines in reef communities are consistent with observations that nutrient input is increasing in direct proportion to growing human populations thereby threatening reef communities sensitive to subtle changes in nutrient input to their waters.

1. What are the indicators of reef decay?
2. How does Algae carry out the process of photosynthesis?
3. How is man responsible for the destruction of the Natural Reef?
4. Write a Summary of the above Passage. (CA Foundation May 2019)

Answer

1. The typical indicators of reef decay are destabilized herbivore populations and an increasing abundance of algae and filter-feeding animals.
2. The algae carry out the photosynthesis process by utilizing the metabolic wastes generated by corals. These algae have a symbiotic relationship with the corals whereby they not only produce food for themselves but also for their corals, hosts, and even for other members of the reef community.
3. Various human activities are largely responsible for the destruction of Natural reefs such as agriculture, slash & burn, Land clearing, sewage disposal & manufacturing activities that generate waste by-products. All these activities increase nutrient loads in marine habitats thereby resulting in imbalance and decay of rSummary: Coral reefs are one of the most delicate complex & diverse marine ecosystems on Earth. The symbiotic relationship between algae, corals, and other organisms of the reef community enables them to co-exist and thrive by efficient utilization of sparse nutrients.

The algae utilize the wastes generated by corals and carry out photosynthesis to produce for themselves & corals. Several human activities like agriculture, sewage disposal, etc. are causing an increase in nutrient load thereby destabilizing the marine ecosystem. This is resulting in a decline in reef communities worldwide.

3. Read the passage carefully and answer the questions given below:

On attending a conference, which focused on the role of the services sector in Indian economy I was amazed. The conference gave a very interesting perspective on the role of the service sector in the growth of Indian economy in relation to growth rates in agriculture and industry. The current situation in India is that the growth rate of services has overtaken both agriculture and industry and is now contributing to more than 50% of GDP. The service sector has the highest growth rate and is the least volatile sector. Growth is particularly marked in public services, IT and financial services.

In some areas, the growth rate of the service sector is 40-50% due to increased use of mobile technologies. India, therefore has, a service-oriented economy. It hasn't followed traditional growth models as in China. However, in the process of doing so it has skipped the manufacturing stage and has jumped straight from the agriculture stage to service stage, which is also the main reason for the expansion of the service sector. In fact, the situation now is such that the growth in the service sector can and will support in the agriculture and industrial sectors. However, the only setback for Indian economy is the lack of growth in the manufacturing sector which causes dependence on other countries, which is not so desirable in terms of job creation and increased prosperity.

Population is also a major concern of the Indian economy. As the population of India grows so also does the number of dependents in the population in both the lower and higher age groups. In such a scenario of increasing population, especially in an economy which still recovering from crisis, growth becomes difficult. For such an economy to grow it has to invest. Currently, the public sector invests more than it saves. The household sector saves in surplus, but it is not increasing so it cannot continue to support private and public sectors. There is a massive need to spend on agriculture and infrastructure development of the country. Apart from that health and education should also be the priority of the government particularly the education of women in order to reduce the birth rate.

1. Which sector has the highest growth rate according to the passage?
2. What is the main reason for the expansion of the service sector?
3. What is the main concern of Indian economy?
4. Which sector saves in surplus according to the passage?
5. Which sector should be the priority of the government to reduce the birth rate?

Answers:

1. The service sector has the highest growth rate according to the passage.
2. India is traditionally an agricultural economy. Due to the increasing use of mobile technologies, it has skipped the manufacturing stage and has jumped straight from the

agriculture stage to service stage, which is also the main reason for the expansion of the service sector.

3. Population is the main concern of Indian economy.
4. The household sector saves in surplus according to the passage.
5. Health and education (specially the education of women) should be the priority of the government in order to reduce the birth rate.

