



## DELHI PUBLIC SCHOOL NEWTOWN

SESSION 2021-22

HALF YEARLY

CLASS : IX

SUBJECT : ECONOMIC APPLICATIONS[Paper I]

FULL MARKS : 60

TIME 1 HOUR 45 MINUTES

*Answers to this paper must be written on the paper provided separately.*

*You will not be allowed to write during the first 15 minutes.*

*This time is to be spent in reading the question paper.*

*The time given at the head of this paper is the time allowed for writing the answers.*

*Attempt all questions.*

*The intended marks for questions or parts of questions are given in bracket [ ]*

*This question paper contains 2 printed pages.*

### PART I [8 MARKS]

#### Question 1

- (a) State the definition of Economics put forward by Professor Robbins. [2]
- (b) Define rural and urban economies. [2]
- (c) Explain "How to produce" as the basic problem of an economy. [2]
- (d) How can a consumer play a dual role in the economy? [2]

### PART II [52 MARKS]

#### Question 2

i) Define a socialistic economy. Differentiate between capitalistic and socialistic economy. [7]

ii) Read the given case study and answer the following questions:

### CONSTRUCTION OF DAMS

Dam construction is often complex and requires a wide range of professionals from different disciplines.

- Civil engineers are generally responsible for determining the best type of dam for the site, and for producing technical drawings showing the construction process.
- They will consult with engineering geologists and hydrologists on the technical details of the site and the required specifications dependent on the amount of water involved.
- Mechanical engineers will be contracted to design the necessary pipework, valves and floodgates.
- Geotechnical engineers will determine whether the rock or soil below the proposed dam is strong enough to accommodate the weight and for determining possible permeability.

In very broad terms, the typical sequence of events for dam construction is as follows:

#### River diversion

Water flowing in a river or stream is diverted to create a dry area in which to construct the dam.

Lower flows will be capable of diverting through tunnels or channels built around the side of the dam area, excavated using explosives where necessary.

**Higher flows may be too difficult to divert using separate channels, so instead a dry pit is formed on one side of the river, leaving the other side open for water to flow through.**

**The dam is constructed in sections, with dry areas built in sequence. Openings are provided in the dam to allow the river to flow through.**

- a) Discuss the impacts of construction of dams on aquatic ecosystems.
- b) How are the downstream flora and fauna affected by the construction of dams?
- c) Construction of dams also adversely affects terrestrial ecosystem' do you agree with this statement? Justify your answer.
- d) What are the probable results of a dam failure?

[8]

**Question 3**

- (i) Define consumer. Discuss the importance of the consumer.
- (ii) Explain the role of industrial sector in an economy.

[7]

[8]

**Question 4**

- (i) Who has put forward the growth-oriented definition of Economics? Explain any three features of the definition.
- (ii) Discuss the impacts of the modern agricultural practices on our ecosystem.

[7]

[8]

**Question 5**

**Define mixed economy. How are the basic problems solved in a mixed economy?**

[7]