CHAPTER-3
PURPOSE WITH AI
EXERCISE

I. **MULTIPLE CHOICE QUESTIONS :**

1. SDG stands for:

   Ans. b. Sustainable Development Goals

2. How many SDGs are there?

   Ans. d. 17

3. What is the aim of Goal 1 which is about poverty?

   Ans. b. End poverty in all its forms from everywhere.

4. Which one from the following is not part of SDG?

   Ans. c. Provision of internet to all.

5. Which one of the following specifically talks about equality under SDGs?

   Ans. b. Goal 4: Quality Education, Goal 5: Gender Equality and Goal 10: Reduced Inequalities.

6. Which one of the following is not part of Goal 15: Life on Land?

   Ans. d. Halt the use of biotechnology and genetic engineering.

7. Which one of the following is not applicable for Sustainable Development Goals?

   Ans. a. They are a legally binding international treaty that all nations are required to follow.

8. By when the Agenda of Sustainable Development Goals is to be achieved?

   Ans. c. 2030

9. Sustainable Development Goals are designed to apply to which countries?

   Ans. c. Countries in Asia.

10. Which one of the following is not a domain of SDG?

    Ans. d. None of the above.

PRACTICE QUESTIONS

I. Fill in the blanks:

a) The United Nations adopted the SDG agenda which includes 17 goals.

b) As a responsible citizen, every member is expected to contribute towards achieving SDGs.

c) Many countries committed for taking actions to meet these SDGs by 2030.

d) Displaying compassion and Empathy to one another is a good quality of a good citizen.

e) The SDGs are global in nature and learning so as to develop Insightsand understand/learn around the world.

f) In No poverty goal, poverty must be finished in all its forms from everywhere.

g) It is imperative to take urgent actions to combat climate change and its impacts in Goal 13: Climate Action.

h) The world's Oceans play an important part in human world.

i) Halt and reverse land degradation and biodiversity loss comes under life on land.

j) In Life below water, it is essential to conserve seas and marine resources for sustainable development.

k) Games are integral part of our lives.

l) Each and every game can only be played with a set of rules.

II.   Match the following:

1.	SDG	iii. Sustainable Development Goals
2.	The quality of the environment along with reducing number of deaths	v. Good health and well being
3.	Discrimination in all forms based on gender	i. Gender equality
4.	Go Goals!	vi. Game
5.	All human settlements must be safe, inclusive, resilient and sustainable	iv. Sustainable Cities and Communities.
6.	Economic growth and higher levels of productivity with technological innovations.	ii. Decent work and economic growth.

III.   Name the three pillars of sustainable development goals.

Ans. a. Economic growth b. Social inclusion   c. Environmental protection

IV.   Unscramble the following letters to form a word:

Ans. a. SOCIAL   b. SUSTAINABLE

V.   Write any three reasons for learning about SDGs.

Ans. Reasons for learning about SDGs are as follows:

1. Students need to learn about the world.
2. Students must be active participants in the world they live in.
3. Students learn empathy and compassion.
4. Students and teachers are inspired to take action.

VI.   Write any two points of achievements in the following SDGs.

(a) Climate Action   (b) Reduced inequalities

Ans. (a) Climate action

I Aim : India's green house gas emission intensity will be reduced by 33-35% by 2030 from 2005.

I Achievement : The emission intensity of India's came down by 21% by 2014 from 2005.

II Aim : Turning 40% of the power capacity in the country to non-fossil fuel sources by 2030.

II Achievement : By March 2018, India had ensured 35% of its capacity is based on non-fossil fuel base such as renewable, hydroelectricity and nuclear.

(b) Reduced Inequalities

Aim : To reduce inequality within and among countries.

I Achievement : Steps have been taken to make sure that all children have access to good education.

II Achievement : To reduce health inequality, all children have free access to vaccines by the Government.

VII. Write the material for Go-Goals games.

Ans. To play Go Goals! Game, we need the following materials to start playing the game:

- Board Game
- Game Rule
- Dice and Token
- Question Sheets
- Scissors
- Colours
- Glue

VIII. What is the purpose of the following while playing the game 'Go Goals'?
  a. Board Game
  b. Token
  c. Question Sheets

Ans. (a) Board Game : Board Game is used to move the earned steps (through dice) by each partner.

(b) Token : The Token designates the player on the board.

(c) Question Sheets : Question Sheets contain Five sets of MCQs on each goal.

IX. Name the website to download the materials for Go Goals game.

Ans. The website to download the materials for Go Goals game is **http://go-goals.org/**

X. State any two issues of gender inequality which you have observed from your daily life. Also write suggestion(s) to attain the gender equality.

Ans. **Issue 1.** Usually cooking and cleaning in the house is being done by females.

Suggestion to attain gender equality for issue 1 : We should teach our children that there is no particular work that should be done either by boys or girls. Everyone should take equal responsibility in house chores.

Issue 2 : In labour force, women are paid less than men for the same work.

Suggestion to attain gender equality for issue 2 : There are rules regarding equal pay for equal work for men and women which needs to be followed strictly.

XI. Write the name of the goal for the following:
   a. Goal 1 – No Poverty.
   b. Goal 12 - Responsible Consumption.
   c. Goal 16 – Peace, Justice and strong institutions.
   d. Goal 8 – Decent Work and Economic growth.
   e. Goal 3 – Good health and Well being.

XII. Write an example of how Artificial Intelligence can help in achieving the following :
   a. Goal 1   b. Goal 7

   Ans. a. Goal 1 : AI can help to identify regions most in need of help. It can tackle poverty in particular areas through the improvement of farming and agriculture, increasing education and helping citizens learn new skills to support communities.
   b. Goal 7 : AI can optimize energy production and better predict and adjust to circumstances and demand. So renewable energy production can be better than ever and the non-renewable sources eventually replaced.