STEM SCHOOL
VIDYA NAGAR - GUNTUR
Affiliated to ICSE, New Delhi | Affiliation No : AP116

QUARTERLY EXAMINATION – 2024 - 2025
SUBJECT: GEOGRAPHY (H.C.G PAPER - 2)
GRADE: VIII

NAME OF THE STUDENT & SEC_____DATE: 21-09-2024

Maximum marks: 80
Time allowed: $2\frac{1}{2}$ HOURS
Answers to this paper must be written on the answer sheet 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.

- ***Part I** is compulsory**. All questions** from **Part I** are to be attempted.*
- ***A total of five questions** are to be attempted from **Part II**.*
- *The intended marks for questions or parts of questions are given in brackets [ ]*

Note:
(i) In all map work, make wise use of arrows to avoid overcrowding of the map.
(ii) The map work should be done on the map provided to you and after marking must be fastened to your answer paper.
*(iii) **All sub-sections of the questions attempted must be answered in the correct serial order.***
(iv) All working including rough work should be done on same answer sheet which is used to answer the rest of the paper.

PART- I (30 Marks)

QUESTION-1
Choose the correct answer to the questions from the given options. **16×1=16M**

1. What is population density?

A) The total number of individuals in a population

B) The number of individuals per unit area

C) The number of births in a population

D) The rate of population growth

2. Which of the following factors can decrease a population size?

A) High birth rate B) Immigration

C) Emigration D) Availability of resources

3. What is migration?

A) Movement of people from one place to another B) Increase in population size

C) Decrease in birth rate D) The growth of urban areas

4. Which of the following is a push factor for migration?

A) Job opportunities B) Political instability

C) Good healthcare facilities

D) Educational opportunities

5. What term describes people who move to a new country to settle permanently?

A) Immigrants B) Emigrants

C) Tourists D) Nomads

6. Which of the following is an economic reason for migration?

A) War and conflict
B) Natural disasters
C) Better employment opportunities
D) Cultural exchange

7. What is urbanization?

A) The process of people moving from urban to rural areas
B) The growth of cities due to migration and population increase
C) The decrease in population in cities
D) The development of agricultural areas

8. Which of the following is a cause of urbanization?

A) Decrease in birth rates
B) Improved transportation networks
C) Natural disasters
D) Deforestation

9. What is a megacity?

A) A city with a population over 1 million

B) A city with more than 10 million inhabitants

C) A city with extensive rural areas

D) A city that focuses on agriculture

10. Which of the following is a consequence of rapid urbanization?

A) Increase in agricultural land

B) Decrease in pollution

C) Overcrowding in cities

D) Reduction in slums

11. What is a smart city?

A) A city with a high population density
B) A city that uses digital technology to improve services and infrastructure
C) A city located near a satellite
D) A city with a large number of industries

12. Which of the following is a characteristic of a satellite city?

A) It is the main city of a region

B) It is dependent on a nearby larger city for economic activities

C) It is located in a rural area with no connection to other cities

D) It is a city that focuses only on technology

13. Which of the following technologies is commonly used in smart cities?

A) Solar energy B) Automated waste management systems

C) Agricultural tools D) Fishing equipment

14. Why are satellite cities developed?

A) To increase urban sprawl B) To reduce the population burden on the main city

C) To replace rural areas D) To create new agricultural zones

15. What is the main cause of man-made disasters?

A) Tectonic plate movements B) Human error or negligence

C) Volcanic eruptions D) Climate change

16. Which natural disaster is caused by the sudden movement of the Earth's crust?

A) Flood B) Earthquake C) Drought D) Tornado

QUESTION-2

Answer the following in one word. **14×1=14M**

1. What term is used to describe the ratio between the distance on the map and the actual distance on the ground?
2. Name the system on a topographical map helps in locating places on the Earth's Surface accurately?
3. What describes the steepness of the terrain on a toposheet?
4. The number of deaths per thousand people in a population refers to.
5. Number of people living in a unit area is called?
6. The word describes the movement of people from one place to another.
7. People who move from one country to another?
8. The term refers to the movement of people into a country.
9. The area surrounding a city is called?
10. A violent shaking of the Earth's surface is called?
11. A prolonged period of a abnormally low rainfall is called?
12. A large ocean wave caused by an underwater earthquake.
13. The spacing between contour lines is called?
14. What is the another name for nucleated settlement?

PART-B (50 MARKS)
(Answer any *five* of the following questions)

QUESTION-3

With reference to *Natural and Man-made diasasters*, answer the following:

1. How do cyclones occur? [2M]
2. What causes an earthquake? [2M]
3. Explain any three natural causes of floods. [3M]
4. Discuss how a biological disaster can impact public health and economy. [3M]

QUESTION-4

With reference to *Urbanization*, answer the following:

1. What causes urbanisation? [2M]
2. Describe a satellite city and name five satellite cities in India. [2M]
3. What facilities does a smart city offer name a few smart cities in India? [3M]
4. Explain the positive impacts of urbanisation. [3M]

QUESTION-5

With reference to *Migration*, answer the following:

1. What is human trafficking? Describe. [2M]
2. Compare temporary and permanent migration. [2M]
3. List the advantages of migration to the home country. [3M]
4. Explain the brain drain. [3M]

QUESTION-6

With reference to *Interpreting Topographical Maps*, answer the following:

1. Explain a gentle slope and steep slope through and diagram. [2M]
2. Define the following: [2M]
   (i)Col (ii) Pass
3. List the features of contour lines. [3M]
4. Differentiate between nucleated and dispersed settlements. [3M]

QUESTION-7

With reference to *Population Dynamics*, answer the following:

1. What are the impacts of overpopulation? [2M]
2. Write about the natural and physical factors controlling population concentration. [2M]
3. List the types of population pyramids and explain one of the population pyramids. [3M]
4. Explain about the population refers to the number of people in different age groups [3M]

QUESTION-8

With reference to *Migration*, answer the following:

1. Define internal and international migration. [2M]
2. List the push and pull factors for migration. [2M]
3. Describe the impact of migration on the country of origin. [3M]
4. Explain the causes of migration. [3M]

QUESTION-9

With reference to *Interpreting Topographical Maps*, answer the following:

1. Define the following: [2M]
   (i) Gap (ii) Saddle
2. What is a settlement? Classify the settlement patterns. [2M]
3. Differentiate between contour interval and contour spacing. [3M]
4. What is a topographical map? What are its uses? [3M]

ALL THE BEST