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2. (Signature)       (In words)         (Name)       Test Booklet No.         J-1509       PAPER-III         Time : 2½ hours]       POPULATION STUDIES       [Maximum Marks : 200         Number of Pages in this Booklet : 40       Number of Questions in this Booklet : 26         Instructions for the Candidates       Number of Questions in this Booklet : 26         Answers to short answer/essay type questions are to be given in the space provided below each question in the Test Booklet itself.       Number of Questions in this Booklet : 26         a. At the commencement of examination, the question in the Test Booklet itself.       1. परंख पृष्ठ के उसर ग्विका आपको पै दी जोबेगे 1. परंख पृष्ठ के जार विका वार्वा को पार्ख के प्रार्ख वार के कवर पेच पर लगी सींच मार airva sign at aura and runfaffara and and and and and and and and and an		-										
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			8.	केवल नीले/काले बाल प्वाईंट पैन का ही इस्तेमाल करें।								
9. Use of any calculator or log table etc. is prohibited. आदि का प्रयोग वर्जित है।	8.	Use only Blue/Black Ball point pen.	9.	किसी भी प्रकार का संगणक ( कैलकुलेटर ) या लाग टेबल								
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### **POPULATION STUDIES**

# जनसंख्या अध्ययन

PAPER — III प्रश्न-पत्र — III

- **NOTE:** This paper is of two hundred (200) marks containing four (4) sections. Candidates are required to attempt the questions contained in these sections according to the detailed instructions given therein.
- नोट : यह प्रश्नपत्र दो सौ (200) अंकों का है एवं इसमें चार (4) खंड है। अभ्यर्थियों को इन में समाहित प्रश्नों का उत्तर अलग दिये गये विस्तृत निर्देशों के अनुसार देना है।

#### SECTION - I

#### खण्ड—I

**Note :** This section contains five (5) questions based on the following paragraph. Each question should be answered in about thirty (30) words and each carries five (5) marks.

(5x5=25 marks)

**नोट :** इस खंड में निम्नलिखित अनुच्छेद पर आधारित पाँच (5) प्रश्न हैं। प्रत्येक प्रश्न का उत्तर लगभग तीस (30) शब्दों में अपेक्षित है। प्रत्येक प्रश्न पाँच (5) अंकों का है।

(5x5=25 अंक)

# Read the following paragraph carefully and answer the following questions in the light of its contents :

Successful family planning produces smaller families. Successful economic development often results in high social mobility and dispersed families. The advent of smaller nuclear families in place of larger extended family threatens the traditional Asian system of security for the aged. Thus, an alternative mechanism is needed to provide social, economic and psychological security for Asia's aging population. The legislative and administrative measures required to address the needs of increasing numbers of elderly include;

- Coordinating efforts to deal with aging with those aimed at moderating population growth;
- Strengthening the scientific understanding of aging as it pertains to the actual conditions of each individual country and adopting a long-term approach based on the overall enhancement of social and economic development;
- Extending the age of mandatory retirement and creating employment opportunities for those who wish to work after retirement, accompanied by specialized retraining programmes;
- Reviewing national health insurance plans and pension schemes with a view to identifying cost-effective ways of improving coverage and benefits for the elderly, including elderly women who comprise the majority of the elderly;
- Developing appropriate measures based especially on community resources to sustain and promote family ties to provide not only financial but also psychological support for the aged.

# निम्नांकित परिच्छेद को ध्यान से पढ़िए और उसकी विषय सामग्री के प्रकाश में निम्न प्रश्नों का उत्तर दीजिए।

सफल परिवार नियोजन कार्यक्रम ज्यादा छोटे परिवारों को जन्म देता है। प्रायः सफल आर्थिक विकास कार्यक्रम का परिणाम अधिक सामाजिक गतिशीलता और खंडित परिवार है। बड़े विस्तृत परिवारों के स्थान पर छोटे एकाकी परिवारों के बढ़ने से पारम्परिक एशियाई वृद्धों की सुरक्षा पद्धति को खतरा पैदा हो गया है। अत:, एशिया की वृद्ध हो रही जनसंख्या के लिए सामाजिक, आर्थिक और मनोवैज्ञानिक सुरक्षा प्रदान करने के लिए दूसरे उपाय आवश्यक है। वृद्धों की बढ़ती हुई संख्या की आवश्यकताओं को पूरा करने के लिए कानूनी और प्रशासनिक उपाय निम्न है :

- जनसंख्या वृद्धि को संयत करने के लिए वृद्धावस्था से निबट्ने के प्रयासों को समन्वित करना;
- चूंकि प्रत्येक देश की वास्तविक स्थितियां भिन्न होती हैं सम्पूर्ण सामाजिक व आर्थिक विकास के लिए दीर्घ कालिक वृद्धावस्था से सम्बद्धित वैज्ञानिक समझ को सुदृढ़ करना;
- सेवानिवृत की आयु को बढ़ाना और, जो लोग सेवा निवृति के बाद कार्य करना चाहते हैं उनके लिए विशेषीकृत पुन: प्रशिक्षण कार्यक्रम के साथ, रोजगार अवसर सृजित करना;
- वृद्ध स्त्रियां, जो वृद्धों में बहुसंख्यक होती है, समेत वृद्धों के लिए कवरेज़ और लाभ सुधारने के लिए लागत प्रभावी तरीके ढूंढने के विचार से राष्ट्रीय स्वास्थ्य बीमा योजनाओं और पेंशन योजनाओं का पुनार्वलोकन करना;
- वृद्धों के लिये न केवल वित्तीय परन्तु मनोवैज्ञानिक सहायता भी प्रदान करने के लिए पारिवारिक बन्धनों को बनाए रखने और उन्हें बढ़ावा देने के लिए विशेष रूप से सामुदायिक संसाधन पर आधारित उपयुक्त उपाय तैयार करना।
- What are the compulsions for providing security to the aged ?
   वृद्धों को सुरक्षा प्रदान करने लिये क्या अनिवार्यतायें हैं ?

State the legislative measures required to address the issues of security for the Aged.
 'वृद्धों के लिए सुरक्षा' के मुद्दों को सम्बोधित करने के लिए अपेक्षित कानूनी उपाय बताइये।

**3.** What Administrative Reforms are recommended for improving the security-system for the aged.

वृद्धों के लिए सुरक्षा पद्धति सुधारने के लिये कौन से प्रशासनिक संशोधनों को प्रस्तावित किया गया है?

4. How can the aged population be used as an important Human Resource ? वृद्ध जनसंख्या को महत्वपूर्ण मानव संसाधन के रूप में किस प्रकार प्रयोग किया जा सकता है ?

 What is the message the author wants to convey through this passage ? इस लेखांश में लेखक का क्या संदेश है ?

#### **SECTION - II**

#### खण्ड—II

**Note :** This section contains fifteen (15) questions each to be answered in about thirty (30) words. Each question carries five (5) marks.

(5x15=75 marks)

**नोट :** इस खंड में पाँच-पाँच (5-5) अंकों के पंद्रह (15) प्रश्न हैं। प्रत्येक प्रश्न का उत्तर लगभग तीस (30) शब्दों में अपेक्षित है। प्रत्येक प्रश्न पाँच (5) अंकों का है।

(5x15=75 अंक)

 What do you mean by Demographic Composition of any population : जनसंख्या के जनांकिकीय संयोजन से आप क्या समझते हैं ?  Define Sustainable Development : धारणीय विकास की व्याख्या कीजिए।

 What are the causative factors of air pollution in urban areas ? नगरीय क्षेत्रों में वायु प्रदूषण के उत्पादक कारक क्या हैं ? Discuss Aging in India and its future trends.
 भारत में वयोवृद्धि और उससे सम्बन्धित भावी गति की विवेचना कीजिए।

State three main objectives of the National Policy for Empowerment of women in India.
 भारत में स्त्रियों के सशक्तिकरण के लिए राष्ट्रीय नीति के तीन मुख्य उद्देश्य बताइए।

What do you understand by HIV/AIDS ?
 एच.आइ.वी./एड्स से आप क्या समझते हैं ?

 What is Global Warming ? भूमंडलीय उष्णता क्या है ? Describe Demographic goals laid down in the National Population policy of India 2000.
 भारत की राष्ट्रीय जनसंख्या नीति, 2000 में निर्धारित जनांकिकीय लक्ष्यों का वर्णन कीजिए।

Differentiate the nature of Age pyramids in the developed and developing countries.
 विकसित और विकासशील देशों के 'एज पिरामिडज़' (Age pyramids) की विभिन्नताएँ बताइये।

Distinguish between status of women and women empowerment ?
 स्त्रियों का स्तर और स्त्रियों के सशक्तिकरण के बीच अन्तर कीजिए।

Briefly describe the stages in 'Demographic Transition Theory' ?
'जनांकिकीय संक्रमण सिद्धान्त' की अवस्थाओं का संक्षेप में वर्णन कीजिए।

Describe the Sample Registration System.
 प्रतिदर्श पंजीकरण पद्धति का वर्णन कीजिए।

18. What is the definition adopted for 'urban' in the census of India 2001.
भारत की जनगणना, 2001, में 'नगरीय' के लिये क्या परिभाषा अपनाई गई है?

Define Net Reproduction Rate and give its formula.
 सकल पुनरुत्पादन दर की परिभाषा दीजिए और उसका सूत्र (फार्मूला) बताइए?

Give formula for the calculation of exponential rate of growth and discuss its merits.
 वृद्धि की घातीय (exponential) दर की गणना का फार्मूला बताइए और उसके गुणों की विवेचना कीजिए।

#### **SECTION - III**

#### खण्ड—III

**Note :** This section contains five (5) questions from each of the electives / specialisations. The candidate has to choose <u>only one</u> elective / specialisation and answer all the five questions from it. Each question carries twelve (12) marks and is to be answered in about two hundred (200) words.

# (12x5=60 marks)

नोट : इस खंड में प्रत्येक ऐच्छिक इकाई/विशेषज्ञता से पाँच (5) प्रश्न हैं। अभ्यर्थी को केवल एक ऐच्छिक इकाई/विशेषज्ञता को चुनकर उसी में से पाँचो प्रश्नों का उत्तर देना है। प्रत्येक प्रश्न बारह (12) अंकों का है व उसका उत्तर लगभग दो सौ (200) शब्दों में अपेक्षित है। (12x5=60 अंक)

### Elective - I

# विकल्प – I

# (Techniques of Population Analysis) ( जनसंख्या विश्लेषण की प्रविधियां )

- 21. What are the available sources of morbidity data? Distinguish between incidence and prevalence rate? रूग्णता पर आंकड़े प्राप्त करने के लिए कौन से स्रोत उपलब्ध हैं? प्रभाव-सीमा की दर और व्यापकता दर के बीच अन्तर कीजिए।
- 22. What are the types of nuptiality data available from census, SRS and sample surveys ? Give their limitation. जनगणना, एस.आर.एस. और प्रतिदर्श सर्वेक्षणों से उपलब्ध वैवाहिकता आंकड़े कौनसे प्रकार के हैं ? उनकी सीमायें बताइये।
- 23. Discuss intermediate variables of Davis and Blake. डेविस एवं ब्लेक के अंतर्वती चर की विवेचना कोजिए।
- Describe various mortality indicators and name the sources from where data for these indicators are obtained ?
   विभिन्न मृत्यु सूचकों का वर्णन कीजिए और जिन स्रोतों से यह सूचक प्राप्त किए जाते हैं उनके नाम बताइये।
- 25. Discuss the changes in the age-sex compotion of the population of India as revealed by the recent censuses. हाल ही की जनगणनाओं द्वारा प्रदर्शित भारत की जनसंख्या के आयु-लिंग संयोजन में हो रहे परिवर्तनों की विवेचना कीजिए।

### OR / अथवा

#### Elective - II

# विकल्प–II

#### (Population, Settlements and Human Ecology)

# ( जनसंख्या, बस्तियां तथा मानव पारिस्थितिकी )

**21.** How do people perceive 'Natural Hazards' and adapt to such ecological disturbances ?

किस प्रकार लोग 'प्राकृतिक आपदाओं को महसूस करते हैं और ऐसी पारिस्थितिकी बाधाओं को किस प्रकार अनुकूल बनाते हैं?

**22.** What is the impact of Human Agency on Forest Ecosystem.

वन पारिस्थितिकी व्यवस्था पर मानव एजेन्सी का क्या प्रभाव होता है?

- Describe methods of measuring centrality and hierarchy in human settlements.
   मानव बस्तियों की केन्द्रीयता और पदानुक्रम मापने की विधियों का वर्णन कीजिए।
- Describe theories of migration and discuss one amongst them in details.
   प्रवसन के सिद्धान्तों का वर्णन कीजिए और उनमें से एक का विस्तार से विवेचना कीजिए।
- Explain the principle of 'Population Threshold' in settlement studies.
   बस्ती अध्ययन में 'पोपुलेशन थ्रेसहोल्ड' का सिद्धान्त स्पष्ट कीजिए।

**OR / अथवा** 

### Elective - III

#### विकल्प–III

# (Population, Development and Environment)

# ( जनसंख्या, विकास तथा पर्यावरण )

- Describe the recent trends in urbanisation in India and its consequences ?
   भारत में नगरीकरण में तत्कालीन प्रवृतियों और उनके प्रभावों का वर्णन कीजिए।
- How does water pollution effects human life ?
  'जल प्रदूषण मानव जीवन को कैसे प्रभावित करता है'।
- Highlight the salient features of the Bucharest conference ?
   बुखारस्ट सम्मेलन को मुख्य विशेषताओं पर प्रकाश डालिए।
- Discuss the linkages between biodiversity and population growth.
   जैव विविधता और जनसंख्या वृद्धि के मध्य सम्बन्धों की विवेचना कीजिए।
- Discuss the consequences of declining fertility on socio-economic development in India.
   भारत में सामाजिक आर्थिक विकास पर गिरती हुई जननक्षमता के प्रभावों की विवेचना कीजिए।

**OR / अथवा** 

# Elective - IV

# विकल्प-IV

# (Family Welfare Programmes in India) ( भारत में परिवार कल्याण कार्यक्रम )

**21.** Describe the use of Management Information System (MIS) in the field of family welfare programme.

परिवार कल्याण कार्यक्रम के क्षेत्र में प्रबन्ध सूचना पद्धति (मैनेजमेंट इनफोर्मेशन सिस्टम) के उपयोग का वर्णन कीजिए।

- Organisational structure of PHCs in India Describe.
  'भारत में प्राथमिक स्वास्थ्य केन्द्रों का संगठनात्मक ढांचा' वर्णन कीजिए।
- 23. What is the need for a population policy ? Describe the main features of the National Population policy of India 2000. जनसंख्या नीति को क्या आवश्यकता है ? भारत को राष्ट्रीय जनसंख्या नीति, 2000 को मुख्य विशेषताओं का वर्णन कीजिए।
- What is couple protection Rate ? Give brief account of the performance of major states of India ?
   दम्पति संरक्षण दर क्या है ? भारत के मुख्य राज्यों के निष्पादन का संक्षिप्त ब्यौरा दीजिए।
- 25. Critically discuss the Reproductive and child Health programme in India and suggest measures for improvement ?

भारत में प्रजनन एवं बाल स्वास्थ्य कार्यक्रम की समीक्षा कीजिए और उसमें सुधार के लिये उपाय बताइए।

#### **SECTION - IV**

#### खण्ड–IV

- Note :This section consists of one essay type question of forty (40) marks to<br/>be answered in about one thousand (1000) words on any of the<br/>following topics.(40x1=40 marks)
- **नोट :** इस खंड में एक चालीस (40) अंकों का निबन्धात्मक प्रश्न है जिसका उत्तर निम्नलिखित विषयों में से केवल एक पर, लगभग एक हजार (1000) शब्दों में अपेक्षित है। **(40x1=40 अंक)**
- **26.** Give your views on the emerging diseases due to change in the life style pattern in India ?

भारत में जीवन शैली के नमूने में परिवर्तन की वजह से उभरती बिमारियों पर अपने विचार दीजिए।

#### OR/अथवा

The family welfare programme has failed to achieve its desired goal comment.

परिवार कल्याण कार्यक्रम अपना इच्छित लक्ष्य प्राप्त करने में असफल रहा है – टिप्पणी कीजिए।

#### OR/अथवा

Sustainable development is essential for environmental security and population stabilization - give your views.

'पारिस्थितिकीय सुरक्षा और जनसंख्या स्थिरीकरण के लिए धारणीय विकास अनिवार्य है' – अपने विचार दीजिए।

#### OR/अथवा

Discuss the role of future urbanization towards economic, social and environmental consequences ?

आर्थिक, सामाजिक और पारिस्थितिकीय परिणामों के प्रति भावी नगरीकरण की भूमिका की विवेचना कीजिए।

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	Marks Obtained										
Question Number	Marks Obtained	Question Number	Marks Obtained	Question Number	Marks Obtained	Question Number	Marks Obtained				
1		26		51		76					
2		27		52		77					
3		28		53		78					
4		29		54		79					
5		30		55		80					
6		31		56		81					
7		32		57		82					
8		33		58		83					
9		34		59		84					
10		35		60		85					
11		36		61		86					
12		37		62		87					
13		38		63		88					
14		39		64		89					
15		40		65		90					
16		41		66		91					
17		42		67		92					
18		43		68		93					
19		44		69		94					
20		45		70		95					
21		46		71		96					
22		47		72		97					
23		48		73		98					
24		49		74		99					
25		50		75		100					

Total Marks Obtained (in words) .....

(in figures) .....

Signature & Name of the Coordinator .....

(Evaluation)

Date .....