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**TEST BOOKLET
GENERAL STUDIES
Paper-I**

A

Time Allowed : Two Hours

Maximum Marks : 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION YOU SHOULD CHECK THAT THE TEST BOOKLET *DOES NOT* HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC, IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. **Please note that it is the candidate's responsibility to encode and fill in the Roll Number and Test Booklet Series A, B, C or D carefully and without any omission or discrepancy at the appropriate place in the OMR Answer Sheet. Any omission/discrepancy will render the Answer Sheet liable for rejection.**
3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside . *DO NOT* write *anything else* on the Test Booklet.
4. This Test Booklet contains **100** items (questions). Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose *ONLY ONE* response for each item.
5. You have to mark all your responses *ONLY* on the separate Answer Sheet provided.
6. **All** items carry equal marks.
7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the invigilator only the *Answer Sheet*. You are permitted to take away with you the Test Booklet.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. **Penalty for wrong Answers :**
THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.
 - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-third** of the marks assigned to that question will be deducted as penalty.
 - (ii) If a candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.
 - (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be **no penalty** for that question.

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Model Test Paper 4

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General Studies Paper I

<p>1. Which of the following statements are correct</p> <p>The state of Kerala which receives more than 3000 mm of rainfall every year has often been declared drought affected</p> <p>2. The reason being that it is insufficient to have two good crops</p> <p>(a) Only 1 is correct</p> <p>(b) Only 2 is correct</p> <p>(c) Both 1 and 2 are correct</p> <p>(d) Neither 1 nor 2 is correct</p> <p>2. Which of the following statements are correct about the water on the earth</p> <p>1. Approximately 80% of earth's surface is covered with water</p> <p>2. Only 1% of it is fresh water that we can use</p> <p>(a) Only 1 is correct</p> <p>(b) Only 2 is correct</p> <p>(c) Both 1 and 2 are correct</p> <p>(d) Neither 1 nor is correct</p> <p>3. How much of the total water available on the earth is fresh water</p> <p>(a) 1%</p> <p>(b) 2%</p> <p>(c) 2.7%</p> <p>(d) 4%</p> <p>4. The maximum amount of fresh water is available in</p> <p>(a) Rivers</p> <p>(b) lakes</p> <p>(c) Polar regions</p> <p>(d) Ground water</p> <p>5. Which of the following statements are correct</p> <p>1. Cherapunji in Meghalaya, which was said to receive highest rainfall in the world, is now reeling under acute drinking water problem</p> <p>2. This is because of water runoff, denudation and no storage facilities</p> <p>(a) Only 1 is correct</p> <p>(b) Only 2 is correct</p>	<p>(c) Both 1 and 2 are correct</p> <p>(d) Neither 1 nor 2 is correct</p> <p>6. Which of the following is the least severe form of drought</p> <p>(a) Meteorological drought</p> <p>(b) Hydrological drought</p> <p>(c) Agricultural drought</p> <p>(d) Socio-economic drought</p> <p>7. Which of the following criteria have been set by the Indian Meteorological Division (IMD) for identifying the onset of drought</p> <p>(a) Deficiency of a particular year's rainfall exceeding 10 per cent of normal</p> <p>(b) Deficiency of a particular year's rainfall exceeding 15 per cent of normal</p> <p>(c) Deficiency of a particular year's rainfall exceeding 20 per cent of normal</p> <p>(d) Deficiency of a particular year's rainfall exceeding 25 per cent of normal</p> <p>8. Which of the following criteria have been set by the Indian Meteorological Division (IMD) for identifying the Moderate drought</p> <p>(a) Deficit of rainfall between 16-30 per cent of normal</p> <p>(b) Deficit of rainfall between 16-40 per cent of normal</p> <p>(c) Deficit of rainfall between 26-40 per cent of normal</p> <p>(d) Deficit of rainfall between 26-50 per cent of normal</p> <p>9. Which of the following criteria have been set by the Indian Meteorological Division (IMD) for identifying the Severe drought</p> <p>(a) Deficit of rainfall more than 30 per cent of normal</p> <p>(b) Deficit of rainfall more than 40 per cent of normal</p> <p>(c) Deficit of rainfall more than 50 per cent of normal</p> <p>(d) Deficit of rainfall more than 60 per cent of normal</p>
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General Studies Paper I

<p>10. Which of the following drought precedes first</p> <p>(a) Meteorological drought</p> <p>(b) Hydrological drought</p> <p>(c) Agricultural drought</p> <p>(d) Socio-economic drought</p> <p>11. Approximately how many people are annually affected by drought</p> <p>(a) 10 million</p> <p>(b) 20 million</p> <p>(c) 40 million</p> <p>(d) 50 million</p> <p>12. The basic goal of drought planning is</p> <p>(a) Water supply augmentation and conservation</p> <p>(b) Drought Monitoring</p> <p>(c) Expansion of irrigation</p> <p>(d) to improve the effectiveness of preparedness and response efforts by enhancing monitoring, mitigation and response measures</p> <p>13. Which of the following statements are correct about Anna Hazare</p> <p>1. Kisan Baburao Hazare, popularly known as Anna Hazare, is an Indian social activist who is especially recognized for his contribution to the development of Ralegan Siddhi, a village in Ahmednagar district, Maharashtra, India and his efforts for establishing it as a model village</p> <p>2. He is also one of the leading figures who championed the cause of Right to Information Act in India for his crusade towards fighting corruption in public offices</p> <p>(a) Only 1 is correct</p> <p>(b) Only 2 is correct</p> <p>(c) Both 1 and 2 are correct</p> <p>(d) Neither 1 nor 2 is correct</p> <p>14. The two major types of landslides are</p> <p>(a) Rotational slides and lateral landslides</p> <p>(b) Lateral and vertical landslides</p> <p>(c) Rotational slides and translational landslides</p> <p>(d) Translational and lateral landslides</p>	<p>15. Which of the following is the main factor of landslides in the Peninsular India namely in Western Ghat and Nilgiris</p> <p>(a) Torrential rainfall on the deforested slopes</p> <p>(b) Climatological conditions</p> <p>(c) Siesmic activity</p> <p>(d) Flooding</p> <p>16. Which of the following are the typical type of landslides?</p> <p>1. Lahar</p> <p>2. Mudflow</p> <p>3. Lateral spreads</p> <p>4. Topple</p> <p>(a) 1 and 4</p> <p>(b) 2 and 3</p> <p>(c) 2, 3 and 4</p> <p>(d) 1, 2, 3 and 4</p> <p>17. Which of the following statements are correct?</p> <p>1. The National Flood Control Programme was launched in 1954</p> <p>2. Rashtriya Barh Ayog (National Flood Commission) was set up in 1976</p> <p>(a) Only 1 is correct</p> <p>(b) Only 2 is correct</p> <p>(c) Both 1 and 2 are correct</p> <p>(d) Neither 1 nor 2 is correct</p> <p>18. Which of the following statements are correct about Earthquakes?</p> <p>1. It is the sudden shaking of the earth crust</p> <p>2. The impact of an earthquake is sudden</p> <p>3. It is almost impossible to predict an earthquake</p> <p>(a) 1 only</p> <p>(b) 1 and 2</p> <p>(c) 2 and 3</p> <p>(d) 1, 2 and 3</p> <p>19. The Bhuj earthquake which accounted for 13805 deaths occurred in</p>
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General Studies Paper I

<p>(a) January, 1998 (b) January, 1999 (c) January, 2000 (d) January, 2001</p> <p>20. The super cyclone in Orissa occurred in</p> <p>(a) October, 1999 (b) October, 2000 (c) October, 2001 (d) October, 2004</p> <p>21. Which of the following elements are the paradigm shift in the Government of India's approach to disaster management</p> <p>1. Development cannot be sustainable unless disaster mitigation is built into the development process 2. Mitigation has to be multi-disciplinary spanning across all sectors of development 3. Investments in mitigation are much more cost effective than expenditure on relief and rehabilitation</p> <p>(a) 1 only (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>22. Which of the following decade was declared as the International Decade for Natural Disaster Reduction with the objective to reduce loss of lives and property and restrict socio-economic damage through concerted international action, specially in developing countries</p> <p>(a) 1980-1990 (b) 1990-2000 (c) 2000-2010 (d) 2010-2020</p> <p>23. Which of the following is the nodal Ministry for all matters concerning disaster management</p> <p>(a) Ministry of Defence (b) National Development Council (c) Ministry of Home Affairs</p>	<p>(d) Ministry of Environment, Forests and Climate Change</p> <p>24. National Crisis Management Committee (NCCM) is headed by</p> <p>(a) Central Relief Commissioner (b) Deputy Chairman Planning Commission (c) Cabinet Secretary (d) Prime Minister</p> <p>25. Which of the following mechanism has been set up for handling disaster management</p> <p>1. Setting up of a National Contingency Action Plan (CAP) 2. Setting up of a Calamity Relief Fund (CRF) in each state</p> <p>(a) Only 1 (b) Only 2 (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>26. The Government of India contributes ---- of the corpus of the Calamity Relief Fund in each State</p> <p>(a) 25% (b) 50% (c) 75% (d) 80%</p> <p>27. The Disaster Management Act was enacted in the year</p> <p>(a) 2001 (b) 2003 (c) 2005 (d) 2007</p> <p>28. National Disaster Management Authority (NDMA) is headed by</p> <p>(a) Minister of Home Affairs (b) Minister of Environment and Forests (c) Prime Minister of India (d) President of India</p>
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General Studies Paper I

<p>29. The NDMA is mandated to deal with</p> <p>1. Natural disasters 2. Man mad disasters</p> <p>(a) Only 1 (b) Only 2 (c) Both 1 and 2 (d) None of the above</p> <p>30. Which of the following statements are correct about the The National Executive Committee</p> <p>1. The NEC is the executive committee of the NDMA 2. It comprises the Union Home Secretary as the Chairperson, and the Secretaries to the GOI in the Ministries</p> <p>(a) Only 1 is correct (b) Only 2 is correct (c) Both 1 and 2 (d) None of the above</p> <p>31. Which of the following statements are correct about the District Disaster Management Authority (DDMA)</p> <p>1. The DDMA will be headed by the District Collector 2. The elected representative of the local authority will act as the Co-Chairperson</p> <p>(a) Only 1 is correct (b) Only 2 is correct (c) Both 1 and 2 are correct (d) Neither 1 nor 2 is correct</p> <p>32. Which of the following have been set up under the National Disaster Act</p> <p>1. National Institute of Disaster Management (NIDM) 2. National Disaster Response Force (NDRF)</p> <p>(a) Only 1 (b) Only 2 (c) Both (d) None</p> <p>33. The National Spatial Data Infrastructure (NSDI) has been set up by</p>	<p>(a) ISRO (b) Bureau of Indian Standards (c) CDAC (d) Survey of India</p> <p>34. Which of the following's participation has been encouraged in the Disaster management</p> <p>1. Civil Defence 2. NCC 3. NYKS 4. NSS 5. Local NGOs</p> <p>(a) 1, 2 and 3 (b) 1, 3 and 4 (c) 2, 3 and 4 (d) 1, 2, 3 4 and 5</p> <p>35. Which of the following have been envisaged to play a significant role in the entire process, particularly in response and rescue operation, relief and rehabilitation, awareness generation and disaster preparedness and restoration of livelihood options</p> <p>(a) National Executive Council (b) NDMA (c) SDMA (d) Local authorities</p> <p>36. Which of the following has been set up as knowledge sharing platform on Disaster Management and to facilitate interaction and dialogue with related areas of expertise</p> <p>(a) India Disaster Resource Network (IDRN) (b) India Disaster Knowledge Network (IDKN) (c) National Instiute of Disaster management (NIDM) (d) All of the above</p> <p>37. How many flood forecasting stations on various rivers exist in the country</p> <p>(a) 136 (b) 146 (c) 156 (d) 166</p>
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General Studies Paper I

<p>38. Area Cyclone Warning Centres (ACWCs) have been set up by IMD at</p> <ol style="list-style-type: none">1. Calcutta2. Chennai3. Mumbai <p>(a) 1 only (b) 1 and 2 (c) 2 and 3 (d) 1, 2 and 3</p> <p>39. Cyclone Warning Centers (CWCs) have been set up by IMD at</p> <ol style="list-style-type: none">1. Vishakhapatnam2. Bhubaneswar3. Ahmedabad <p>(a) 1 only (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>40. A beginning in scientific flood forecasting was made by Central Water Commission when a Flood Forecasting Centre was set up at its Headquarters, at Delhi in</p> <p>(a) 1950 (b) 1955 (c) 1958 (d) 1960</p> <p>41. The National Centre for Medium Range Weather Forecasting (NCMRWF) functions under</p> <p>(a) Ministry of Water Resources (b) Ministry of Environment, Forests and Climate Change (c) Ministry of Earth Sciences (d) Ministry of Agriculture</p> <p>42. National water policy was enacted in the year</p> <p>(a) 1967 (b) 1977 (c) 1987 (d) 1997</p>	<p>43. Which of the following is the theme of this year of WORLD METEOROLOGICAL DAY 2014</p> <p>(a) Climate change and you (b) Weather and climate: engaging youth (c) Watching the weather to protect life and property (d) CLIMATE FOR You</p> <p>44. Which of the following statements are correct</p> <ol style="list-style-type: none">1. The frequency of the Tropical Cyclones in the Bay of Bengal is 4 to 5 times more than in the Arabian Sea2. About 35% of initial disturbances in the north Indian ocean reach Tropical Cyclones stage of which 45% become severe <p>(a) Only 1 is correct (b) Only 2 is correct (c) Both 1 and 2 are correct (d) Neither 1 nor 2 is correct</p> <p>45. Which of the following is the principal equipment for sounding in Tropical Cyclone forecasting</p> <p>(a) Doppler Radar (b) Mesosphere, stratosphere, troposphere (MST) Radar (c) Rawin Sonde (d) All of the above</p> <p>46. A mesosphere, stratosphere, troposphere (MST) radar has been installed at</p> <p>(a) Chennai (b) Pune (c) Calicut (d) Thirupatti</p> <p>47. Which of the following are the causes of flooding</p> <ol style="list-style-type: none">1. Erosion and silting2. Earthquakes3. Land slides <p>(a) 1 only (b) 1 and 2 (c) 1 and 3</p>
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General Studies Paper I

(d) 1, 2 and 3	(b) 1995
48. A High flood stage is when the water level of the river is	(c) 1996
(a) above the HFL but within 0.50 m of the HFL of the forecasting stations	(d) 1997
(b) below the HFL but within 0.50 m of the HFL of the forecasting stations	54. The Rio Declaration on Environment and Development contained how many principles
(c) below the HFL but within 0.75 m of the HFL of the forecasting stations	(a) 25
(d) below the HFL but within 1.00 m of the HFL of the forecasting stations	(b) 26
49. The Yokohama message pertains to	(c) 27
(a) Flood control management	(d) 28
(b) Cyclone control management	55. A blueprint for environment and development into the 21st century prepared at the Earth Summit, 1992 was called
(c) Earthquake mitigation	(a) Factor 10
(d) Disaster mitigation	(b) Blue Print 21
50. The basic responsibility for undertaking rescue, relief and rehabilitation measures in the event of a disaster is that of the	(c) Agenda 21
(a) Local authorities	(d) Action 21
(b) District authorities	56. Which of the following convention/commission came into being as a result of the Earth Summit, 1992 held at Rio de Janeiro, Brazil
(c) State Governments	1. United Nations Framework Convention on Climate Change (UNFCCC)
(d) Central Government	2. Convention on Biological Diversity (CBD)
51. Comprehensive Nuclear Test Ban Treaty was adopted in	3. The Commission on Sustainable Development (CSD)
(a) 1994	(a) 1 only
(b) 1995	(b) 2 only
(c) 1996	(c) 2 and 3
(d) 1997	(d) 1, 2 and 3
52. Kyoto Protocol was adopted in	57. The Rio summit was held after how many years of the first environment summit held in Stockholm
(a) 1995	(a) 10
(b) 1996	(b) 15
(c) 1997	(c) 20
(d) 1998	(d) 24
53. Rio + 5 Summit reviewed the implementation of Agenda 21 in	58. The size of ozone hole reached a new record, affecting the tip of
(a) 1994	(a) North Pole
	(b) Antarctica

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General Studies Paper I

<p>(c) South Australia (d) South America</p> <p>59. Cartagena Protocol adopted in 2000 is related to</p> <p>(a) Fossil fuels (b) Water security (c) Biosafety (d) Genetically modified crops</p> <p>60. Stockholm Convention on Persistent Organic Pollutants (POPs) was held in</p> <p>(a) 2000 (b) 2001 (c) 2002 (d) 2003</p> <p>61. Which of the following statements are correct</p> <p>1. The Global Environment Facility (GEF) was created in 1991 to generate ecological dividends from local and regional development by providing grants and low-interest loans to developing nations and economies in transition 2. It involved UNEP, UNDP and the World Bank</p> <p>(a) Only 1 is correct (b) Only 2 is correct (c) Both 1 and 2 are correct (d) Neither 1 nor 2 is correct</p> <p>62. The principle of 'common but differentiated responsibilities' was embraced by</p> <p>(a) CTBT (b) CBD (c) UNFCCC (d) Kyoto Protocol</p> <p>63. Which of the following statements are correct</p> <p>1. Global Reporting Initiative was created to establish a common framework for voluntary reporting of the environmental, economic and social performance of an organization (GRI 2001) 2. The GRI seeks to elevate enterprise-level sustainable development reporting to the same level of credibility, comparability and consistency as financial reporting</p>	<p>(a) Only 1 is correct (b) Only 2 is correct (c) Both 1 and 2 are correct (d) Neither 1 nor 2 is correct</p> <p>64. Warmest year of the millennium was</p> <p>(a) 1996 (b) 1997 (c) 1998 (d) 1999</p> <p>65. Rotterdam Convention on the Prior Informed Consent (PIC) Procedure for Certain Hazardous Chemicals and Pesticides in International Trade was adopted in</p> <p>(a) 1996 (b) 1997 (c) 1998 (d) 1999</p> <p>66. Global Compact on labour standards, human rights and environmental protection was launched in</p> <p>(a) 1997 (b) 1998 (c) 1999 (d) 2000</p> <p>67. Which of the following country announced its decision not to ratify the Protocol in early 2001</p> <p>(a) India (b) Russia (c) USA (d) UK</p> <p>68. Which of the following statements are correct about the Convention on Biological Diversity</p> <p>1. The CBD came into force in 1993 2. It was the first global agreement on the conservation and sustainable use of biodiversity and serves as a blueprint for national action</p> <p>(a) Only 1 is correct (b) Only 2 is correct</p>
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General Studies Paper I

<p>(c) Both 1 and 2 are correct</p> <p>(d) Neither 1 nor 2 is correct</p> <p>69. Which of the following constitutes the goal of the Convention on Biological Diversity</p> <ol style="list-style-type: none">1. The conservation of biological diversity2. The sustainable use of its components3. The fair and equitable sharing of the benefits from the use of genetic resources <p>(a) 1 and 2</p> <p>(b) 1 and 3</p> <p>(c) 2 and 3</p> <p>(d) 1, 2 and 3</p> <p>70. Which of the following convention has found widespread acceptability and has been signed by as many as 182 Governments</p> <p>(a) The Convention to Combat Desertification</p> <p>(b) Kyoto Protocol</p> <p>(c) The Convention on Biological Diversity</p> <p>(d) Convention on Persistent Organic Pollutants (POPs)</p> <p>71. Which of the following statements are correct</p> <ol style="list-style-type: none">1. The GRI was formed by the United States based non-profits Ceres and Tellus Institute, with the support of the United Nations Environment Programme (UNEP) in 19972. The GRI seeks to elevate enterprise-level sustainable development reporting to the same level of credibility, comparability and consistency as financial reporting <p>(a) Only 1 is correct</p> <p>(b) Only 2 is correct</p> <p>(c) Both 1 and 2 are correct</p> <p>(d) Neither 1 nor 2 is correct</p> <p>72. The Comprehensive Nuclear Test Ban Treaty will enter into force after how many days after the 44 States listed in Annex 2 to the Treaty have all ratified</p> <p>(a) 20</p> <p>(b) 40</p> <p>(c) 80</p> <p>(d) 120</p>	<p>73. Which of the following statements are correct</p> <ol style="list-style-type: none">1. Every three years the World Water Council organizes a World Water Forum2. The last World water forum was organized in 2012 in France <p>(a) Only 1 is correct</p> <p>(b) Only 2 is correct</p> <p>(c) Both 1 and 2 are correct</p> <p>(d) Neither 1 nor 2 is correct</p> <p>74. Which of the following statements are correct</p> <ol style="list-style-type: none">1. India signed the UNFCCC on 10 June 1992 and ratified it on 1 November 19932. Under the UNFCCC, developing countries such as India do not have binding GHG mitigation commitments in recognition of their small contribution to the greenhouse problem as well as low financial and technical capacities <p>(a) Only 1 is correct</p> <p>(b) Only 2 is correct</p> <p>(c) Both 1 and 2 are correct</p> <p>(d) Neither 1 nor 2 is correct</p> <p>75. The Kyoto Protocol requires developed countries and economies in transition listed in Annex B of the Protocol, to reduce their GHG emissions by an average of</p> <p>(a) 4.2% below 1990 levels</p> <p>(b) 5.2% below 1980 levels</p> <p>(c) 5.2% below 1990 levels</p> <p>(d) 6.2% below 1990 levels</p> <p>76. India acceded to the Kyoto Protocol in</p> <p>(a) 2000</p> <p>(b) 2001</p> <p>(c) 2002</p> <p>(d) 2004</p> <p>77. Which of the following statements are correct about the GHG inventory being developed by India as required by the Kyoto Protocol</p> <ol style="list-style-type: none">1. The GHG inventory for the country is being prepared for the base year 19942. It will cover five sectors: energy, industrial processes, agriculture, forestry, and waste
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General Studies Paper I

<p>(a) Only 1 is correct (b) Only 2 is correct (c) Both 1 and 2 are correct (d) Neither 1 nor 2 is correct</p> <p>78. Methane emissions from paddy cultivation in India is estimated to be about</p> <p>(a) 3 Tg/year (b) 4 Tg/year (c) 5 Tg/year (d) 6 Tg/year</p> <p>79. Which of the following facilitates the transfer of environmentally sound technology</p> <p>(a) NATCOM (b) CDAC (c) TIFAC (d) ISRO</p> <p>80. India is having a Climate Change Impacts Programme with</p> <p>(a) USA (b) Russia (c) France (d) UK</p> <p>81. Which of the following statements are correct about the Asia Least-cost Greenhouse Gas Abatement Strategy</p> <p>1. ADB executed the ALGAS Project that was funded by the Global Environment Facility (GEF) through the United Nations Development Programme (UNDP), ADB, the Government of Norway, and the governments of participating countries 2. The aim of ALGAS was to provide technical assistance to 12 Asian nations to meet their commitments under the United Nations Framework Convention on Climate Change (UNFCCC), to raise their awareness and to build their capacity to benefit from the financial mechanism for developing countries under the Kyoto Protocol (Clean Development Mechanism)</p> <p>(a) Only 1 is correct (b) Only 2 is correct (c) Both 1 and 2 are correct</p>	<p>(d) Neither 1 nor 2 is correct</p> <p>82. The UN defines mitigation in the context of climate change as a human intervention to</p> <p>1. Reduce the sources of greenhouse gases 2. Enhance the sinks of greenhouse gases</p> <p>(a) 1 only (b) 2 only (c) Either 1 or 2 (d) Neither 1 nor 2</p> <p>83. Most means of mitigation appear effective for</p> <p>1. Preventing further warming 2. Reversing existing warming</p> <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>84. Which of the following statements are correct</p> <p>1. The energy policy of the European Union has set a target of limiting the global temperature rise to 2° C (3.6° F) compared to preindustrial levels 2. Out of this 0.8° C has already taken place and another 0.5–0.7° C is already committed</p> <p>(a) Only 1 is correct (b) Only 2 is correct (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>85. The level of carbon dioxide is rising at ----- ppm annually</p> <p>(a) 1 (b) 1.5 (c) 1.75 (d) 2</p> <p>86. The 2° C rise is typically associated in climate models with a carbon dioxide equivalent concentration of</p> <p>(a) 300–400 ppm by volume (b) 400–500 ppm by volume (c) 500–600 ppm by volume</p>
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General Studies Paper I

<p>(d) 600–700 ppm by volume</p> <p>87. Which of the following are the renewable energy sources</p> <p>1. Wind 2. Sun 3. Biomass</p> <p>(a) 1 and 2 (b) 2 only (c) 1 and 3 (d) 1, 2 and 3</p> <p>88. Which of the following country has the 70 percent of the global total (180 GWth) solar power Worldwide</p> <p>(a) USA (b) China (c) France (d) India</p> <p>89. Renewable biofuels for transportation, such as ethanol fuel and biodiesel have contributed to a significant decline in oil consumption in</p> <p>(a) China (b) Japan (c) USA (d) Russia</p> <p>90. Nuclear power currently produces ----- of the world's electricity</p> <p>(a) 10-11% (b) 11-12% (c) 12-13% (d) 13-14%</p> <p>91. Which of the following has the least carbon footprint</p> <p>(a) Two wheeler (b) Car (c) Bicycles (d) Aeroplane</p> <p>92. Which of the following statements are correct</p>	<p>1. Burning methane which would otherwise be released into the atmosphere (such as at oil wells, landfills, coal mines, waste treatment plants etc.) provides a net greenhouse gas emissions benefit</p> <p>2. Methane is a significantly more powerful greenhouse gas than carbon dioxide and burning one molecule of methane generates one molecule of carbon dioxide</p> <p>(a) Only 1 is correct (b) Only 2 is correct (c) Both 1 and 2 are correct (d) Neither 1 nor 2 is correct</p> <p>93. Carbon sequestration is a term that describes processes that</p> <p>(a) reduce the generation of carbon from industries (b) increase the efficiency of carbon sinks such as forests (c) remove carbon from the atmosphere (d) capture carbon from the atmosphere and send it to carbon sinks</p> <p>94. The main natural process of Carbon sequestration is</p> <p>(a) Biotic life (b) Dense forests (c) Photosynthesis by plants and single-celled organisms (d) Rise of ocean levels</p> <p>95. Which of the following country was the first to start carbon capture and storage</p> <p>(a) USA (b) Russia (c) Norway (d) Austria</p> <p>96. The Kyoto Protocol came into force in</p> <p>(a) 1997 (b) 1998 (c) 2005 (d) 2007</p>
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Model Test Paper 4

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General Studies Paper I

<p>97. The first phase of the Kyoto Protocol expired in</p> <ul style="list-style-type: none">(a) 2011(b) 2012(c) 2013(d) 2015 <p>98. Which of the following statements are correct</p> <ol style="list-style-type: none">1. The Prototype Carbon Fund is a public private partnership launched by the World Bank2. It operates within the Kyoto Protocol's CDM <ul style="list-style-type: none">(a) Only 1 is correct(b) Only 2 is correct(c) Both 1 and 2 are correct(d) Neither 1 nor 2 is correct <p>99. The Global Methane Initiative (GMI) has been launched by</p> <ul style="list-style-type: none">(a) UNEP(b) IPCC(c) Voluntary(d) Sweeden <p>100. Which of the following statements are correct about the United Nations Climate Change Conferences?</p> <ol style="list-style-type: none">1. The United Nations Climate Change Conferences are yearly conferences held in the framework of the United Nations Framework Convention on Climate Change (UNFCCC)2. The first conference was held in 1995 in Berlin3. The COP 20 UN Climate change conference was held in Lima, Peru in Dcember 2014 <ul style="list-style-type: none">(a) 1 only(b) 1 and 2(c) 1 and 3(d) 1, 2 and 3	
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Model Test Paper 4

Special topics Covered: Disaster Management In India, Environment and Development and Mitigation Of Global Warming

General Studies Paper I

Answer Sheet

	A	B	C	D		A	B	C	D		A	B	C	D		A	B	C	D		A	B	C	D
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	61	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	81	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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