

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

**24-0007-AA**

**TEST BOOKLET**

**Maximum Marks: 200**

**Time Allowed: 2 hours**

**PAPER – I**

**INSTRUCTIONS TO CANDIDATES**

*Read the instructions carefully before answering the questions:*

1. This Test Booklet consists of **20 (twenty) pages** and has **100 (hundred) items (questions)**.
2. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BOOKLET **DOES NOT** HAVE ANY UNPRINTED, TORN OR MISSING PAGES, ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
3. **Please note that it is the candidate's responsibility to fill in the Roll Number and other required details carefully and without any omission or discrepancy at the appropriate places in the OMR Answer Sheet. Any omission/discrepancy will render the OMR Answer Sheet liable for rejection.**
4. Do not write anything else on the OMR Answer Sheet except the required information. Before you proceed to mark in the OMR Answer Sheet, please ensure that you have filled in the required particulars as per given instructions.
5. Use **only Black Ball Point Pen** to fill the OMR Answer Sheet.
6. This Test Booklet consists of **Multiple Choice-based Questions**. The answers to these questions have to be marked in the OMR Answer Sheet provided to you.
7. Each item (question) comprises of **04 (four) responses (answers)**. You are required to select the response which you want to mark on the OMR 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.
8. After you have completed filling in all your responses on the OMR Answer Sheet and the examination has concluded, you should hand over to the Invigilator **only the OMR Answer Sheet**. You are permitted to take the Test Booklet with you.
9. **Penalty for wrong answers in Multiple Choice-based Questions:**  
THERE WIL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE.
  - (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 the 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 the 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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- **Choose the correct answers for the following questions from the given options:**
- **Each question carries equal marks.**

1) Which among the following components are generally used in absorption refrigerators used in warehouses? Select the correct code from the options given below:

- (i) Hydrofluorocarbons
- (ii) Hydrochlorofluorocarbons
- (iii) Ammonia
- (iv) Hydrogen

- A) (i) (ii) and (iii)
- B) (ii) (iii) and (iv)
- C) (iii) and (iv)
- D) Only (iii)

2) Consider the following:

- (i) Community reserves
- (ii) Eco-sensitive zones
- (iii) Biosphere reserve

Which among the above are fixed in India as procedures fixed in various acts related to wildlife/environment protection? Select the correct code from the options given below:

- A) (ii) and (iii)
- B) (i) and (iii)
- C) Only (i)
- D) All of the above

3) The National's Voters Day is celebrated every year on which of these dates?

- A) 25<sup>th</sup> January
- B) 24<sup>th</sup> January
- C) 27<sup>th</sup> January
- D) 28<sup>th</sup> January

4) In recent times, digital signatures have become of immense value in internet related communications. What is/are uses of digital signatures?

- (i) By using digital signature, a sender cannot deny a message which he/she has sent to a receiver
- (ii) Digital system can be used as a legal proof to ensure that the message was sent by certain sender
- (iii) Digital signature is used for safe communication between two computers of a closed network
- (iv) Digital signature are required to send all e-mails and messages

Select the correct code from the options given below:

- A) Only (i)
- B) Only (i) and (ii)
- C) Only (i) (ii) and (iii)
- D) (i) (ii) (iii) (iv)

- 5) What is/are the objectives of using tubeless tyres in the aircrafts?  
(i) Improve the acceleration and braking performance of the aircraft  
(ii) To make them withstand shocks better  
(iii) To allow them withstand heat

Select the correct code from the options given below:

- A) Only (i)  
B) Only (i) and (ii)  
C) Only (ii) (iii)  
D) All of the above

- 6) Which of the following are the effects of noise pollution?  
(i) Hearing loss  
(ii) Fatigue  
(iii) Low blood pressure

Select the correct code from the options given below:

- A) Only (i) and (ii)  
B) Only (ii) and (iii)  
C) Only (i) and (iii)  
D) All of the above

- 7) Consider the following statements:  
(i) Revenue receipts are those receipts that do not lead to claim on the government  
(ii) Under government taxing system, a uniform rate of tax is charged across the different class of taxable groups

Which of the above statement(s) is/are correct? Select the correct code from the options given below:

- A) Only (i)  
B) Only (ii)  
C) Both (i) and (ii)  
D) Neither (i) nor (ii)

- 8) Which of the following stretches have been declared as National Waterways in India?  
(i) Allahabad - Haldia  
(ii) Dhubri - Sadiya  
(iii) Kottapuram - Kollam canal  
(iv) Kakinada - Puducherry canal

Select the correct code from the options given below:

- A) (i) (ii) and (iii)  
B) (i) (ii) and (iv)  
C) (ii) and (iii)  
D) All of the above

- 9) Which of the following is NOT a conservative force?  
A) Electrostatic force  
B) Magnetic force  
C) Force in elastic spring  
D) Frictional force
- 10) Which of the following instruments is used to measure the relative density of liquid?  
A) Hydrometer  
B) Hygrometer  
C) Lactometer  
D) Barometer
- 11) 'REWARD' program in India, which is an initiative taken by the Ministry of Rural Development, is assisted by which institution?  
A) WEF  
B) World Bank  
C) IMF  
D) WTO
- 12) 'Cyber Surakshit Bharat' is the initiative of which institution/ Union Ministry?  
A) NITI Aayog  
B) Ministry of Finance  
C) Ministry of Electronics and Information Technology  
D) Ministry of Science and Technology
- 13) With which Union Ministry is 'RAMP Program' associated?  
A) Ministry of Textiles  
B) Ministry of MSME  
C) Ministry of Power  
D) Ministry of Culture
- 14) Which country has banned domestic flights on short routes that can be covered by train?  
A) France  
B) USA  
C) UK  
D) Germany
- 15) What was the theme of the 'International Conference on Disaster Resilient Infrastructure (ICDRI) 2024', recently held in New Delhi?  
A) Investing today for a more resilient tomorrow  
B) Delivering resilient and inclusive infrastructure  
C) Situating resilient infrastructure  
D) Future-ready disaster resilient
- 16) 'Meri LIFE, Mera Swachh Sheher' campaign was launched by which of the following Union Ministries?  
A) Ministry of Jal Shakti  
B) Ministry of Housing and Urban Affairs  
C) Ministry of Commerce and Industry  
D) Ministry of MSME

- 17) The country that signed MOU with India for the development of Phukot Karnali Hydroelectric Project
- A) Bangladesh
  - B) Sri Lanka
  - C) Nepal
  - D) Myanmar
- 18) Which Article of the Indian Constitution requires the state governments to present their budget each year before the legislature?
- A) Article 51
  - B) Article 101
  - C) Article 303
  - D) Article 202
- 19) The National Single Window System for investors was developed by which of these institutes?
- A) SEBI
  - B) DPIIT
  - C) NITI Aayog
  - D) CBDT
- 20) Which country hosted the 'Machines Can See' 2023 Summit?
- A) India
  - B) USA
  - C) Israel
  - D) UAE
- 21) With which country is 'Seventeen Point Agreement' associated?
- A) Japan
  - B) Myanmar
  - C) Tibet
  - D) Nepal
- 22) Consider the following statements about solar flares:
- (i) Solar flares are powerful bursts of energy emitted from sunspots
  - (ii) Increase in solar activity is a part of the Sun's 11 year magnetic cycle
  - (iii) These flares are due to changes in the tectonic plates of Earth's crust
  - (iv) It can disturb Earth's ionosphere, which in turn disturbs radio communication
- Select the correct code from the options given below:
- A) Only (i)
  - B) Only (i) (ii) and (iii)
  - C) Only (i) (ii) and (iv)
  - D) All of the above

23) With which African country did India recently agree to enhance cooperation in energy and local currency settlement?  
A) Nigeria  
B) Kenya  
C) Tanzania  
D) Senegal

24) Which of the following space agencies is set to launch the 'TROPICS' mission?  
A) ISRO  
B) NASA  
C) JAXA  
D) ESA

25) In his work 'Poverty and Un-British Rule in India,' Dadabhai Naoroji pointed out which of the following reasons for poverty in India?

- (i) Home charges
- (ii) Money sent by British professionals to England
- (iii) Inflow of British capital in India
- (iv) India's population growth

Select the correct code from the options given below:

- A) Only (i) and (ii)
- B) Only (i) (ii) and (iv)
- C) Only (i) (ii) and (iii)
- D) None of the above

26) Who among the following was responsible for the revival of Hinduism in India in 19<sup>th</sup> century?

- A) Swami Dayanand
- B) Swami Vivekanand
- C) Guru Shankaracharya
- D) Raja Ram Mohan Roy

27) Which among the following was/were the impact(s) of British rule on peasantry?

- (i) Peasants had to pay revenue compulsorily to the zamindars
- (ii) They had to sell their produce at very low prices to pay the taxes
- (iii) Peasants were helped by the money lenders to fight against the zamindars
- (iv) Peasants were forced to grow cash crops

Select the correct code from the options given below:

- A) Only (i)
- B) Only (i) (ii) and (iv)
- C) Only (ii) and (iii)
- D) All of the above

- 28) From whom did the French East India Company acquire Pondicherry?  
A) The ruler of Golconda  
B) The Portuguese  
C) King of Mysore  
D) Sultan of Bijapur
- 29) Temi Tea Garden of Sikkim has adopted guidelines issued by the Institute of Marketology (IMO) of which country to produce organic tea?  
A) Switzerland  
B) Poland  
C) England  
D) Canada
- 30) What is the northernmost point of India located in the state of Jammu and Kashmir known as?  
A) Cape Comorin  
B) Indira Col  
C) Guhar Moti  
D) Pygmalion Point
- 31) Which of the following is NOT CORRECT about the Rajya Sabha?  
A) Rajya Sabha is a permanent body  
B) It was duly constituted for the first time on April 3, 1952  
C) Twelve of Rajya Sabha members are nominated by the President  
D) One-third of its members retire every year
- 32) Which of the following statements is INCORRECT?  
A) Members of Lok Sabha are directly elected by the eligible voters  
B) President nominates four members of Anglo-Indian community to Lok Sabha  
C) Money bills can be introduced in Lok Sabha  
D) The Vice President of India is the Ex-officio chairman of Rajya Sabha
- 33) In which of the following cases does property accrue to the government as there is no rightful owner?  
(i) Escheat  
(ii) Lapse  
(iii) Bona vacantia
- Select the correct code from the options given below:
- A) Only (i)  
B) Only (ii)  
C) All of the above  
D) None of the above
- 34) What is the other name for cardamom hills in Kerala?  
A) Sahyadris  
B) Nilgiris  
C) Yela Mala  
D) Annamalai

35) Fringing reefs are found in which of the following places in India?

- (i) Gulf of Kutch
- (ii) Gulf of Mannar
- (iii) Lakshadweep
- (iv) Andaman and Nicobar Islands

Select the correct code from the options given below:

- A) (i) (ii) and (iv) only
- B) (i) and (ii) only
- C) (iii) and (iv) only
- D) All of the above

36) Which of the following rivers forms the Kullu Valley?

- A) Shyok
- B) Gilgit
- C) Beas
- D) Ravi

37) Global warming is expected to result in which of the following?

- (i) Increase in sea level
- (ii) Change in crop pattern
- (iii) Change in coastal lines

Select the correct code from the options given below:

- A) Only (i)
- B) Only (i) and (iii)
- C) Only (ii) and (iii)
- D) All of the above

38) Consider the following statement:

Greenhouse effect is due to:

- (i) Human activities like burning of fossil fuels such as coal, gas and peat
- (ii) Carbon emissions from vehicles
- (iii) Methane and nitrous oxide emission from agriculture and heavy fertilizers

Select the correct code from the options given below:

- A) Only (iii)
- B) Only (i) and (ii)
- C) Only (ii) and (iii)
- D) All of the above

39) Which of the following eco-systems covers the largest area of the Earth's surface?

- A) Marine Eco-system
- B) Grassland Ecosystem
- C) Mountain Eco-system
- D) Desert Eco-system



- 40) The ozone hole was first discovered in 1985 in which continent?  
A) Africa  
B) Antarctica  
C) Europe  
D) North America
- 41) Huge holes left behind after mining are used for which of the following?  
A) Waste water storage  
B) Waste storage  
C) Waste disposal  
D) Domestic water storage
- 42) With which of the following is Basel Convention related to?  
A) Earth Summit  
B) Trans boundary movement of hazardous waste  
C) Ozone layer depletion  
D) Sustainable development
- 43) As per 'Lakdawala Formula' which among the following is/are accepted to estimate urban poverty?  
(i) Consumer price index for industrial labours  
(ii) Consumer price index for agricultural labours  
(iii) Wholesale price index
- Select the correct code from the options given below:
- A) Only (i)  
B) Only (ii)  
C) Only (i) and (iii)  
D) Only (i) and (ii)
- 44) A number of factors are responsible for poverty in India. Which of the following is NOT the economic factor contributing to poverty?  
A) Inequalities of income  
B) Mass illiteracy  
C) Low agricultural activity  
D) Fast rise in population
- 45) Which of the following statements are correct about Tundra Biome?  
(i) It is devoid of trees except stunted shrubs in the southern part  
(ii) Ground flora includes lichen, mosses and sedges  
(iii) Fauna is generally absent
- Select the correct code from the options given below:
- A) Only (i)  
B) Only (i) and (iii)  
C) Only (i) and (ii)  
D) None of the above

46) Consider the following statements regarding the speaker of any Indian legislative assembly. Which of the following are correct?

- (i) When a Lok Sabha is dissolved, the speaker does not leave immediately
- (ii) A speaker may quit his position at any time by writing under his hand addressed to the Deputy speaker, if he is a speaker or to a speaker if he/she is a deputy speaker
- (iii) Article 34 deals with the vacation, resignation and removal from the position of a speaker

Select the correct code from the options given below:

- A) Only (i)
- B) Only (i) and (ii)
- C) Only (ii) and (iii)
- D) All of the above

47) Which of the given schedules of the Indian Constitution includes the provision regarding Anti- defection law?

- A) Tenth schedule
- B) Sixth schedule
- C) Eleventh schedule
- D) Seventh schedule

48) Protection of life and personal liberty comes under which category of rights?

- A) Right to equality
- B) Right to freedom
- C) Right to education
- D) Right to constitutional remedies

49) Which of the following is not a correct statement with respect to Freedom of Speech and Expression in India?

- A) It is enshrined in Part 3 of the constitution
- B) It is not an absolute Right to Express one's thoughts freely
- C) It can be curtailed by legislature
- D) It can be suspended in emergency

50) The Supreme Court has made Right to Education as part of which of the rights given below?

- A) Cultural and Educational Rights
- B) Right against Exploitation
- C) Right to Freedom of Speech and Expression
- D) Right to Life

51) Apatani is a tribe from which of the following states of India?

- A) Himachal Pradesh
- B) Nagaland
- C) Sikkim
- D) Arunachal Pradesh

- 52) 'Selves' the dense tropical forests are located in -
- A) South America
  - B) North America
  - C) South Africa
  - D) Australia
- 53) Consider the following statements:
- In order to maintain ecological balance
- (i) Carbon production sources have to be reduced
  - (ii) Promote tree planting
  - (iii) Increase forest areas
  - (iv) Need to control population
- Select the correct code from the options given below:
- A) Only (i)
  - B) Only (i) (ii) and (iii)
  - C) Only (i) (ii) and (iv)
  - D) All of the above
- 54) The record of rare and endangered species of animals and plants are kept in which of the following documents?
- A) Green Data Book
  - B) Blue Data Book
  - C) Red Data Book
  - D) Meta Data
- 55) In April 2016, The National Green Tribunal suspended the Environmental Clearance given to the proposed hydropower project in Arunachal Pradesh to save which of the following?
- A) Gayals
  - B) Great Hornbills
  - C) Black-Necked cranes
  - D) Medicinal plants
- 56) What was the main objective of 'Mitti Bachao Andolan' which started in Madhya Pradesh in 1997?
- A) Protest against the hydroelectric power
  - B) Protest against water logging and salinity caused by Tawa dam
  - C) Prevent trees from being cut by logging company
  - D) Preserve people's culture and religious patrimony
- 57) Which water body forms the coast line of the country Iceland?
- A) Pacific Ocean
  - B) Atlantic Ocean
  - C) Arctic Ocean
  - D) Antarctic Ocean

- 58) Which country has introduced an AI-generated spokesperson, named Victoria Shi?  
A) Ukraine  
B) Iran  
C) Russia  
D) Canada
- 59) Sea marine heat waves in Lakshadweep have caused widespread \_\_\_\_\_  
A) Death of marine plants  
B) Coral bleaching  
C) Death of dolphins  
D) Rise in sea level
- 60) Which of the following is NOT CORRECT about the Indian cabinet system?  
A) The proceedings of the cabinet are kept secret  
B) The prime minister presides the cabinet meeting  
C) Members of the cabinet are chosen by prime minister  
D) Inner cabinet have been stipulated by our constitution
- 61) Amalgams are alloys which -  
A) are high colored  
B) contain mercury as one of the contents  
C) have greatest resistance to abrasion  
D) contain carbon
- 62) The bluish color of water in deep sea is due to the -  
A) presence of algae and other plant life in water  
B) reflection of sky in water  
C) absorption of light by the sea  
D) scattering of light
- 63) What are bio-chemical compounds used as?  
(i) Skin treatments  
(ii) Food preservatives  
(iii) Cooking oils
- Select the correct code from the options given below:
- A) Only (i)  
B) Only (ii)  
C) Only (i) and (iii)  
D) All of the above
- 64) Which of the following treatment is used for removal of biological impurities?  
A) Sedimentation  
B) Boiling  
C) Sterilization  
D) Distillation

65) Which ancient book around the 6<sup>th</sup> century BC dealt with pediatrics?

- A) Kashyapa Samhita
- B) Agnivesa Samhita
- C) Bhela Samhita
- D) None of the above

66) Consider the following list:

	<u>Space Centres</u>	<u>Places</u>
(i)	Vikram Sarabhai Space Centr	Trivandrum
(ii)	Satish Dhawan Space Centre	Sriharikota
(iii)	Indian Institute of Remote Sensing	Dehradun
(iv)	ISRO Propulsion Complex	Chandigarh

Which of the above combinations are correct? Select the correct code from the options given below:

- A) Only (i) and (ii)
- B) Only (i) (ii) and (iii)
- C) Only (ii) (iii) and (iv)
- D) All of the above are correct

67) Dengue is caused by Flavivirus. What is the vector of dengue fever?

- A) Aedes mosquito
- B) Anopheles mosquito
- C) Culex mosquito
- D) Cockroaches

68) Where did India tested its first atomic device in 1974?

- A) Bikaner
- B) Barmer
- C) Pokhran
- D) Jaisalmer

69) Which two socio-religious reform movements were founded in 1875 in India?

- A) Brahma Samaj and Prarthana Samaj
- B) Arya Samaj and Ramkrishan Mission
- C) Aligarh Movement and Servants of Indian Society
- D) Theosophical Society and Arya Samaj

70) Which movement got the support of both Hindus and Muslims?

- A) Non-cooperation Movement
- B) Quit India Movement
- C) Champaran Satyagraha
- D) Anti-partition Movement

71) Consider the following statements regarding Swadeshi movement:

- (i) Students played an important role in Swadeshi Movement
- (ii) Swadeshi Movement began in 1889
- (iii) People boycotted foreign goods
- (iv) Swadeshi Movement started in Bombay

Which of the above statements are NOT CORRECT? Select the correct code from the options given below:

- A) Only (i) and (ii)
- B) Only (iii) and (iv)
- C) Only (ii) and (iv)
- D) All of the above

72) Where was the first session of National Congress held?

- A) Lucknow
- B) Delhi
- C) Bombay
- D) Calcutta

73) Which of the following is/are the three tiers of Panchayati Raj recommended by Balwant Rai Mehta Committee?

- (i) Gram Panchayat
- (ii) Panchayat Samiti
- (iii) Zilla Parishad
- (iv) Nagar Panchayat

Select the correct code from the options given below:

- A) Only (i) (ii) and (iii)
- B) Only (i) (iii) and (iv)
- C) Only (i) (ii) and (iv)
- D) Only (ii) (iii) and (iv)

74) Which of the following states was the first to establish Panchayati Raj system?

- A) Andhra Pradesh
- B) Rajasthan
- C) Gujarat
- D) Madhya Pradesh

75) Which among the following are included in Nagar Panchayat?

- A) Notified Area Committee only
- B) Town Area Committee only
- C) Both Notified Area and Town Area Committee
- D) None of the above

76) Which article provides for reservation of seats for schedule castes and schedule tribes in every Panchayats?

- A) Article 143
- B) Article 43 A
- C) Article 240
- D) Article 243 D

77) Which among the following factor/factors affect the industrial location?

- (i) Government policy
- (ii) Relief
- (iii) Raw materials
- (iv) Climate

Select correct code from the options given below:

- A) Only (i) (ii) and (iii)
- B) Only (iii) and (iv)
- C) Only (i) and (iv)
- D) All of the above

78) Which among the following is/are correct about labour as an important factor of manufacturing:

- (i) The mobility of a labour is a factor contributing to dispersal of industry
- (ii) For the manufacturing activity, both cost and availability of labour is important

Select the correct code from the options given below:

- A) Only (i)
- B) Only (ii)
- C) Both (i) and (ii)
- D) Neither (i) nor (ii)

79) Highly mechanized farming led which of the following European countries to become the second largest farm exporters in the world?

- A) Netherlands
- B) Germany
- C) France
- D) Denmark

80) Which is the largest pastoral community in the world?

- A) Iran
- B) Ethiopia
- C) India
- D) Algeria

81) Consider the following statements:

Economic causes of migration are:

- (i) Need to improve economic status
- (ii) High unemployment
- (iii) Lack of liberty
- (iv) Access to better education

Select the correct code from the options given below:

- A) Only (i) (ii) (iii)
- B) Only (i) and (iv)
- C) Only (i) (ii) and (iv)
- D) All of the above

- 82) Which authority of India launched the 'Eat Right Movement' in 2018 to improve public health?
- A) FCI
  - B) NITI Aayog
  - C) ISI
  - D) FSSAI
- 83) India completed its military withdrawal from which country recently?
- A) Bangladesh
  - B) Maldives
  - C) Sri Lanka
  - D) Bhutan
- 84) What are 'Deadbots or 'Griefbots'?
- A) Chatbots to monitor health
  - B) Chatbots to emulate deceased individuals
  - C) Chatbots to harvest and extract relevant contents from websites
  - D) Chatbots to catch hackers
- 85) Consider the following statements:  
The ongoing protest in Ladakh has the following demands....
- (i) Statehood for Ladakh
  - (ii) Inclusion of Ladakh under 6<sup>th</sup> schedule of the Indian constitution
  - (iii) Reservation of jobs
- Select the correct code from the options given below:
- A) Only (i)
  - B) Only (i) and (ii)
  - C) (i) (ii) and (iii)
  - D) Only (ii)
- 86) The India-Myanmar-Thailand Trilateral Highway connects which Indian state with Myanmar and Thailand?
- A) Sikkim
  - B) Manipur
  - C) West Bengal
  - D) Assam
- 87) Finance Ministry imposed Anti-Dumping duty on import of which products from China, South Korea and Indonesia?
- A) Optical fiber
  - B) Electric products
  - C) Medical devices
  - D) Plastic toys



88) What does Article 23 and 24 of Indian constitution discuss?

- (i) Prohibition of forced labour
- (ii) Prohibition of domestic violation
- (iii) Prohibition of child labour
- (iv) Prohibition of practices of human trafficking

Select the correct from the options given below;

- A) Only (i) and (ii)
- B) Only (i) (iii) and (iv)
- C) Only (ii) (iii) and (iv)
- D) All of the above

89) Which Indian state is the largest producer of orchids?

- A) Meghalaya
- B) Assam
- C) Arunachal Pradesh
- D) Sikkim

90) By which among the following Acts the East India Company lost its monopoly of trade with China?

- A) The Charter Act of 1833
- B) Pitts India Act 1784
- C) The Charter Act of 1853
- D) The charter Act of 1813

91) What are the primary goals of sustainability?

- (i) To end poverty and hunger
- (ii) Inter-generational equity
- (iii) Better standards of education and health care
- (iv) Sustainable economic growth while promoting jobs and stronger economics

Select the correct code from the options given below:

- A) Only (i)
- B) Only (i) (ii) and (iii)
- C) Only (ii) and (iv)
- D) (i) (iii) and (iv)

92) What was India's SDG rank in world based on its performance in 2023?

- A) 110<sup>th</sup>
- B) 112<sup>th</sup>
- C) 120<sup>th</sup>
- D) 116<sup>th</sup>

93) 'The Great Plains', the largest prairie in the world is located in -

- A) Australia
- B) South America
- C) North America
- D) Africa

94) Kerala has been endemic to 'West Nile' virus for a long period of time which is a/an \_\_\_\_\_ disease.

- A) air-borne
- B) mosquito-borne
- C) water-borne
- D) None of the above

95) What is true regarding the seismic waves?

- A) These travel through the solid parts of the Earth
- B) These travel through liquids
- C) Seismic waves can cause storms on earth
- D) Seismic waves are caused due to volcanic eruptions

96) Which Indian organization has recently warned people about packaged food labels that can mislead consumers?

- A) FSSAI
- B) ISI
- C) ICMR
- D) NITI Aayog

97) Consider the following regarding Anti-defection law:

- (i) The 10<sup>th</sup> schedule of the Indian constitution is about Anti-defection law
- (ii) Defection has been defined as to abandon a position or association, often to join an opposing group
- (iii) Anti-defection law aims to prevent MPs from switching political parties
- (iv) Anti-defection law was established to ensure that a party member does not violate the mandate of the party and incase he/she does so he/she will lose his membership of the House. The law applies to both parliament and state assemblies

Select the correct code from the options given below:

- A) Only (i) and (ii)
- B) Only (i) (iii) and (iv)
- C) Only (iv)
- D) All of the above

98) What is demographic transition?

- (i) It refers to a process of change in a population's birth and death rates and patterns over time
- (ii) A society moves from a high fertility, high mortality regime to a low fertility and low mortality regime
- (iii) Birth rate falls but still population continues to grow and becomes stable in a period of time

Select the correct code from the options given below:

- A) Only (i) and (ii)
- B) Only (ii) and (iii)
- C) All of the above
- D) None of the above

99) Which among the following element in the human body/organ makes the main basis of the working of the MRI (Magnetic Resonance Imaging)?

- A) Hydrogen
- B) Nitrogen
- C) Calcium
- D) Sodium

100) Consider the following statements:

Factors that cause insulation at the surface of the Earth:

- (i) The rotation of the Earth on its axis
- (ii) The angle of inclination of the Sun's rays
- (iii) The length of the day
- (iv) The amount of rainfall on Earth's surface

Select the correct code from the options given below:

- A) Only (i) and (ii)
  - B) Only (ii) (iii) and (iv)
  - C) Only (iii) and (iv)
  - D) Only (i) (ii) and (iii)
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