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

R.C. Reddy IAS Study Circle
TEST BOOKLET
GRAND TEST-02
General Studies

Time Allowed : Two Hours

Maximum Marks: 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS 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. ENCODE CLEARLY THE TEST BOOKLET SERIES A, B, C OR D AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET.
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.

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4. This Test Booklet contains 100 items (questions). Each item is printed in English. 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. See directions in the Answer Sheet.
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 (0.33) 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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1. Which of the following duties of citizens form a part of Fundamental Duties under Art.51A?

1. Duty to provide early childhood care and education to the child till the age of six years.
2. Duty to render national service whenever called upon to do so.
3. Duty to pay taxes.
4. Duty to develop scientific temper.

Select the correct answer using the code below.

- (a) 1 and 3 only (b) 2 and 4 only
(c) 1, 2 and 4 only (d) 1, 2, 3 and 4

2. Consider the statements regarding Ramakrishna Mission:

1. Ramakrishna mission was founded by Swami Vivekananda.
2. Ramakrishna mission was a deeply religious body and considered itself a sect of Hinduism.
3. Swami Vivekananda rejected materialism of west and favored spiritualism of east to produce happiness for mankind.

Which of the statements given above is/are correct?

- (a) 1 only (b) 1 and 2 only
(c) 2 and 3 only (d) 1 and 3 only

3. Consider the following statements regarding a crop.

1. This crop requires moderate temperature and rainfall during growing season and bright sunshine at the time of harvest.
2. It thrives best in well-drained loamy soil.
3. In India, it is grown in winter.

Identify the crop based on the above conditions.

- (a) Cotton (b) Wheat
(c) Maize (d) Groundnut

4. Consider the following statements:

1. If one country has higher inflation than another, its currency should ideally be appreciating.
2. If aggregate demand of a country grows faster than the rest of the world, its currency should ideally be depreciating.

Which of the statements given above is/are correct?

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

5. In India, problem of declining soil fertility can be tackled with which of the following conservation measures?

1. Contour ploughing.
2. Construction of bunds along gullies.
3. Promoting shifting cultivation.
4. Application of cow dung and gypsum.
5. Formation of wind breaks.

Select the correct answer using the code given below.

- (a) 1, 2 and 3 only
(b) 1, 2, 4 and 5 only
(c) 2, 4 and 5 only
(d) 1, 2, 3, 4 and 5

6. Muhammad Bin Tughlaq is called an illstarred Idealist by the historians. Which of the following initiatives were taken by him?

1. Introduction of token currency
2. Shifting of capital from Delhi to Daultabad
3. Khurasan Project

Select the correct answer using the code given below.

- (a) 1 and 2 only (b) 1 and 3 only
(c) 2 and 3 only (d) 1, 2 and 3

7. Consider the following statements regarding Quantum dots

1. They are semiconductor materials of nanometre dimensions
2. They convert light into nearly any color in the visible spectrum with very high efficiency
3. They may also be used to emit white light for backlighting laptop computer screens.

Which of the above statements are correct :

- (a) 1 and 2 only (b) 2 and 3 only
(c) 1 and 3 only (d) 1, 2 and 3

- 8.** Consider the following statements regarding Van Dhan Vikas Karyakram.
1. Van Dhan Vikas Karyakram is an initiative targeting livelihood generation for tribal population by harnessing the wealth of forest.
 2. The programme aims to tap into the traditional knowledge and skill sets of tribal people by adding technology and Information Technology.
 3. Implementation of Van Dhan Vikas Karyakram is through Van Dhan Kendras.
- Which of the above statements is/are correct?
- (a) 1 and 2 only (b) 1 and 3 only
(c) 2 and 3 only (d) 1, 2 and 3
- 9.** What is the name the Operation launched by the Border Security Force (BSF) to fortify Anti-Infiltration Grid along the Pakistan border in Punjab and Jammu .
- (a) Operation Steeplechase
(b) Operation Vijay
(c) Operation Sudarshan
(d) Operation Polo
- 10.** NIRVIK Scheme, recently in news is related to
- (a) Pension scheme for retail traders and self-employed persons
(b) Provide enhanced insurance cover and reduce premium for exporters.
(c) National public procurement programme
(d) Assistance to States for creating Infrastructure for the Development and growth of Exports
- 11.** Which of the following process concludes the enactment of budget?
- (a) Passing of the Finance Bill
(b) Passing of the Appropriation Bill
(c) Voting on Demands for Grants
(d) Vote on account
- 12.** Who among the following are associated with the Indian National Army?
1. Shah Nawaz Khan
 2. Rashbehari Bose
 3. Prem Kumar Sehgal
 4. Bhulabhai Desai
- Select the correct answer using the code given below:
- (a) 1 and 2 only (b) 1, 2 and 3 only
(c) 3 and 4 only (d) 1, 2, 3 and 4
- 13.** Which among the following are cold currents?
1. Kamchatka current
 2. West Australian current
 3. West wind drift
- Select the correct answer using codes given below.
- (a) 1 and 3 (b) 2 and 3
(c) 1 and 2 (d) 1, 2 and 3
- 14.** With reference to GDP deflator, a measure of general price inflation, consider the following statements:
1. GDP deflator is more comprehensive measure of inflation than consumer price index and wholesale price index.
 2. Unlike WPI and CPI, monthly change in inflation cannot be tracked using GDP deflator.
 3. A GDP deflator value of zero implies no change in price levels from the base year.
- Which of the statements given above is/are correct?
- (a) 1 only (b) 1 and 2 only
(c) 2 and 3 only (d) 1, 2, and 3
- 15.** Consider the following statements with regard to carbon monoxide gas:
1. It is a foul odour gas which smells like rotten egg.
 2. It is produced as a result of incomplete combustion of carbon.
 3. Paddy field is an important source of carbon monoxide.
- Which of the statements given above is/are correct?
- (a) 1 and 3 only (b) 2 only
(c) 1, 2 and 3 (d) 2 and 3 only
- 16.** Which of the following statements about Sufi silsilahs is/are correct?
1. They highlighted the atmosphere of religious tolerance by speaking about the universal love in quest of the Almighty.
 2. In India, the Chishti silsilah was founded by Khwaja Muinuddin Chishti.
 3. Unlike the Suhrawardis, the Chishti saints maintained close contacts with the state.

Select the correct answer using the code given below.

- (a) 1 and 3 only
- (b) 2 and 3 only
- (c) 2 only
- (d) 1 and 2 only

17. The government had launched National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS). CPS and its associated technologies include:

- 1. Artificial Intelligence (AI)
- 2. Big Data Analytics
- 3. Quantum Computing
- 4. Cyber Security for physical infrastructure

Select the correct answer using the codes given below:

- (a) 1, 2 and 3 only
- (b) 2, 3 and 4 only
- (c) 1, 2 and 4 only
- (d) 1, 2, 3 and 4

18. Consider the following statements regarding 'MANAV: Human Atlas Initiative.'

- 1. It is launched by Department of Science and Technology
- 2. It aims to create an open and interactive atlas of human biology, compiling, curating and synthesizing data at the molecular, cellular, tissue and organismic level.

Which of the above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

19. Consider the following statements regarding Pradhan Mantri Kisan Maan Dhan Yojana. (PM-KMY)

- 1. It is an old age pension scheme for all Farmers in the country.
- 2. It is a voluntary and contributory pension scheme for the entry age group of 18 to 40 years.

Which of the above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

20. Consider the following countries:

- 1. China
- 2. Japan
- 3. India
- 4. Australia
- 5. South Korea

Which among the above countries are associated with the ASEAN led Regional Comprehensive Economic Partnership (RCEP)?

- (a) 1 and 2 only
- (b) 1, 3, 4 and 5 only
- (c) 2, 4 and 5 only
- (d) 1, 2, 3, 4 and 5

21. Which of the following duties have been constitutionally prescribed for the Centre?

- 1. To protect every state against external aggression and internal disturbance.
- 2. To ensure that corruption and mal-administration do not affect state governments.

Select the correct answer using the code given below.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

22. The nationalist demand for a constituent assembly was for the first time conceded by the British Government, though indirectly and with reservations in the:

- (a) Cripps Proposal
- (b) August Offer
- (c) Cabinet Mission Plan
- (d) Act of 1935

23. Which of the following states border Uttar Pradesh?

- 1. Chhattisgarh
- 2. Himachal Pradesh
- 3. Haryana
- 4. Punjab

Select the correct answer using the codes given below.

- (a) 1, 2, 3 and 4
- (b) 2 and 4 only
- (c) 1 and 3 only
- (d) 1, 2 and 3 only

- 24.** Which among the following are generally known as the 'twin deficit'?
- Revenue deficit and current account deficit
 - Revenue deficit and capital account deficit
 - Fiscal deficit and current account deficit
 - Fiscal deficit and capital account deficit
- 25.** With reference to the Wildlife (Protection) Act 1972, consider the following statements:
- It was enacted to fulfil India's international obligation under the Convention on Biological Diversity.
 - As per the law only 'a part of the wild animal' is considered as a wildlife trophy.
 - A person can keep the wildlife trophy with the written permission of a Chief Wildlife Warden.
- Which of the statements given above is/are correct?
- 1 only
 - 2 and 3 only
 - 3 only
 - 1, 2 and 3
- 26.** The terms Rekhapida, Pidhadeul and Khakra are associated with
- Sangam Literature
 - Temple Architecture of Odisha
 - Folk Dance of Manipur
 - Puppetry of Kerala
- 27.** Consider the following statements regarding Goldilocks zone.
- Goldilocks zone, is the area around a star where it is not too hot and not too cold for liquid water to exist on the surface of surrounding planets.
 - Earth is the only planet in the Sun's Goldilocks zone.
 - If a planet is in the Goldilocks Zone of a star, it necessarily means the planet is going to have life or liquid water.
- Which of the above statements is/are correct?
- 1 only
 - 1 and 2 only
 - 1 and 3 only
 - 1, 2 and 3
- 28.** Consider the following statements regarding National Population Register (NPR).
- It is mandatory for every usual resident of India to register in the NPR.
 - A usual resident is defined as a person who has resided in a local area for the past 6 years or more or a person who intends to reside in that area for the next 6 years or more.
 - The NPR is undertaken under the provisions of The Citizenship Act, 1955.
- Which of the above statements is/are correct?
- 1 and 2 only
 - 1 and 3 only
 - 2 and 3 only
 - 1, 2 and 3
- 29.** Name the head of the committee, which submitted draft national education policy 2019 recently.
- Mohammad Saadulla
 - N. Gopalaswami
 - Dr. Kasturirangan
 - Alladi Krishnaswami Ayyar
- 30.** Momentum for Change' is an initiative of
- UN Climate Change secretariat
 - UNEP
 - World Bank
 - UNICEF
- 31.** Which of the following was/were the implications of the 73rd Constitutional Amendment Act?
- Constituting Panchayats became mandatory for states.
 - Fixing tenure of five years for Panchayats at all levels was made mandatory.
- Select the correct answer using the code given below.
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
- 32.** Which of the following was also called "Delhi Chalo" movement ?
- Non-Cooperation movement
 - Civil disobedience movement
 - Quit India movement
 - Individual Satyagraha

- 33.** Consider the following statements regarding sedimentary rocks
1. In many sedimentary rocks, the layers of deposits retain their characteristics even after lithification.
 2. Lithification is the process by which deposits through compaction turn into rocks.
- Choose correct statements from the following codes
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2
- 34.** Core inflation shows price rise in all goods and services excluding
- (a) Energy and food articles
 - (b) Manufacturing goods
 - (c) Unorganized sector services
 - (d) Energy commodities
- 35.** With reference to Phytoplankton consider the following statements:
1. It has a great role in making the ocean the largest carbon sink.
 2. They are the primary producers in aquatic food chain.
- Which of the above statement(s) is/are incorrect?
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2
- 36.** With reference to Rajatarangini, consider the following statements:
1. Rajatarangini, written by Kalhan gives a historical account of various dynasties that ruled the regions in Ganga basin.
 2. The book, written in Sanskrit focuses only on praising various kings in glowing terms.
- Which of the statements given above is/are correct?
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2
- 37.** Consider the following statements regarding Coronavirus.
1. Coronaviruses (CoV) are a large family of viruses that cause illnesses ranging from the common cold to more severe diseases such as the Middle East Respiratory Syndrome and Severe Acute Respiratory Syndrome.
 2. A novel coronavirus (nCoV) is a new strain that has not been previously identified in humans.
 3. WHO has declared it as pandemic
- Which of the above statements is/are correct?
- (a) 1 and 2 only (b) 1 and 3 only
(c) 2 and 3 only (d) 1, 2 and 3
- 38.** Torrefaction, recently seen in news is related to
- (a) Farm extension services and mechanization
 - (b) Management of pesticides and plant quarantine
 - (c) Converting biomass into a coal-like material
 - (d) None of the above
- 39.** With reference to PM Kisan Maan Dhan Yojana consider the following statements
1. All the farmers between the age group of 18-40 years are eligible
 2. LIC is the pension fund manager
 3. Farmers enrolled under PM Laghu Vyapari Maan-Dhan Yojana are not eligible
- (a) 1 and 2 only (b) 2 and 3 only
(c) 1 and 3 only (d) 1, 2 and 3
- 40.** According to Economic Survey 2019-20, arrange in the decreasing order, India's top five exports.
1. Gold and precious metals
 2. Drug formulations and biologicals
 3. Petroleum products
 4. Precious stones
 5. Iron and steel
- Select the correct answer code:
- (a) 1-2-3-4-5 (b) 3-4-2-1-5
(c) 4-3-2-1-5 (d) 3-4-1-2-3
- 41.** With reference to Vice-President, consider the following statements:
1. In order to be eligible for election, a person should be qualified for election as a member of the Rajya Sabha.
 2. There is no specific provision in the Indian Constitution regarding re-election of Vice-President.
- Which of the statements given is/are correct?
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

- 42.** Consider the following statements with reference to the Swarajists.
1. Their 'Council Entry Programme' was intended to obstruct functioning of councils and expose the hollowness of constitutional reforms.
 2. Elections were held under the Act of 1919.
 3. Swarajists left the legislature at the beginning of Civil Disobedience Movement.
- Which of the statements given above are correct?
- (a) 1 and 2 only (b) 1, 2 and 3
(c) 2 and 3 only (d) 1 and 3 only
- 43.** Which of the following ports are natural harbours ?
1. Mumbai Port
 2. Mannagao Port
 3. Kochchi Port
 4. Chennai Port
- Select the correct answer using the code given below.
- (a) 1 only
(b) 1, 2 and 3 only
(c) 2, 3 and 4 only
(d) 3 and 4 only
- 44.** The Fiscal Responsibility and Budget Management (FRBM) Act aimed at
1. eliminating both revenue deficit and fiscal deficit
 2. making monetary policy independent of fiscal policy
- Which of the statement(s) given above is/are correct ?
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2
- 45.** Which of the following statements are NOT correct regarding Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)?
1. It is an international agreement between governments.
 2. It aims to protect only fauna.
 3. The convention aims to prohibit trade of endangered species.
- Select the correct answer using the code given below.
- (a) 1 and 2 only (b) 1 and 3 only
(c) 2 only (d) None of the above
- 46.** Which of the following works is not associated with Astronomy?
- (a) Panca Siddhantika
 - (b) Brahmasphuta Siddhanta
 - (c) Siddhanta Siromani
 - (d) All are associated with Astronomy
- 47.** With reference to India's geographical information system 'Bhuvan', consider the following statements:
1. Bhuvan offers detailed imagery of Indian locations with resolution of up to one meter.
 2. It allows users to view 2D and 3D images along with information on terrain and water resources.
 3. It acts as a platform for hosting government data and could be used a tool for urban design, contour mapping and mapping.
- Which of the statements given above is/are correct?
- (a) 1 and 3 only (b) 2 only
(c) 1 and 2 only (d) 1, 2 and 3
- 48.** Innovative Drone-delivery Project "Medicine From The Sky" is being launched in
- (a) Tamil Nadu
 - (b) Rajasthan
 - (c) Gujrat
 - (d) Telangana
- 49.** Consider the following statements regarding Defence Institute of High Altitude Research (DIHAR):
1. It is a constituent laboratory of DRDO.
 2. It aims to promote high altitude and agro-animal research in cold-arid regions.
- Which of the above statements is/are correct?
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2
- 50.** Composite Water Management Index (CWMI) is released by
- (a) Niti Aayog
 - (b) Central Water Commission
 - (c) Jal Shakti Ministry
 - (d) Both a) and c)

- 51.** Consider the following statements:
- In case of a conflict between a central law and a state law on a subject in the concurrent list, the central law always prevails over the state law.
 - The power to make laws with respect to residuary subjects lies with states.
- Which of the statements given above is/are correct?
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2
- 52.** Which of the following were part of "Home Charges"
- Pensions to British Indian officials and army officers.
 - Remittances to England by British officers
 - Costs incurred by Secretary of State's India office
- Select the correct answer using the codes given below.
- (a) 1 and 2 only
(b) 1, 2 and 3
(c) 2 and 3 only
(d) 1 and 3 only
- 53.** With reference to acidic lava, consider the following statements :
- they are viscous and flow slowly
 - they form a flattened lava dome
- Which of the statements given above is/are correct ?
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2
- 54.** More than 3 billion people in the World suffer from "Hidden Hunger". It can be caused due to the deficiencies of
- Micronutrients
 - Proteins
 - Vitamins
- Choose the correct answer using the codes below.
- (a) 1 and 2 only (b) 2 and 3 only
(c) 1 only (d) 1, 2 and 3
- 55.** For a chemical to undergo bio magnification, it must be:
- short lived
 - mobile and biologically active
 - soluble in water
- Select the correct answer using the code given below
- (a) 1 and 2 only (b) 2 only
(c) 3 only (d) 1, 2 and 3
- 56.** The Indus Valley people were acquainted with the art of?
- Measurement
 - Spinning
 - Navigation
- Select the correct answer using the code given below.
- (a) 1 and 2 only
(b) 2 and 3 only
(c) 1, 2 and 3 only
(d) 1 and 3 only
- 57.** Consider the following statements regarding Geosynchronous Satellite Launch Vehicle Mark III (GSLV-III).
- GSLV Mk III is a three-stage heavy lift launch vehicle developed by ISRO.
 - It is designed to carry 10 tons of satellites to Low Earth Orbit (LEO).
 - The GSLV Mk III will be the launch vehicle for Gaganyaan.
- Which of the statements given above is/are correct?
- (a) 1 and 3 only (b) 2 only
(c) 1 and 2 only (d) 1, 2 and 3
- 58.** The fifth international Dharma-Dhamma conference was held at:
- Rajgir, Bihar
 - Bodh Gaya, Bihar
 - Nagarjunasagar, Telangana
 - Sanchi, Madhya Pradesh
- 59.** Consider the following statements regarding 'GEMINI' system
- It is the deliberate addition of one or more micronutrients to food so as to correct or prevent a deficiency and provide a health benefit.
 - In India, all fortified food products should carry an '+F' logo
- Which of the above statements is/are correct?
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2
- 60.** Consider the following statements about Accredited Social Health Activist (ASHA) workers:
- They are community health workers instituted by Ministry of Women and Child Development.
 - It is mandatory that ASHA workers must be qualified up to 10 standard.
 - They are authorized to perform minor operations in case of emergency.

Which of the statements given above is/are correct?

- (a) 1 and 3 only (b) 2 and 3 only
(c) 2 only (d) None

61. With reference to Cabinet Committees, consider the following statement:

1. The establishment of cabinet committees is provided under Indian Constitution.
2. The Non-cabinet members can become members of cabinet committees.
3. All cabinet committees are headed by Prime Minister.

Which of the statements given is/are correct?

- (a) 1 and 2 only (b) 2 only
(c) 1 and 3 only (d) 1, 2 and 3

62. When the Indian Muslim League was inducted into the interim government in 1946, Liyaqat Ali Khan was assigned the portfolio of

- (a) Foreign affairs
(b) Home
(c) Finance
(d) Defence

63. Cherrapunji and Mawsynram records very high annual rainfall. This is because

- (a) they receive rainfall from both bay of bengal branch and arabian sea branch
(b) the monsoon winds are trapped within a funnel shaped valley in this region
(c) they receive both cyclonic and monsoon rainfall
(d) None of the above

64. The official rate of interest charged by the Reserved Bank of India on loans to other banks is called :

- (a) Repo Rate
(b) Reverse Repo Rate
(c) Bank Rate
(d) Prime Lending Rate

65. With reference to the role of various gases in the atmosphere, consider the following statements:

1. Ozone in troposphere is harmful for human beings.
2. Nitrogen is used for manufacture of fertilizers.
3. Carbon dioxide absorbs infra-red rays and keeps the earth warm.

Which of the statements given above is/are correct?

- (a) 1 and 2 only (b) 1 and 3 only
(c) 3 only (d) 1, 2 and 3

66. With reference to Naqshbandi school of Sufi movement in India, consider the following statements:

1. The school propounded the concept of unity of God who created humanbeings.
2. The school opposed the use of music in religious gatherings and visiting tombs of saints.

Which of the statements given above is/are correct?

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

67. Consider the following statements regarding Golden Rice.

1. Golden rice is claimed to be able to fight Vitamin A deficiency, which is the leading cause of blindness among children.
2. Golden Rice is provided in the Mid-Day Meal programme in regions with high malnutrition among children.

Which of the statement given above is/are correct?

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

68. Consider the following statements regarding human Deoxyribonucleic Acid (DNA)

1. It is in double helical structure
2. It can be found only in Cell nucleus
3. It carries genetic information required for growth and development

Which of the above statements is/are correct?

- (a) 1 and 2 only (b) 1 and 3 only
(c) 2 and 3 only (d) 1, 2 and 3

69. Consider the following statements regarding food fortification

1. It is the deliberate addition of one or more micronutrients to food so as to correct or prevent a deficiency and provide a health benefit.
2. In India, all fortified food products should carry an '+F' logo

Which of the above statements is/are correct?

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

70. Which of the following ministries are responsible for the implementation of Pradhan Mantri Krishi Sinchayee Yojana?

1. Ministry of Water Resources, River Development and Ganga Rejuvenation.
2. Ministry of Rural Development
3. Ministry of Agriculture
4. Ministry of Chemicals and Fertilizers
5. Ministry of Drinking Water and Sanitation

Select the correct answer using code given below.

- (a) 1, 2 and 3 only
(b) 1, 3 and 5 only
(c) 2, 3, and 4 only
(d) 1, 4 and 5 only

71. With reference to the Global Competitiveness Report, consider the following statements:

1. It is published by the United Nations Development Programme.
2. It publishes a competitive index for all the UN member countries.
3. In the recent report, India is worst performing among BRICS nations.

Which of the statements given above is/are correct?

- (a) 1 and 2 only (b) 3 only
(c) 1, 2 and 3 (d) None

72. Recently, Ujh and Basantar Bridges in Jammu and Kashmir were inaugurated. In this context consider the following statements

1. They were constructed by Border Roads Organisation under Project Sampark
2. These bridges will provide smooth connectivity and are vital for the Army for deployment on border areas.

Which of the above statements is/are correct?

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

73. What does LIGO stand for?

- (a) Light interference geometry observations
(b) Laser interferometer gravitational wave observatory
(c) Laser interference gravity observatory
(d) Light interferometer gravitational wave observatory

74. Consider the following statements regarding 5G Technology.

1. 5G is the next generation cellular technology that will provide faster and more reliable communication with high latency.
2. The Indian government has launched a three-year programme to advance innovation and research in 5G.
3. Once 5G becomes commercial, users will be required to change their current devices in favour of 5G-enabled ones.

Which of the above statements is/are correct?

- (a) 1 and 3 only (b) 1 and 2 only
(c) 2 and 3 only (d) 1, 2 and 3

75. Lord Shiva's image is sometime shown with three heads like the image of Maheshmurti at Elephanta caves. It symbolizes what?

- (a) different forms of Shiva which includes Bhairava, Uma and Shiva himself.
(b) fierce, peaceful and feminine forms of Shiva.
(c) presence of Shiva in all directions.
(d) Both the statements (a) and (b) are correct in this context.

76. Which of the following are non-point sources of pollution in rivers?

1. Surface drains carrying municipal sewage
2. Run-off from agricultural fields
3. Dumping of un-burnt/half-burnt dead bodies
4. Dhobi ghats
5. Effluents from industries

Select the correct answer using the code given below.

- (a) 1, 4 and 5 only
(b) 2 and 3 only
(c) 2, 3 and 4 only
(d) 1, 2, 3 and 4 only

77. Which of the following is/are true in connection with Special Drawing Rights (SDRs) ?
1. The SDR quota in IMF is different for different countries.
 2. It is calculated as the weighted sum of the values in dollars of four currencies namely euro, USA's dollar, Japanese yen and UK's pound sterling
- Which of these is/are correct?
- (a) Both 1 and 2 (b) 2 only
(c) 1 only (d) Neither 1 nor 2
78. Which is the correct order of Islands from North to South in Nicobar Islands?
- (a) Car Nicobar, Little Nicobar, Great Nicobar
 - (b) Great Nicobar, Little Nicobar, Car Nicobar
 - (c) Great Nicobar, Car Nicobar, Little Nicobar
 - (d) Little Nicobar, Car Nicobar, Great Nicobar
79. Who persuaded the ratings of RIN to surrender on 23rd February 1946?
1. Vallabhbhai Patel
 2. Aruna Asaf Ali
 3. MA Jinnah
 4. Atchyut Patwardhan
- Select the correct answer using the codes given below
- (a) 2 only (b) 2 and 3
(c) 1 and 3 (d) 4 only
80. The President can be impeached for:
- (a) Violating the Constitution
 - (b) Disregarding the Parliament
 - (c) For not abiding by the advice of the Prime Minister
 - (d) All of the above
81. With reference to National emergency, consider the following statements:
1. It can be declared even if security of India is not under threat, but there is a case of imminent danger.
 2. If once proclaimed, it is applicable to the whole of Indian Territory.
- Which of the statements given above is/are correct?
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2
82. Which one of the following statements is NOT correct?
- (a) Gopala Krishna Gokhale, gave Jinnah the title of "Ambassador of Hindu-Muslim Unity".
 - (b) At the 1907 Surat session, Extremists introduced the swaraj, swadeshi, boycott and national education resolutions.
 - (c) After Surat Split in 1907, Congress was dominated by the Moderates.
 - (d) One of its members of Simon Commission was Clement Attlee.
83. Which of the following is/are true about Shiwaliks formation?
1. It is a formation of mountain.
 2. They are part of Himalayan arc still being uplifted due to ramming of Indian plate.
 3. They have considerable height and are great for growing crops like tea and coffee.
- Select the correct answer from the following codes
- (a) Only 1 (b) Only 1 and 2
(c) Only 2 and 3 (d) 1, 2 and 3
84. Which of the following would increase the money supply in the economy?
1. A scheduled commercial bank issuing a cheque to its customer.
 2. Monetisation of deficit
 3. A customer depositing money in a scheduled commercial bank.
- Choose the correct answer using the codes below:
- (a) 1, 2 and 3 (b) 2 and 3 only
(c) 2 only (d) 1 and 2 only
85. Which of the following statements best describes biotic potential?
- (a) It refers to the potential biomass of a population measured as dry weight per unit area.
 - (b) It refers to the possible functional roles a species can play in an ecosystem.
 - (c) It refers to the maximum reproductive capacity of an organism under optimum environmental conditions.
 - (d) It refers to the minimum population of a species required to sustain a food web.

- 86.** With which school of Indian philosophy the 'Theory of karma' is associated?
 (a) Yoga (b) Vedanta
 (c) Vaisesika (d) Mimansa
- 87.** Consider the following statements regarding Pinaka Missile System.
1. Pinaka MK-II rocket is modified as a missile by integrating the navigation, control and guidance system to improve the end accuracy.
 2. The missile system is capable of striking into enemy territory up to a range of 75 kilometres with high precision.
 3. It is developed by Defence Research and Development Organisation (DRDO) with assistance from Russia.
- Which of the above statements is/are correct?
 (a) 1 and 3 only (b) 1 and 2 only
 (c) 2 and 3 only (d) 1, 2 and 3
- 88.** Consider the following statements regarding 'Eat Right India' campaign
1. It is spearheaded by Food Safety and Standards Authority of India (FSSAI)
 2. It aims at improving public health in India and combat negative nutritional trends to fight lifestyle diseases.
- Which of the above statements is/are correct?
 (a) 1 only (b) 2 only
 (c) Both 1 and 2 (d) Neither 1 nor 2
- 89.** Recently, Indian Navy had launched "Operation Vanilla". It was launched to
 (a) Protect Indian ships from piracy
 (b) Help cyclone-hit Madagascar
 (c) Evacuate Indians from Iran
 (d) Evacuate Indians from epidemic hit region of China
- 90.** With reference to G20 grouping of countries, consider the following statements:
1. It operates as a forum and not as an organization.
 2. Central bank governors along with finance ministers of member countries participate in G20 summit.
- Which of the statement given above is/are correct?
 (a) 1 only (b) 2 only
 (c) Both 1 and 2 (d) Neither 1 nor 2
- 91.** Consider the following statements about Joint Forest Management:
1. Forest protection committees are formed to restore green cover.
 2. It involves a formal agreement between forest department and local communities.
 3. It respects the rights of local communities and needs from forests.
 4. This protects an area from being over exploited.
- Which of the above statements are correct
 (a) 1, 2, 3 are true
 (b) 2, 3, 4 are true
 (c) 1, 3, 4 are true
 (d) All are true
- 92.** Bhasan Char island, recently seen in news, is located in
 (a) India (b) Bangladesh
 (c) Sri Lanka (d) None of the above
- 93.** Consider the following statements regarding Quantum Computing
1. Quantum Computers encode information as quantum bits, or qubits.
 2. There are no quantum computers in India yet.
- Which of the above statements is/are correct?
 (a) 1 only (b) 2 only
 (c) Both 1 and 2 (d) Neither 1 nor 2
- 94.** Archimedes Principle refers to
 (a) The speed of light in a vacuum is independent of the motion of all observers.
 (b) An object remains at rest unless acted upon by a force.
 (c) The ability or tendency of something to float in water or other fluids.
 (d) None of the above
- 95.** Consider the following statements with regard to the life spent by Hsuan Tsang, a Chinese traveller in India:
1. He visited India during the rule of Chandragupta II.
 2. He studied Buddhism at Taxila University.
 3. He translated Buddhist texts written in Sanskrit into Chinese.
- Which of the statements given above is/are correct?
 (a) 1 and 2 only (b) 2 and 3 only
 (c) 3 only (d) 1, 2 and 3

96. Which of the following activities can lead to desertification?

1. Overgrazing
2. Mining activities
3. Unscientific irrigation of arid lands
4. Uncontrolled exploitation of groundwater

Select the correct answer using the code given below.

- (a) 1 and 3 only
- (b) 2, 3 and 4 only
- (c) 1, 2 and 4 only
- (d) 1, 2, 3 and 4

97. Disguised unemployment occurs

- (a) when the number of unemployed labour exceeds employed labour in an industry
- (b) due to the paradox of simultaneous existence of high unemployment and skilled labour
- (c) when additional labour do not contribute to the output
- (d) when there are job vacancies in an industry despite producing full output

98. Consider the following statements regarding dust particles.

1. Higher concentration of dust particles is found in equatorial and polar regions in comparison to subtropical and temperate regions
2. Convectional air currents may transport them to great height

Which of the statements given above is/are incorrect?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

99. With reference to the provisions of Queen's Proclamation of 1858, consider the following statements:

1. A general amnesty was granted to all the rebels of the 1857 revolt.
2. The post of Secretary of State was created.
3. The British stopped the policy of annexation as Doctrine of lapse was cancelled.
4. It abolished the Board of Control and Court of Directors.

Which of the statements given above is/are not correct?

- (a) 1 only
- (b) 1 and 3 only
- (c) 2 and 4 only
- (d) 4 only

100. Which of the following ministries is the nodal ministry for MPLADS (Members of Parliament Local Area Development Scheme)?

- (a) Ministry of Rural Development
- (b) Ministry of Panchayati Raj
- (c) Ministry of Urban Development
- (d) Ministry of Statistics and Programme Implementation