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

R.C. Reddy IAS Study Circle
TEST BOOKLET
GRAND TEST-03
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. Under the Third Schedule of the Indian Constitution, forms of Oaths or Affirmations are given for which of the following?
1. The Union Minister
 2. The Comptroller and Auditor General of India
 3. The Election Commissioner of India
 4. Chairman of Panchayat
- Select the correct answer using the code given below.
- (a) 1 and 2 only (b) 1, 2 and 3 only
(c) 1 and 3 only (d) 2, 3 and 4 only
2. Which of the following statements regarding Mahalwari System is not correct?
- (a) The unit for revenue settlement is the village.
 - (b) The revenue amount was not fixed, and was to be revised periodically.
 - (c) If any villager abandoned his land, it was taken over by the State.
 - (d) All the statements (a), (b) and (c) are correct.
3. Which of the following state capital lies farthest from the 'Tropic of Cancer' (22°30' N)?
- (a) Gandhinagar
 - (b) Bhopal
 - (c) Raipur
 - (d) Ranchi
4. With respect to inflation in India, consider the following statements:
1. Decline in fuel prices leads to sharper reduction in the Wholesale Price Index (WPI) as compared to the Consumer Price Index (CPI).
 2. Increase in food prices leads to sharper increase in the Consumer Price Index (CPI) as compared to Wholesale Price Index (WPI).
- 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. With reference to IRENA, consider the following statements:
1. It is a body set up by United Nations to promote adoption and sustainable use of renewable energy.
 2. India is a permanent member of IRENA.
- 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
6. Consider the following statements about Kajariho temples.
1. They are one of the UNESCO World heritage sites in India.
 2. They are famous for their dravida style architecture.
 3. They are built by the Chandela dynasty.
- Which of the following statement(s) given above is/are correct?
- (a) 1 and 2 only
(b) 2 and 3 only
(c) 1 and 3 only
(d) 1, 2 and 3
7. Consider the following pairs:
- | Diseases | Pathogens |
|------------------|------------------|
| 1. Tuberculosis | : Bacteria |
| 2. Leishmaniasis | : Parasite |
| 3. Leprosy | : fungus |
- Which of the pairs given above is/are correctly matched?
- (a) 1 and 2 only
(b) 3 only
(c) 1 2 and 3
(d) None
8. Recently Operation Turtshield was in news. It is regarding
- (a) Military action on Naga rebels across Myanmar border
 - (b) Wholistic intervention to improve the girl enrolment and retention rates in primary and secondary education.
 - (c) to protect endangered flapshell turtles
 - (d) none of the above

- 9.** Consider the following statements regarding Data Localization.
1. Data Localization means storing data within the borders of a specific country where only the Government has access to the data.
 2. BN Srikrishna committee recommended for Data Localization.
- 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
- 10.** Recently, Akhil Bharatiya Marathi Sahitya Sammelan, passed a resolution demanding the declaration of Marathi as a 'Classical' language. In this context consider the following languages
1. Sanskrit
 2. Kannada
 3. Telugu
 4. Malayalam
 5. Tamil
- Which of the above are classical languages
- (a) 1 only
(b) 1 and 5 only
(c) 1, 2 and 4 only
(d) 1, 2, 3, 4 and 5
- 11.** Consider the following statements:
1. Constitution is the fundamental law of the land and demarcates the responsibilities of the organs of the State.
 2. Unwritten constitutions are evolved and it constitutes only laws made by the Parliament.
 3. Unamendability of the constitution is a feature of rigid constitution.
- 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
- 12.** Consider the following pairs:
- Social Reformers: Works
1. Jyotiba Phule : Started Bethune school for girl's education.
 2. Dadabhai Naorozi : Professed legal status and heritance rights for Parsi women.
 3. Bal Shastri Jambekar : Started a weekly called 'Darpan' which raised issues on widow remarriage.
- Which of the pairs give above is/are correctly matched?
- (a) 1 and 2 only (b) 2 only
(c) 2 and 3 only (d) 1, 2 and 3
- 13.** Consider the following factors
1. Gravitational force
 2. Deflective force by Earth rotation
 3. Salinity difference
 4. Precipitation and evaporation
- Which of the following factors are responsible for modifying ocean current?
- (a) 1 and 2 only
(b) 1, 3 and 4 only
(c) 1, 2 and 3 only
(d) 1, 2, 3 and 4
- 14.** Which of the following also acts as a mechanism for government lending.
1. CRR
 2. Repo rate
 3. Reverse repo rate
 4. SLR
- Select the correct answer using the codes given below.
- (a) 1 and 3 only (b) 1, 2 and 4 only
(c) 1 and 4 only (d) 4 only
- 15.** With reference to Wildlife Crime Control Bureau consider the following statements:
1. It is mandated to assist State Governments in prosecutions related to wildlife crime.
 2. It was established under the Environment Protection Act.
- 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
- 16.** Consider the following statements regarding position of women in the Gupta age:
1. Arsa and Asura forms of marriage became popular.
 2. Widows could not marry again.

3. Women had no right to real property.

Which of the statements given above is/are correct?

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

17. Which of the following nuclear reactors is/are not included in India's 3 stage nuclear programme?

1. Thorium based breeder reactor
2. Boiling water reactor
3. Pressurized heavy water reactor
4. Fast breeder reactor

Select the correct answer using the codes given below.

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

18. Consider the following statements regarding Regional Cooperation Agreement on Combating Piracy and Armed Robbery against Ships in Asia (ReCAAP):

1. It is the first regional Government-to-Government agreement to deal with piracy and armed robbery at sea in Asia.
2. ReCAAP Information Sharing Centre (ISC) has been established at Singapore.

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

19. Consider the following statements regarding the Model Code of Conduct (MCC):

1. It is statutory in nature
2. It remains in force from the date of announcement of elections till the completion of elections.
3. Its violation can attract a penalty under the Representation of the People, 1951 Act.

Which of the above is/are correct?

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

20. Under the Indus Water Treaty (IWT), India has been given the exclusive right over the rivers of

1. Chenab
2. Ravi
3. Beas
4. Indus
5. Satluj
6. Jhelum

Select the correct answer using the codes given below.

- (a) 1, 2 and 3 only
(b) 1, 3 and 4 only
(c) 2, 3 and 5 only
(d) 1, 2 and 6 only

21. Who among the following participate/s in the election to the Legislative Council of a State?

1. Members of municipalities
2. Members of Legislative Assembly of the State
3. Graduates
4. Members of Panchayat Samiti

Select the correct answer using the code given below.

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

22. Which of the following acts deprived the East India Company of commercial privileges in India?

- (a) Regulating act 1773
- (b) Charter act 1833
- (c) Charter act 1793
- (d) Charter act 1853

23. Which of the following is/are feature of Himachal and Uttaranchal Himalayas?

1. Dun formations
2. Region is known for 5 famous Prayags.
3. All three ranges of Himalayas are prominent in this section

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

- 24.** To obtain full benefits of demographic dividend, what should India do?
- Promoting skill development
 - Introducing more social security schemes
 - Reducing infant mortality rate
 - Become member of Nuclear Supplier's Group
- 25.** Which of the following is not found in Western Ghats Biodiversity Hotspot region ?
- Lion tailed Macaque
 - Nilgiri Tahr
 - Giant Squirrel
 - Golden Langur
- 26.** Great prominence is given in the Rig Veda to two popular assemblies called 'Sabha' and 'Samiti' which seem to have formed an essential feature of the government. In this context, which of the statements is/are correct?
- The Sabha, which mainly dealt with policy decisions and political business, included common people.
 - The Samiti, less political in character, was a more select body of the elders or nobles.
- Select the correct answer using the code given below.
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
- 27.** With reference to the use of 3D printing, consider the following statements:
- It can be used in the development of artificial human liver tissue.
 - It helps in preventing diseases such as Alzheimers by regenerating brain cells.
 - It is being used in genetic modification on a large scale.
- Which of the statements given above is/are correct?
- 1 only
 - 1 and 2 only
 - 2 and 3 only
 - 1, 2 and 3
- 28.** Consider the following statements regarding Tropical Forest Alliance (TFA)
- It is formed at Rio +20 Earth Summit.
 - It is a global public-private partnership dedicated to collaborative action for reduced deforestation and sustainable land use management in tropical forest countries.
- Select the correct answer using the code given below.
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
- 29.** Which of the following companies is planning to launch the cryptocurrency Libra?
- Google
 - Facebook
 - Reliance
 - SpaceX
- 30.** Which of the following rights are recognized under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006?
- Right to hold and live in the forest land for habitation or for self-cultivation for livelihood.
 - Right of ownership, access to collect, use and dispose of minor forest produce.
 - Right to protect, regenerate or conserve or manage any community forest resource.
 - Right to convert forest villages into revenue villages.
- Select the correct answer using the code given below.
- 1, 2 and 3 only
 - 1 and 3 only
 - 2 and 4 only
 - 1, 2, 3 and 4
- 31.** Consider the following statements:
- Alteration of boundaries, areas or names of existing states are done by ordinary legislative process.
 - Cessation of Indian Territory to other country requires a constitutional amendment.
 - Indian territory can be ceded to a foreign country by amending Indian constitution under Article 368.

Which of the statements given above is/are correct ?

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

32. Who among the following Europeans were the last to come to pre-independence India as traders?

- (a) Dutch (b) English
(c) French (d) Portuguese

33. Igneous rocks are also called primary rock because

- (a) They are formed due to cooling and solidification of magma
(b) They were the first rock to originate during formation of earth's crust
(c) All other rocks are subsequently formed from igneous rock
(d) Both (b) and (c)

34. Which of the following statements correctly defines the Phillips curve?

- (a) It shows the relationship between tax revenue collection and tax rate
(b) It indicates the variation of productivity of a firm with the change in the capital investment
(c) It shows the relationship between per-capita income and population
(d) It shows the relationship between the rate of inflation and rate of unemployment

35. Which of the following are drawbacks of wind energy projects?

1. Noise pollution
2. Costly to set up
3. Disturbs Radio and T.V reception
4. Harmful to birds

Select the correct answer using the code given below.

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

36. Consider the following statements

1. Carnatic music strictly adheres to the melakarta raga scheme whereas Hindustani music follows thaata system
2. Hindustani music extensively employs the use of Tabla, Sarangi, Santoor and Sitar whereas Carnatic music uses Veena, Mridangam, Gottuvadyam and Mandolin

Which of the above statement(s) is/are correct?

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

37. Aluminium has been used in aircrafts because it offers many advantages. These are

1. excellent machinability and plasticity which helps in bending, cutting, and drawing aluminium sheets.
2. high thermal resistance making it suitable for use in engines which are exposed to extreme heat.
3. ability to withstand the stresses that occur during launch and operation in space.

Select the correct answer using the codes given below.

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

38. Consider the following statements regarding Digital Sky Platform

1. It is a software-based self-enforcement unmanned traffic
2. It allows operators to apply for a Unique Identification Number (UIN)

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

39. With reference to Pradhan Mantri Awas Yojana consider the following statements

1. Under PMAY Grameen, the beneficiary is entitled to 180 days of unskilled labour from MGNREGA
2. The Urban component of PMAY was launched by Ministry of Urban Development
3. PMAY Grameen is implemented by the Ministry of Rural Development

Which of the above statement(s) is/are correct?

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

40. Consider the following statements with respect to PM CARES Fund

1. It is a public charitable trust with a primary objective of dealing with any kind of emergency or distress situation.
2. This fund will also enable micro-donations.
3. Union Home Minister is the Chairman of this trust and its Members include Defence Minister and Finance Minister.

Which of the statement(s) given above is/are correct?

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

41. Appointment, posting and promotion of district judge in a state are made by the:

- (a) Governor in consultation with the High court.
- (b) Chief justice of the High court of that state in consultation with the Governor.
- (c) President in consultation with the High court.
- (d) President in consultation with the Governor and the High court.

42. Which of the following events did not occur during the tenure of Lord Lytton?

1. Swadeshi and Boycott Movement
2. Vernacular Press Act
3. First Afghan War
4. Treaty of Peshawar

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) 3 and 4 only

43. The eastern hills or Purvanchal is a beautiful landscape in the northeast region of India. Three famous hill ranges are -

1. Naga Hills
2. Patkai bum
3. Lushai hills

The correct arrangement of these hills from north to south are:

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

44. Consider the following statements about Financial Action Task Force (FATF).

1. Its purpose is the development and promotion of policies to combat money laundering and terrorist financing.
2. It is a body under the International Monetary Fund (IMF) supervision.

Which of the above statement(s) is/are correct?

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

45. Consider the following statements with regard to Marine ecosystems:

1. The marine waters are divided into Photic and Aphotic zones based on the salinity of water.
2. Green plants are found only in Photic zones.
3. Aphotic zone is completely devoid of life.

Which of the statements given above is/are correct?

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

46. 'Charak' was the famous court physician of

- (a) Harsha
- (b) Chandragupta Maurya
- (c) Ashoka
- (d) Kanishka

47. Which of the following concept has been proposed by scientists to explain the accelerated rate of expansion of the universe?

- (a) Dark Matter
- (b) Dark Energy
- (c) Gravitational waves
- (d) Red Shift

48. Consider the following statements regarding Geographical indication (GI) tag.

1. A GI tag conveys an assurance of quality and distinctiveness, which is essentially attributable to the place of its origin.
2. Once the GI protection is granted, no other producer can misuse the name to market similar products.
3. Kerala has the highest number of GI tagged products.

Which of the above statements is/are correct?

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

49. With reference to Pradhan Mantri Kisan Samman Nidhi consider the following statements

1. It is implemented by the Ministry of Agriculture and Farmers Welfare
2. Only farmers with a landholding size below 2 hectares are eligible for the scheme
3. The responsibility of identifying the beneficiaries lies entirely with the State Government

Which of the above statement(s) is/are correct?

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

50. Recently, Nobel Prize was awarded for the invention of Lithium Ion Batteries. In this context consider the following statements

1. They are a type of rechargeable batteries.
2. They are capable of being miniaturized and used in devices like implanted pacemakers.

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

51. With reference to the provisions of the Panchayats(Extension to the Scheduled Areas) Act, 1996, consider the following statements:

1. In the Scheduled areas, atleast one-half of the seats in every panchayat are reserved for members of the scheduled tribes.
2. The Gram Sabha shall be responsible for the coordination of planning and implementation of development projects in the scheduled areas involving acquisition of land.

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. With reference to the Theosophical society, consider the following statements:

1. The theosophists advocated revival of ancient religion of Hinduism, Buddhism and zoroastrianism.
2. They recognized the doctrine of transmigration of soul.
3. It was headquartered at Bombay.

Which of the statements given above is/are correct?

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

53. Arrange the following soils in descending order of their prevalence in the country.

1. Laterite soil
2. Alluvial soil
3. Black soil
4. Red soil

Select the correct answer using the code given below.

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

54. Consider the following statements related to NITI Aayog.

1. NITI Aayog is non-constitutional non-statutory body as Planning Commission was.
2. NITI Aayog will enjoy more financial powers than Planning Commission.
3. All members of the NITI Aayog will be full time members.

Which of the statement(s) given above is/are incorrect?

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

55. Which of the following is/are examples of Mutualism?

1. Algae and lichens.
2. Rhizobium bacteria and plants.
3. Coral polyps and Zooxanthellae
4. Leech and cattle

Select the correct answer using the code given below:

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

56. Jainism is characterised by

1. non-belief in superiority of vedas
2. animals and plants have living souls.
3. non-belief in rituals
4. believe in reincarnation

Select the correct answer using the codes given below.

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

57. Consider the following statements regarding cryogenic engines.

1. It forms the core of third and final stage of Geo-stationary Satellite Launch Vehicle (GSLV)
2. The propellant used is hydrogen and oxygen gases at extremely low temperatures

3. It has higher specific impulse than solid and earth-storable liquid propellant rocket engines.

Which of the statements given above are correct?

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

58. Consider the following statements regarding Surakshit Matritva Aashwasan (SUMAN) Initiative.

1. It aims to provide dignified and quality health care at low cost to every woman and newborn visiting public and private health facility in order to end all preventable maternal and newborn deaths.
2. All pregnant women, newborns and mothers up to 6 months of delivery will be able to avail several free health care services.
3. The government will also provide free transport to pregnant women from home to the health facility and drop back after discharge.

Which of the above statements is/are correct?

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

59. Consider the following statements regarding 103rd constitutional Amendment:

1. The amendment changed two fundamental rights, Article 15 & 16 and provide for the advancement of the "economically weaker sections" of the society.
2. 10% EWS reservation quota is given to all sections of the society.
3. The states can set their own income cut-off to decide who constitutes EWS and even exceed the income criteria set by the centre.

Which of the above statement(s) is/are correct?

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

60. Consider the following statements with reference to 'FASTag', which enables vehicles to be driven through National Highway toll plazas without stopping:

1. It is a mobile application that links a vehicle's registration number and the owner's JAM trinity
2. Number plates of FASTagged vehicles must be fitted with Radio Frequency Identification Technology chips to enable reading of a vehicle's registration number by sensors at toll plazas

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

61. With reference to State Emergency, consider the following statements:

1. A law made by the Parliament during a State Emergency becomes inoperative six months after the emergency has ceased to operate.
2. A State Emergency does not affect the Fundamental Rights of the citizens of that state.

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

62. Who among the following was NOT associated with the foundation of the Indian Association?

1. Surendranath Banerjee
2. Anandmohan Bose
3. Dadabhai Naoroji

Select the correct answer using the codes given below.

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

63. Consider the following statements regarding season of Retreating Monsoon in India:

1. Unlike sudden burst of monsoon, the retreat of the monsoon is gradual.
2. The diurnal range of temperature is quite pronounced.

3. This is the season of most severe tropical cyclones.

Which of the statements given above is/are correct?

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

64. With reference to Balance of Payments, which of the following constitutes/constitute the Current Account?

1. Balance of trade
2. Foreign assets
3. Balance of invisibles
4. Special Drawing Right

Select the correct answer using the code given below.

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

65. The term Biomining refers to?

- (a) Extraction of important information through analysis of genome
- (b) Use of micro-organisms for extraction of ores from mines
- (c) Extraction of metals from ores using micro-organisms
- (d) Use of enzymes for commercial production of industrial chemicals

66. With reference to Bhagvatism, consider the following statements:

1. It supported animal sacrifices in line with vedic culture.
2. There was no place for tribal gods in bhagvatism.

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

67. Which one of the following is the best description of 'INS Arihant', that was in the news recently?

- (a) Amphibious warfare ship
- (b) Nuclear-powered submarine
- (c) Torpedo launch and recovery vessel
- (d) Nuclear-powered aircraft carrier

- 68.** Consider the following statements regarding National Register of Citizens.
1. It is an exercise to identify the illegal immigrants who entered Assam after 15th August, 1947.
 2. Any person, whose name is not there in the NRC, will be declared as a foreigner.
- 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
- 69.** Consider the following statements regarding C40 Cities.
1. C40 is a group of 40 cities around the world driving urban action that reduces greenhouse gas emissions and climate risks, while increasing the health, wellbeing and economic opportunities of urban citizens.
 2. From India, New Delhi and Mumbai are the only two cities that are member cities of the C40.
- 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
- 70.** Which of the following, most appropriately describes the utility of Universal Account Number (UAN)
- (a) to provide portability of Evident Provident Fund (EPF) account.
 - (b) to provide universal social security with particular focus on BPL families.
 - (c) to curb the misuse of P-notes for round tripping.
 - (d) to curb the benami transactions.
- 71.** Nationwide programme called "MAA-Mother's Absolute Affection" to bring undiluted focus on promotion of breastfeeding was initiated by
- (a) Ministry of women & child development
 - (b) Ministry of social justice & empowerment
 - (c) Ministry of Health & Family Welfare
 - (d) Ministry of AYUSH
- 72.** Project Sashakt, sometimes in news is aimed at
- (a) Dispute Resolution in solar and wind energy projects.
 - (b) Enhancing capacity on forest landscape restoration
 - (c) Ocean Cleanup Project
 - (d) Resolve the problem of stressed assets with public-sector banks
- 73.** Consider the following statements wrt Exchange Traded Funds(ETFs)
1. ETFs are mutual funds listed and traded on stock exchanges
 2. Bharat 22 is the type of ETF in India
 3. ETF can be bought and sold throughout the day like stocks on a stock exchange Unlike traditional mutual funds
- Select the correct answer using the code given below.
- (a) 2 and 3 only (b) 1 and 2 only
(c) 1 only (d) All of the above
- 74.** With respect to the difference between Bluetooth and Wi-Fi, which of the following is/are correct?
1. Bluetooth is more secure than Wi-Fi.
 2. Bluetooth works at higher frequency than Wi-Fi
 3. Bluetooth consumes less power than Wi-Fi.
- Select the correct answer using the codes given below.
- (a) 1 and 2 only (b) 1 and 3 only
(c) 2 and 3 only (d) 3 only
- 75.** Consider the following statements:
1. Only the Kshatriyas and Brahmanas were entitled to upanayana ceremony.
 2. The importance of Sabha and Samiti diminished during the later Vedic period.
 3. Four Ashramas were well established during the Vedic times.
- Which of the statements given above is/are correct?
- (a) 1 and 2 only (b) 2 only
(c) 1 and 3 only (d) 1, 2 and 3 only

- 76.** Consider the following pairs:
Traditional Water Region Harvesting System
1. Kunds : Rajasthan
 2. Baoli : Gangetic Plain
 3. Johad : Central India
- Which of the pairs given above is/are correctly matched?
- (a) 1 and 2 only (b) 1, 2 and 3
(c) 2 and 3 only (d) 3 only
- 77.** Crowding out effect refers to
- (a) Expansionary fiscal policy is adopted by the government thereby increasing interest rates and thus reducing private sector spending
 - (b) Increased private sector competition to invest in government securities
 - (c) Reduced spending by the government in turn aiding the private sector investment
 - (d) Decreased interest rate of private sector to invest in government securities
- 78.** Consider the following pairs :
- | Major Crop | Leading Producing State |
|-------------------|--------------------------------|
| 1. Rice | West Bengal |
| 2. Cotton | Maharashtra |
| 3. Oilseeds | Madhya Pradesh |
| 4. Sugarcane | Uttar Pradesh |
- Which of the pairs given above is/are correctly matched?
- (a) 1, 2 and 3 only (b) 1, 3 and 4 only
(c) 2 and 4 only (d) 1, 2, 3 and 4
- 79.** Which of the following statements is correct regarding the Lex Loci Act of 1850?
- (a) It prohibited child marriage below the age of 14.
 - (b) It extended the prohibition of Sati across all over British India.
 - (c) It provided right to inherit ancestral property to Hindu converts to Christianity.
 - (d) It granted the legal recognition to widow's marriage.
- 80.** One feature distinguishing the Rajya Sabha from the Vidhan Parishad is:
- (a) Power of impeachment
 - (b) Indirect election
 - (c) Nomination of members
 - (d) Tenure of membership
- 81.** The Speaker of the Lok Sabha derives his powers and duties from:
- (a) The Constitution of India
 - (b) The Rules of Procedure and Conduct of Business of Lok Sabha
 - (c) Parliamentary conventions.
 - (d) All of the above
- 82.** In order to improve the condition of women, Ishwar Chandra Vidyasagar was associated with which of the following?
1. Legalizing widow remarriage.
 2. Opposing polygamy.
 3. Advocating higher education of women.
 4. Opposing child marriage.
- Which of the statements given above is/are correct?
- (a) 1 and 3 only (b) 1 and 2 only
(c) 2, 3 and 4 only (d) 1, 2, 3 and 4 only
- 83.** Which of the following is/are the reasons for tank irrigation being practised mainly in peninsular India?
1. Undulating relief and hard rock Structure.
 2. Ground water is not available in large quantity.
 3. Non-perennial nature of rivers in this region.
- 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
- 84.** The WTO follows the principle of 'self selection'. This means :
- (a) countries decide to which agreement they want to be party.
 - (b) countries decide the rate of tariff and tariff reduction
 - (c) countries themselves decide whether they want to be in developed or developing categories.
 - (d) None of the above

- 85.** Which among the following regions in India is/are biodiversity hotspots?
1. Eastern Ghats
 2. Eastern Himalayas
 3. Nicobar Islands
- Select the correct answer using the code given below.
- (a) 1 and 3 only (b) 2 only
(c) 2 and 3 only (d) 1, 2 and 3
- 86.** With reference to the history of literature in ancient India, which one of the following is not correct?
- (a) Junagarh inscription presents the earliest specimen of kavya style.
 - (b) Ashvaghosh the writer of Swapna vasavdatta, was patronised by Kushanas.
 - (c) Avadanas composed in Buddhist hybrid Sanskrit were to preach Mahayana Buddhism.
 - (d) Kama sutra of Vatsyayan is a secular text.
- 87.** Consider the following statements with regards to SONAR (Sound navigation and Ranging) and RADAR (Radio detection and Ranging):
1. Both work on the same principle of detecting an object through echo.
 2. RADAR has faster response than SONAR when used in air
 3. RADAR has greater range in air than SONAR
- Which of the statements given above is/are correct?
- (a) 1 and 3 only (b) 2 and 3 only
(c) 1 and 2 only (d) 1, 2 and 3 only
- 88.** Consider the following statements regarding "Quadrilateral Security Dialogue" commonly known as Quad:
1. It is a formal strategic grouping consisting of India, US, Australia and Japan.
 2. The representatives of the member countries recently met in Bangkok, Thailand
- 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
- 89.** Recently, which organisation released State Energy Efficiency Index 2019'
- (a) Power Grid
 - (b) NTPC
 - (c) NITI Aayog
 - (d) Bureau of Energy Efficiency
- 90.** With reference to the grouping of Brazil, Russia, India, China and South Africa (BRICS); consider the following statements:
1. Secretariat of BRICS is in Shanghai.
 2. All five BRICS nations are G20 members.
- Which of the statements given above is/are correct?
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) None of the above
- 91.** TAPI pipeline will draw natural gas from the field of
- (a) Galkynysh
 - (b) South Pars
 - (c) Daulatabad
 - (d) Krishna - Godavari Basin
- 92.** With reference to CERT-In, consider the following statements:
1. It is the national nodal agency for responding to computer security incidents.
 2. It works under Ministry of Home Affairs.
- 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
- 93.** Recently, Sri Lankan President Maithripala Sirisena gifted Indian PM Modi a replica of the Samadhi Buddha Statue. Consider the following statements regarding "Samadhi Buddha Statue":
1. The Buddha is depicted in the position of "Dhyana Mudra".
 2. Dhyana Mudra symbolizes Buddha's calling of the Earth to witness his purity and chastity despite the temptations of Mara (desire).

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

94. Formation of colors in a soap bubble is due to:

1. diffraction of light
2. interference of light
3. dispersion of light

Select the correct answer using the codes given below.

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

95. Consider the following statements:

1. The subject matter of Ajanta paintings is almost exclusively Buddhist.
2. Both Hindu and Buddhist literature refer to paintings of various types.
3. Mural paintings are mostly secular in nature.

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

96. Consider the following statements with regard to Bio-chemical Oxygen Demand (BOD):

1. It is the amount of oxygen needed by aerobic micro organisms to break down organic material present in a given water sample.
2. Higher level of BOD indicates lower pollution level of the water.

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

97. With reference to foreign portfolio investments (FPI), consider the following **statements :**

1. FPIs are more volatile than loans from international financial institutions.
2. Foreign Direct Investments are part of FPIs.

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

98. Arrange the following islands of Japan from North to South?

- (a) Honshu, Hokkaido, Shikoku, Kyushu
(b) Honshu, Hokkaido, Kyushu, Shikoku
(c) Hokkaido, Honshu, Kyushu, Shikoku
(d) Hokkaido, Honshu, Shikoku, Kyushu

99. Which of the following was/were the cause(s) of failure of the revolt of 1857?

1. The kings of Kashmir and Nepal helped in suppressing the revolt.
2. It was mainly feudal in character.
3. Lack of coordination in the uprisings in different parts of India.

Select the correct answer using codes given below.

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

100. With reference to the Chairman of Rajya Sabha, consider the following statements:

1. He cannot preside over a joint sitting of the two houses of the Parliament.
2. He is a member of the house but cannot vote in the first instance.
3. When a resolution for his removal is under consideration he can speak and take part in the proceedings, without voting.

Which of the statements given above is/are correct?

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