



CDS [WEEKLY TEST]

DATE . 30/ 08/ 25

General instructions:

1. There are 100 questions.
2. All questions has 2 marks for correct and. – 0.66 marks for wrong answer as a penalty
3. The name, date, and exam must be filled in OMR sheet otherwise the result will not be published.
4. OMR fill should be properly

GEOGRAPHY

1. What do you understand by the Process of Accretion?

Choose the correct option.

- (a) Process involved in the formation of black holes.
- (b) Formation of solar flares from the sun.
- (c) Formation of larger planetary objects and planets.
- (d) Burning of satellite materials due to the frictional force of air

2. Consider the following statements regarding the Big Bang theory:

1. Initially, all matter forming the universe existed in one place in the form of a singular atom.
2. There is a continuous expansion till date, but now the process has slowed down.
3. Within 300,000 years from the Big Bang, temperature rises to 4,500 K, Kelvin, and gave rise to atomic matter.

Choose the incorrect answer from options given below:

- (a) Only 1 and 3
- (b) Only 2 and 3
- (c) Only 1
- (d) All are correct.

3. What do you understand by the term NEBULA?

Choose the correct option.

- (a) Star closest to the pole star.
- (b) Galaxy believed to be closest to the Milky way galaxy.
- (c) A newly identified black hole by Hubble telescope.
- (d) Accumulation of hydrogen gas in the form of a very large cloud.

4. Which of the following are the Terrestrial Planets?

- 1. Mercury
- 2. Venus
- 3. Jupiter
- 4. Mars

Choose the correct answer from options given below.

- (a) Only 1 and 3 (b) Only 1, 2 and 3 (c) Only 1, 2 and 4 (d) All are correct.

5. Consider the following statements regarding Terrestrial and Jovian planets:

1. Terrestrial planets were formed in the close vicinity of the parent star, whereas Jovian planets were formed at quite a distant location.
2. Terrestrial planets are larger and their large gravity could hold the escaping gases.
3. The solar winds were intense to cause removal of gases from the Jovian planets as same in the case of terrestrial planets.

Which of the following options are correct ?

- (a) only 1 (b) Only 2 and 3 (c) Only 1 and 3 (d) All are correct .

6. Consider the following statements regarding the Light year:

1. A light year is a measure of time.
2. Light travels at a speed of 300,000 km/second.
3. The distances the light will travel in one year is equal to one light year.

Choose the correct answer from options given below:

- (a) Only 1 (b) Only 2 and 3 (c) Only 1 and 3 (d) All are correct.

7. Consider the following statements regarding the Formation of Planets:

1. The stars are localised lumps of gas outside a nebula.
2. The gravitational force within the lumps leads to the formation of a core to the gas cloud.
3. Large number of small planetesimals accrete to form a few large bodies in the form of planets.

Choose the correct answer from options given below:

- (a) Only 1 and 3 (b) Only 2 and 3 (c) Only 1 and 2 (d) All are correct.

8. What do you understand by term Big splat?

- (a) Giant impact made the formation of moon. (b) Giant impact made the formation of sun.
(c) Giant impact made the formation of mercury. (d) Giant impact made the formation of Venus.

9. What do you understand by the term degassing?

- (a) Process through which the gases were outpoured from the interior.
(b) Process through which the gases were outpoured from the rocks.
(c) Process through which the gases were outpoured from the coal fields.
(d) Process through which the gases were outpoured from the International space station.

10. Consider the following statements regarding EARLY THEORIES about origin of Earth and choose the correctly matched pair:

Theory

Propounder

1. Nebular Hypothesis - Immanuel Kant
2. Wandering star - Chamberlain and Moulton
3. Binary theories - Sir James Jeans and sir Harold Jeffery

Correct code:

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

11. Expanding Universe Hypothesis is suggested by:

- (a) Otto Schmidt (b) Edwin Hubble (c) Immanuel Kant (d) Alfred Wegener

12. Consider the following statements regarding The Big Bang theory.

1. Event of big bang took place 13.7 Billion years before the present but the ex-pansion continues even to the present day.
2. Within first three minutes from the Big Bang event the first atom began to form.
3. Within 300,000 years from the Big Bang, temperature dropped to 4,500 K (kelvin) giving rise to atom matter and the universe become transparent.

Which of the above is/are correct ?

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

13. Consider the following statements about star formation:

1. A galaxy starts to form by accumulation of hydrogen gas in the form of a very large cloud called nebula.
2. Formation of stars have their genesis in these nebulae
3. The distribution of matter and energy was even in the early universe that further aided star formation.

Which of the above is/are correct?

- (a) 1 and 2 (b) 2 and 3 (c) 2 and 3 (d) All are correct.

14. Consider the following statements regarding Moon:

1. It is an outcome of 'giant impact' of the body of the size of one to three times that of Jupiter collided into the earth
2. The portion of blasted material then continued to orbit the earth and eventually formed into the present moon.

Select the correct statements from above:

- (a) 1 only (b) 2 only (c) Both (d) None

15. Which one of the following is not related to the formation or modification of the present atmosphere?

- (a) Solar winds (b) Differentiation (c) Degassing (d) Photosynthesis

SECTION B Current Affairs

16. Which indigenous missile system's twin-launcher configuration was showcased during India's Republic Day Parade in January 2025?
- A) Nirbhay (B) Pralay (C) BrahMos (D) Akashteer
17. Which fifth-generation fighter jet project received approval in May 2025?
- (A) LCA Mk2 (B) AMCA (C) FGFA (D) TEDBF
18. India recently tested a high-power laser-based weapon as part of its Integrated Air Defence Weapon System (IADWS). Where did this test occur?
- (A) Near Chennai (B) Off the coast of Odisha (C) In the Thar Desert (D) At the Andaman Islands
19. In March 2025, which short-range surface-to-air missile was tested by DRDO and the Indian Navy off the Odisha coast?
- (A) VL-SRSAM (B) Akash Prime (C) Nag (D) Astra
20. During Operation Sindoor in May 2025, which precision strike weapon was reportedly used for the first time?
- A) Nirbhay B) Akash C) BrahMos D) Asthra
21. In July 2025, ISRO successfully tested which missile-like precision weapon from a UAV?
- A) Nirbhay B) ULPGM-V3 C) Pralay D) Astra-Mk2
22. What was the name of the nationwide civil defence mock drill conducted on 7 May 2025 across 244 districts?
- A) Operation Abhyaas B) Exercise Samanvay Shakti C) Air Defence Drill D) Operation Sudarshan
23. In June 2025, which cybersecurity exercise was launched by the Defence Cyber Agency to strengthen national cyber defence?
- A) Cyber Shield B) Cyber Suraksha C) Surakshit Bharat D) Cyber Prahar
24. Chief of Defence Staff Anil Chauhan emphasized the strategic importance of which region, calling it vital to India's future?
- A) Arctic B) Himalayas C) Indian Ocean D) South China Sea
25. Which country hosted the 2025 BRICS Summit?
- A) Russia B) China C) Brazil D) South Africa

SECTION C POLITY

26. Consider the following statements about delegation of executive functions:

- (1) The President with the consent of the Governor of a state can entrust any executive functions to the states.
- (2) The President can also make entrustment of the executive functions of the centre to a state without the consent of the state.

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

- (a) 1 only (b) 2 only (c) Both 1 & 2 (d) None

27. Consider the following statements about Inter State Council :

- 1 It is a permanent constitutional body established under Article 263.
- 2 It works to enhance the coordination between the Center and States.

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

- (a) 1 only (b) 2 only (c) Both 1 & 2 (d) None

28. Which one of the following statements is correct?

- (a) Rights are claims of the State against the citizens.
(b) Rights are privileges which are incorporated in the Constitution of a State.
(c) Rights are claims of the citizens against the State.
(d) Rights are privileges of a few citizens against the many.

29. Which of the following statements is/are true of the Fundamental Duties of an Indian citizen?

1. A legislative process has been provided to enforce these duties.
2. They are correlatives to legal duties.

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

30. In the context of India, which one of the following is the correct relationship between Rights and Duties?

- (a) Rights are correlative with Duties.
(b) Rights are personal and hence independent of society and Duties.
(c) Rights, not Duties, are important for the advancement of the personality of the citizen.
(d) Duties, not Rights, are important for the stability of the State.

31. With respect to the Financial Emergency, consider the following statements:

- 1 Article 360 empowers the president to proclaim a Financial Emergency.
2 A proclamation declaring financial emergency can be approved by the Lok Sabha only.

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

- (a) 1 only (b) 2 only (c) Both 1 & 2 (d) None of these

32. Consider the following statements about National Emergency

- 1 Prime minister can declare a national emergency when the security of India or a part of it is threatened by war or external aggression or armed rebellion.
2 National emergency can be declared even before the actual occurrence of war or armed rebellion or external aggression.

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

- (a) 1 only (b) 2 only (c) Both 1 & 2 (d) None of these

33. Which constitutional amendment act added four regional languages namely Bodo, Dogri, Maithali & Santhali in 8th Schedule of constitution?

- (a) 42nd Amendment (b) 96th Amendment (c) 52nd Amendment (d) 92nd Amendment

34. Which of the following changes were introduced by 44th Constitutional Amendment Act?

1. The term armed rebellion was replaced by internal disturbance.
2. Approval within 1 month through special majority.
3. Periodical approval after every 6 months for continuance.

Select the correct answer using the code given below:

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

35. Consider the following statements about 42nd Amendment act:

1. It transferred five subjects from the union list to the concurrent list.
2. It made Prime Minister bound to the advice of the cabinet.
3. 'Socialist', 'Secular' and 'Integrity' words were added in preamble.

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

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

36. The objective to achieve 'Economic Justice' as one of the goals of the Indian Constitution has been provided in which part of Indian Constitution?

- (a) The Preamble & the Directive Principles of State Policy
(b) The Preamble & the Fundamental Rights
(c) The Fundamental Rights & the Directive Principles of State Policy
(d) None of the above

37. Which of the following statement/s is/are correct with respect to Fundamental Rights & Directive Principles of State Policy?

1. Directive Principles aim at promoting social welfare, while Fundamental Rights protect individuals from state encroachment.
2. Fundamental Rights put limitations on state action but Directive Principles are positive instructions to the state to move towards a just socio-economic order.
3. Fundamental Rights can be amended but Directive Principles cannot be amended.

Choose the correct option from the context given below:

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

38. With reference to the Directive Principles of State Policy, consider the following statements:

- (1) These are non-justiciable.
- (2) The framers of the Constitution borrowed this idea from the American Constitution.

Which of the above statement/s is/are incorrect?

- (a) 1 only (b) 2 only (c) Both 1 & 2 (d) None of these

39. Consider the following pairs:

Articles	Provision
(1) Article 43	To organize village panchayats
(2) Article 40	To promote cottage industries
(3) Article 43B	To promote cooperative societies

Which of the following pairs given above is/are correctly matched?

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

40. Consider the following statements:

1. The Parliament of India can place a particular law in the Ninth Schedule of the Constitution of India
2. The validity of a law placed in the Ninth Schedule cannot be examined by any court and no judgement can be made on it.

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

SECTION D SCIENCE

41. Which one of the following statements is NOT correct?

- (a) The molecules of soap are sodium or potassium salts of long chain fatty acids
 (b) The molecules of soap contain both hydrophobic and hydrophilic ends
 (c) Detergents are more effective than soaps in hard water
 (d) In micelles the ionic-end of the molecules is towards oil droplet while the other end faces outside

42. Which one of the following statements is correct?

- (a) A neutron is formed by combination of an electron and a proton. Therefore, it is neutral
 (b) The mass of an electron is about 1/2000 times that of a proton
 (c) An isotope of cobalt is used in the treatment of goiter
 (d) J. J. Thomson proposed that the nucleus of an atom contains only neutrons

43. The lactic acid that gets accumulated in the muscle cells during rigorous exercise causing muscle cramps is produced from

- (a) ATP (b) Pyruvate (c) Ethanol (d) Glucose

44. A chain of peptide containing linear sequences of amino acid linked by peptide bonds best represent the

- (a) Primary structure (b) Secondary structure (c) Tertiary structure (d) Quaternary structure

45. Initial discovery of antibiotic penicillin was done by

- (a) Francis Crick (b) Maurice Wilkins (c) Charles Darwin (d) Alexander Fleming

46. The vector of malaria parasites is

- (a) Male Anopheles mosquito (b) Male Culex mosquito (c) Female Anopheles mosquito (d) Female Culex mosquito

47. Vitamin B1 is also known as

- (a) Riboflavin (b) Thiamin (c) Retinol (d) Tocopherol

48. The universal constant of gravitation G has the unit

- (a) N (b) m/s (c) Joule (d) $\text{N-m}^2/\text{kg}^2$

49. The length of a simple pendulum is increased four times to its previous value while the mass is doubled. What is the ratio of the new and previous time period of the pendulum?

- (a) 3 : 1 (b) 2 : 5 (c) 2 : 1 (d) 3 : 2

50. Which one among the following elements is known to be discovered the earliest?

- (a) Copper (b) Gold (c) Oxygen (d) Uranium

51. Which one of the following equations related to the motion of an object is NOT correct? (Symbols carry their usual meanings)

- (a) $s = ut + \frac{1}{2}at^2$ (b) $u = v - at$ (c) $u^2 - v^2 = 2as$ (d) Distance travelled during n^{th} second = $u + \frac{1}{2}a(2n-1)$

52. We hear an echo due to

- (a) Refraction of sound waves (b) Reflection of sound waves
(c) Diffraction of sound waves (d) Resonance due to sound waves

53. Match List I with List II and select the answer using the code given below the Lists:

List I

List II

(Physical Quantity)

(SI Unit)

A. Temperature

1. Kelvin

B. Weight

2. Kilogram

C. Mass

3. Pascal

D. Pressure

4. Newton

Code:

(a) A-1, B-2, C-4, D-3

(b) A-3, B-4, C-2, D-1

(c) A-1, B-4, C-2, D-3

(d) A-3, B-2, C-4, D-1

54. Which one of the following particles in the nucleus of an atom was discovered by J. Chadwick?

- (a) Electron (b) Proton (c) Positron (d) Neutron

55. Which one of the following findings is NOT observed in Rutherford's Nuclear Model of Atom?

- (a) There is a neutral centre in an atom called nucleus
- (b) Nearly all the mass of an atom resides in the nucleus
- (c) The electrons revolve around the nucleus in a circular path
- (d) The size of a nucleus is very small as compared to the size of atom

56. Element X forms a chloride with the formula XCl_2 , which is a solid with high melting point. X would most likely be in the same group of periodic table as

- (a) Na
- (b) Al
- (c) Mg
- (d) K

57. Which one of the following oxides is a neutral oxide?

- (a) CO
- (b) CO_2
- (c) Na_2O
- (d) MgO

58. Which one of the following is also known as Dry ice in its solid form?

- (a) SiO_2
- (b) CO_2
- (c) CaO
- (d) MgO

59. Which one of the following statements is NOT correct?

- (a) Half mole of nitrogen gas is measured 11.2 litre at STP
- (b) 17 gram of ammonia gas contains 6.022×10^{23} molecules at STP
- (c) 22.4 litre of CO_2 gas at STP contains 44 gram of molecules
- (d) 4 gram of hydrogen gas contains 6.022×10^{23} molecules

60. Match List I with List II and select the answer using the code given below the Lists:

List I

List II

(Chemical Name)

(Chemical Formula)

A. Washing soda

1. CaOCl_2

B. Baking soda

2. NaHCO_3

C. Bleaching powder

3. $\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$

D. Gypsum

4. $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$

Code :

- (a) A-4, B-2, C-1, D-3
- (b) A-4, B-1, C-2, D-3
- (c) A-3, B-1, C-2, D-4
- (d) A-3, B-2, C-1, D-4

PART – A

(Antonyms)

Directions: Each item in this section consists of a sentence with an underlined word followed by four words or groups of words. Select the option that is opposite in meaning to the underlined word and mark your response on the Answer Sheet accordingly.

61. Mohan was living in a deplorable condition.

- (a) Reprehensible (a) reprehensible (c) despicable (d) commendable

62. These exercises will counteract the effects of stress and tension.

- (a) exacerbate (b) foil (c) thwart (d) contravene

63. You have to persevere with difficult students.

- (a) give up (b) persist (c) carry on (d) stand firm

64. Their new colour scheme is hideous.

- (a) appalling (b) beautiful (c) grotesque (d) macabre

65. Everywhere they go, they squander their earnings.

- (a) fritter away (b) splurge (c) squabble (d) manage

Cloze

Directions: In this section, there is a passage having some blank spaces, each blank space is followed by four individual words or group of words. Select a word or group of words you consider the most appropriate for filling the blank space, and indicate your response on the Answer Sheet accordingly.

The Earth's climate is _____ 66. (a) passionately changing and evolving. Some of

(b) continually

(c) deadly

(d) thoughtfully

_____ 67. (a) these changes have been due to natural causes but others can be

(b) those

(c) this

(d) that

attributed to _____ 68. (a) practical activities such as deforestation

(b) geological

(c) human

(d) animal

emissions from industry and transport, etc., which have led to the _____ 69. (a) assimilation

(b) absolution

(c) collection

(d) accumulation

of gases and aerosols in _____ 70. (a) an atmosphere. These gases are known

(b) a

(c) the

(d) no article

as greenhouse gases because they trap heat and _____ 71. (a) raise air temperatures

(b) hike

(c) rise

(d) balance

near the ground, acting like a greenhouse on the surface of the _____ 72. (a) crust In order

(b) core

(c) mantle

(d) planet

to create and strengthen the scientific and analytical capacity _____ 73. (a) for assessment

(b) of

(c) in

(d) to

of climate change in the country, different studies under Climate Change Action Programme _____ 74.

(a) are developed. Many important bilateral and multilateral

(b) are initiated.

(c) have developed.

(d) have initiated.

meetings and negotiations are held _____ 75. (a) With regular intervals

(b) At

(c) In

(d) on

Sentence Completion

Directions: Each of the following items features one part of a sentence, followed by four alternatives. Complete the sentence by choosing the correct alternative and mark your response on the Answer Sheet accordingly.

76. He paused

- (a) With a few moments. (b) For a few moments. (c) By a few moments (d) into a few moments.

77. Late at night, our car

- (a) Broke down on the highway. (b) Broke up on the highway. (c) Broke into the highway. (d) Broke out on the highway.

78. All the countries signed the treaty

- (a) Beneath Germany and France. (b) Except Germany and France.
(c) Among Germany and France. (d) During Germany and France.

79. I reminded her

- (a) to turn off the lights at night. (b) to call off the lights at night.
(c) to drop off the lights at night. (d) to break off the lights at night.

80. They told us about the woman

- (a) Whom lived next door? (b) Which lived next door?
(c) Who lived next door? (d) Whose lived next door?

81. I'll see you

- (a) at the end of February. (b) on the end of February.
(c) along the end of February. (d) for the end of February.

82. I dislike films

- (a) Who have sad endings. (b) That have sad endings.
(c) Whose have sad endings. (d) Whom have sad endings.

83. The thieves denied

- (a) Having stealing the money. (b) Stealing the money.
(c) Had stolen the money. (d) Having to steal the money.

84. Did you

- (a) drop out to see Sunita on your way home? (b) drop in to see Sunita on your way home?
(c) drop behind to see Sunita on your way home? (d) drop away to see Sunita on your way home?

85. Would you like to

- (a) meeting her? (b) meet her? (c) met her? (d) meet with her?

Idioms and Phrases

Directions: Given below are some idioms/phrases followed by four alternative meanings to each. Select the most appropriate response from the options (a), (b), (c) or (d), and mark your response on the Answer Sheet accordingly.

86. Be bad news

- (a) feelings of hate (b) someone who behaves in a dishonest way
(c) someone who is considered undesirable (d) to be ill

87. Back to the drawing board

- (a) to draw comparisons (b) to be a member of planning group
(c) to start planning again because the previous plan has failed (d) to be fast at understanding a situation

88. Be in the eye of the storm

- (a) to look at something quickly (b) to fail miserably at a sport
(c) to see something that you do not want to see (d) to be in the midst of a controversy

89. Life in the fast lane

- (a) to lead a selfless life (b) to have a happy life without complaints
(c) life without money or comforts (d) an exciting and eventful lifestyle

90. To pass the buck

- (a) to collect money from a group of people (b) to shift the responsibility of something to someone
(c) to have a short conversation with someone (d) to have the credentials for a particular job

Ordering of Words in a Sentence

Directions: Each of the following items in this section consists of a sentence, the parts of which have been jumbled as P, Q, R and S. Rearrange the jumbled parts of the sentences into sequence and select the correct sequence as (a), (b), (c), and (d) given below and mark your response on the Answer Sheet accordingly.

91. Include basic freedoms the fundamental rights are guaranteed to the individual basic rights and

P

Q

R

S

- (a) QSPR (b) QRSP (c) SQR P (d) RQSP

92. for many millennia been in the making of a historical process that has the Indian nation is the product

P

Q

R

S

- (a) SRQP (b) SQPR (c) PRSQ (d) RSQP

93. An epoch that was imbued for its people the start of with a new vision India's Independence represented

P

Q

R

S

- (a) SQPR (b) QRPS (c) SPQR (d) RQSP

94. Science and mathematics exhibition for a discussion on the forthcoming to be present before the Principal all students have been instructed

P

Q

R

S

(a) SQPR

(b) RPQS

(c) SRQP

(d) QPRS

95. two bowlers and two batsmen respectively to the new team with the selection of another player the team now has

P

Q

R

S

(a) QPRS

(b) SQRP

(c) RQSP

(d) RPSQ

Word Classes

Directions: Each of the following sentences has an underlined word. Read the sentence carefully and find which word class the underlined word belongs to. Indicate your response on the Answer Sheet accordingly.

96. You are most welcome to visit my humble abode.

(a) Noun

(b) Adjective

(c) Adverb

(d) Participle

97. The situation is beyond our control.

(a) Adjective

(b) Adverb

(c) Conjunction

(d) Preposition

98. I didn't tell him anything except that I needed the money.

(a) Adjective

(b) Adverb

(c) Preposition

(d) Conjunction

99. He dry-cleaned my coat nicely.

(a) Adjective

(b) Adverb

(c) Relative pronoun

(d) Conjunction

100. Would you like to buy this new item?

(a) Determiner

(b) Conjunction

(c) Interjection

(d) Adjective