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# **OPSC OAS**

**Previous Year Paper  
2021 General Studies  
Paper-I**



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Test Booklet Series



T. B. C. : CSP - 20/1

## TEST BOOKLET

GENERAL STUDIES

SI. No.

145816

PAPER - I

**Time Allowed : 2 Hours**

**Maximum Marks : 200**

### **: INSTRUCTIONS TO CANDIDATES :**

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 OF THE SAME SERIES ISSUED TO YOU.
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 USING BALL POINT PEN (BLUE OR BLACK).
3. You have to enter your Roll No. on the Test Booklet in the Box provided along side. DO NOT write anything else on the Test Booklet.
4. YOU ARE REQUIRED TO FILL UP & DARKEN ROLL NO., TEST BOOKLET / QUESTION BOOKLET SERIES IN THE ANSWER SHEET AS WELL AS FILL UP TEST BOOKLET / QUESTION BOOKLET SERIES AND SERIAL NO. AND ANSWER SHEET SERIAL NO. IN THE ATTENDANCE SHEET CAREFULLY. WRONGLY FILLED UP ANSWER SHEETS ARE LIABLE FOR REJECTION AT THE RISK OF THE CANDIDATE.
5. This Test Booklet contains 100 items (questions). Each item (question) comprises four responses (answers). You have to select the correct response (answer) which you want to mark (darken) on the Answer Sheet. In case, you feel that there is more than one correct response (answer), you should mark (darken) the response (answer) which you consider the best. In any case, choose ONLY ONE response (answer) for each item (question).
6. You have to mark (darken) all your responses (answers) ONLY on the Separate Answer Sheet provided by using BALL POINT PEN (BLUE OR BLACK). See instructions in the Answer Sheet.
7. (i) All items (questions) carry equal marks. All items (questions) are compulsory. Your total marks will depend only on the number of correct responses (answers) marked by you in the Answer Sheet.  
(ii) There will be negative markings for wrong responses (answers). 25 (twenty five) percent of marks allotted to a particular item (question) will be deducted as negative marking for every wrong response (answer).  
(iii) If candidates give more than one response (answer), it will be treated as a wrong response (answer) even if one of the given responses (answers) happens to be correct and there will be same penalty as above to that item (question).
8. Before you proceed to mark (darken) in the Answer Sheet the responses (answers) to various items (questions) in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per the instructions sent to you with your Admission Certificate.
9. After you have completed filling in all your responses (answers) on the Answer Sheet and after conclusion of the examination, you should hand over to the Invigilator the Answer Sheet issued to you. You are allowed to take with you the candidate's copy / second page of the Answer Sheet along with the Test Booklet, after completion of the examination, for your reference.
10. Sheets for rough work are appended in the Test Booklet at the end.

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

1. The Governing Council of NITI Aayog comprises of :
  - (A) Prime Minister and all Chief Ministers
  - (B) Chief Ministers and Experts and Specialists
  - (C) All Chief Ministers and Lieutenant Governors
  - (D) Chief Ministers and Union Finance Minister
2. The Chairman of Zonal Council in India is :
  - (A) Finance Minister
  - (B) Chairman of Rajya Sabha
  - (C) Union Home Minister
  - (D) Speaker of Lok Sabha
3. For each country, Global Hunger Index Values are determined by which of the following indicators ?
  - (1) Under nourishment
  - (2) Child Mortality
  - (3) Child Stunting
  - (4) Child Wasting
4. The reserve held by commercial banks over and above the statutory minimum with the RBI are called :
  - (A) Cash Reserve
5. Which of the following promoted the concept of Self Help Groups (SHGs) for financing the poor ?
  - (A) NITI Aayog
  - (B) RBI
  - (C) NABARD
  - (D) Union Ministry of Labour
6. Which of the following is not a financial inclusion scheme ?
  - (A) Pradhan Mantri Jandhan Yojana
  - (B) Suraksha Bandhan Scheme
  - (C) Atal Pension Yojana
  - (D) HRIDAY
7. Sishu, Kishore and Tarun are the schemes of :
  - (A) Industrial Development Bank of India
  - (B) Micro Units Development and Reference Agency Ltd.
  - (C) Small Industries Development Bank of India
  - (D) Regional Rural Banks

8. Which of the following indicators is not used to calculate Human Development Index ?

(A) Education  
(B) Per Capita Income  
(C) Life Expectancy  
(D) Social Inequality

9. Which of the following Committees recommended a poverty line based on nutritional requirements exclusively ?

(A) Lakdawala Committee  
(B) Rangarajan Committee  
(C) Alagh Committee  
(D) Tendulkar Committee

10. The first sustainable development goal aims to eradicate extreme poverty. How does the U. N. currently measure extreme poverty ?

(A) People who are unemployed and unable to access welfare benefits from the state  
(B) People who live on less than \$ 5 a day.  
(C) People who claim to be living in poverty  
(D) People who live on less than \$ / .25 a day

11. Which is the highest allocation Ministry in Budget 2021-22 ?

(A) Ministry of Defence  
(B) Ministry of Education  
(C) Ministry of Railway  
(D) Ministry of Health and Family Welfare

12. Central Government has unveiled a new series of Consumer Price Index for Industrial Workers (CPI – IW) with \_\_\_\_\_ as the base year.

(A) 2011  
(B) 2016  
(C) 2017  
(D) 2018

13. The contribution of the primary sector to GDP of India is :

(A) Increasing over the years  
(B) Remaining the same over the years  
(C) Decreasing over the years  
(D) At times increasing and at times decreasing over the years

14. Robinhood effect is related to which of the following ?

(A) Income and consumption  
(B) Income generation  
(C) Income redistribution  
(D) Income taxation

15. Out of the four concepts of money supply used in India,  $M_1$ ,  $M_2$ ,  $M_3$  and  $M_4$ , the Post Office Savings are included in :

- (A)  $M_1$  only
- (B)  $M_3$  and  $M_4$  only
- (C)  $M_4$  only
- (D)  $M_2$  and  $M_4$  only

16. The Insurance Regulatory and Development Authority (IRDA) is which type of body ?

- (A) Constitutional Body
- (B) Statutory Body
- (C) Advisory Body
- (D) Non-governmental Body

17. Deforestation is not a direct cause of :

- (A) Loss of biodiversity
- (B) Top soil erosion
- (C) Global climate change
- (D) Species invasion

18. The succession where the community increases its diversity and complexity with time is called :

- (A) Primary succession
- (B) Progressive succession
- (C) Retrogressive succession
- (D) Denuded succession

19. Biochemical oxygen demand of water is a measure of :

- (A) Water nitrate level
- (B) Water phosphate level
- (C) Water organic load
- (D) Water pesticide load

20. Which of the following does not belong to natural air pollutant ?

- (A) Hydrocarbon
- (B) SOx
- (C) NOx
- (D) Peroxyacetyl nitrate

21. Ex situ conservation includes :

- (A) National parks
- (B) Botanic gardens
- (C) Biosphere reserves
- (D) Wildlife sanctuaries

22. The database generated by ENVIS is used for the management of :

- (A) Biodiversity
- (B) Freshwater recharge
- (C) Ocean Temperature
- (D) Popular Growth

23. CBD is expanded as :

- (A) Convention on Bio-Diversity
- (B) Conservation of Bio-Diversity
- (C) Conservation of Biological Diversity
- (D) Centre of Biological Diversity

24. Which of the following is a correct combination ?

(A) Sundarban – Rhinoceros  
(B) Kaziranga – Lion  
(C) Bharatpur – Tigers  
(D) Balukhanda – Black buck

25. Which of the following is expected to be a cause of the rise in sea level ?

(A) Ozone layer depletion  
(B) Monsoon rain  
(C) Melting of polar ice cap  
(D) Continental drift

26. The solar energy is a :

(A) Conventional energy source  
(B) Non-Conventional energy source  
(C) Non-renewable energy source  
(D) Exhaustible energy source

27. Bats use \_\_\_\_\_ to navigate and find food.

(A) Resonance  
(B) Magneto-reception  
(C) Electroreception  
(D) Echolocation

28. Nucleic acid present in corona virus is :

(A) Deoxyribonucleic acid

(B) Oxyribonucleic acid  
(C) Ribonucleic acid  
(D) Chromatin

29. Television signals are :

(A) Frequency modulated  
(B) Amplitude modulated  
(C) Both frequency and amplitude modulated  
(D) Phase modulated

30. Electrical energy is converted into mechanical energy in :

(A) Dynamo  
(B) Microphone  
(C) Electric motor  
(D) Heater

31. One light year is :

(A) The distance travelled by light in free space in one year  
(B) The light emitted by sun in one year  
(C) The time taken by light to travel from sun to earth  
(D) Intensity of light emitted by sun in one year

32. Bleeding from nose is caused when a person is there at :

- (A) Higher altitudes where atmospheric pressure is low
- (B) Lower altitudes where atmospheric pressure is high
- (C) Normal altitudes where atmospheric pressure is high
- (D) No effect of altitude

33. The main component of biogas is :

- (A) Butane
- (B) Ethylene
- (C) Methane
- (D) Propane

34. Subatomic particles are :

- (A) Electrons
- (B) Protons
- (C) Neutrons
- (D) All of these

35. Carbon monoxide is a poisonous gas because it :

- (A) Binds to digestive hormones
- (B) Damages lungs
- (C) Destroys RBCs
- (D) Binds to haemoglobin

36. Which is NOT a synthetic polymer ?

- (A) PVC
- (B) Nylon
- (C) Polystyrene
- (D) Resin

37. Bee sting causes severe pain and burning sensation due to the presence of :

- (A) Acetic acid
- (B) Sulfuric acid
- (C) Citric acid
- (D) Methanoic acid

38. Albinism is caused due to the deficiency of a/an :

- (A) Hormone
- (B) Enzyme
- (C) Vitamin
- (D) Metal

39. In ballpoint pens, dyes used are :

- (A) Water based
- (B) Alcohol based
- (C) Glycerine based
- (D) Oil based

40. Which one of the following colours is least deviated by the glass prism ?

- (A) Green
- (B) Red
- (C) Violet
- (D) Orange

41. 'Ficus benghalensis' is the scientific name of :

- (A) Brinjal
- (B) Banana
- (C) Peepal
- (D) Banyan

42. Spirogyra is a kind of :

- (A) Algae
- (B) Fungi
- (C) Bacteria
- (D) Virus

43. Which of the following substances is not synthetic ?

- (A) Fibroin
- (B) Lexan
- (C) Neoprene
- (D) Teflon

44. Change in the base sequence within a gene is called :

- (A) Mutation
- (B) Cloning
- (C) Fusion
- (D) Breeding

45. Hypsometer is used to measure :

- (A) The pressure of gas
- (B) The boiling point of liquids
- (C) The level of humidity
- (D) The depth of ocean

46. Sagarmala Project is under which Ministry of Government of India ?

- (A) Ministry of Ports, Shipping and Waterways
- (B) Ministry of Sports
- (C) Ministry of Defense
- (D) Ministry of Surface Transport

47. Which country has begun its two-year tenure as a non-permanent member of the UN Security Council ?

- (A) Russia
- (B) Pakistan
- (C) India
- (D) Bangladesh

48. Who is the Chairman of State Commission for Backward Castes in Odisha ?

- (A) Justice Raghunath Biswal
- (B) Justice Bimal Prasad-Das
- (C) Justice Bijaya Krushna Patel
- (D) Justice Jatindra Prasad Das

49. Which of the following is not correct ?

- (A) The first India-Japan Samvad Conference was held in 2015 at Bodh Gaya, India
- (B) The Samvad Conference revolves around the need to build the future of Asia under the positive influence of traditions of non-violence and democracy in Asia
- (C) In the Sixth Samvad Conference PM Mr. Modi proposed to establish a library of traditional Buddhist literature and scriptures
- (D) Samvad Conference is being held every year since 2015 between India and Thailand

50. Shanghai Cooperation Organisation (SCO) Heads of State Summit was held on 10th November, 2020 in the video conference format. The Summit was hosted by :

(A) Russia  
(B) India  
(C) Kazakhstan  
(D) Uzbekistan

51. Which country has become the sixth member of the 'Five Eyes' Intelligence network ?

(A) Japan  
(B) Nepal  
(C) India  
(D) China

52. What was the theme of the World Sustainable Development Summit, 2020 ?

(A) Towards 2030 Goals : Making the Decade Count  
(B) Sustainable Energy Across the World  
(C) Attaining SDG before 2030  
(D) Energy and Resources for all

53. Who, among the following persons of Odisha, is the Padma Vibhushan Awardee for 2021 for distinguished service in the field of Arts ?

(A) Shanti Devi

(B) Sudarshan Pattanaik  
(C) Rajat Kumar Kar  
(D) Sudarshan Sahoo

54. The recipient of the Atibadi Jagannath Das Literary Award awarded by the Sahitya Academy of Odisha for 2020 is :

(A) Madhusudan Pati  
(B) Binapani Mohanty  
(C) Rama Chandra Behera  
(D) Rama Kanta Rath

55. The Fresh Water Lake built by India near its Research Station 'Maitri' in the Antarctica is known as :

(A) Bharati  
(B) Dakshin Gangotri  
(C) Priyadarshini  
(D) Dakshin Manasarovar

56. The Mars Perseverance Rover that landed on the Mars on 18th February, 2021 was launched by :

(A) The Republic of Russia  
(B) The United States of America  
(C) The People's Republic of China  
(D) The Republic of India

57. The State of Jammu and Kashmir was made an Union Territory of India with effect from :

- (A) 26th January, 2019
- (B) 5th August, 2019
- (C) 15th September, 2019
- (D) 31st October, 2019

58. The Protest Movement organised at Shaheen Baug in Delhi from 14th December, 2019 to 24th March, 2020 was against :

- (A) The Jammu and Kashmir Re-organization Act, 2019
- (B) The Muslim Women (Protection of Rights on Marriage) Act, 2019
- (C) The Citizenship Amendment Act, 2019
- (D) The Reservation (for Economically Weaker Sections of Citizens) Amendment Act, 2019

59. The Military Skirmishes that occurred between China and India since 5th May, 2020 in the Galwan Valley involved territorial disputes over :

- (A) The Pangong Lake Area
- (B) The Aksai-Chin Area
- (C) The Kargil Area
- (D) The Naku-La Pass Area

60. What was the capital of Vatsa Mahajanapada ?

- (A) Rajghat
- (B) Kausambi
- (C) Ujjayini
- (D) Ahichchhatra

61. Which of the following sources indicate that the last Mauryan ruler Brihadrath was assassinated by Pushyamitra ?

- (A) Inscriptions
- (B) Gargi Samhita
- (C) Puranas
- (D) Harshacharita

62. Who among the Gupta Rulers was first to bear higher political title of *Maharajadhiraja* ?

- (A) Srigupta
- (B) Chandragupta I
- (C) Samudragupta
- (D) Chandragupta II

63. Who overthrew the Rashtrakutas in 973 AD ?

- (A) Taila II of Western Chalukya
- (B) Rajendra 1 of Chola
- (C) Parantaka 1 of Chola
- (D) None of these

64. Which of the following Mughal sources was translated into Persian by Painda Khan ?

(A) *Babumama*  
(B) *Humayun Namah*  
(C) *Khulasat ul Akhbar*  
(D) *Tarikh I salatin I Afghana*

65. Who was the author of *Tarikh I Daudi* ?

(A) Niamatullah  
(B) Abdullah  
(C) Ahmad Yadgar  
(D) Abul Fazl

66. Who had prepared the proclamation known as mahzar issued in September, 1579 ?

(A) Abul Fazl  
(B) Faizi  
(C) Sheikh Mubarak  
(D) Sheikh Abdun Nabi

67. What was the term used for the religious officer in Mughal Administration ?

(A) *Mir Saman*  
(B) *Muhtasib*  
(C) *Mir I Atish*  
(D) *Mir I Bahr*

68. British concluded Treaty of Surat in 1775 with :

(A) Narayan Rao  
(B) Madhav Rao  
(C) Raghunath Rao  
(D) Vinayak Rao

69. Which of the following land revenue settlement was first to have concluded with the village community ?

(A) Permanent Settlement  
(B) Mahalwari Settlement  
(C) Ryotwari Settlement  
(D) None of these

70. What was the title of the first newspaper published by James Augustus Hickey ?

(A) The Bengal Journal  
(B) The Calcutta Chronicle  
(C) The Madras Courier  
(D) The Bengal Gazette

71. Who compared the Salt March of Gandhi to Napoleon's march to Paris on his return from Elba ?

(A) Jawaharlal Nehru  
(B) Subhash Chandra Bose  
(C) Motilal Nehru  
(D) Rabindranath Tagore

72. Who founded the Deccan Educational Society ?

(A) Ranade  
(B) G. K. Gokhale  
(C) Dadabhai Naoroji  
(D) None of them

73. Who was the Chairman of the First Famine Commission in 1880 ?

(A) Sir Richard Strachey  
(B) Sir Mac Donnel  
(C) J. B. Lyall  
(D) T. Morrisson

74. The Middle Himalayan Range originated in :

(A) Eocene  
(B) Miocene  
(C) Oligocene  
(D) Pliocene

75. Which of the following is not an example of a Block mountain ?

(A) Vosges Mountain  
(B) Western Ghats Mountain  
(C) Salt Range  
(D) Sierra Nevada

76. Which of the following tributaries of Indus river emerges from the Pir Panjal Range ?

(A) Satluj  
(B) Ravi  
(C) Chenab  
(D) Jhelum

77. Which of the following pairs is not correctly matched ?

(A) Stack – Sea Waves  
(B) Bajada – Winds  
(C) Kame – Rivers  
(D) Lappies – Ground Water

78. Which of the following is not correctly matched ?

(A) Benguela Current – South Atlantic  
(B) Irminger Current – North Pacific  
(C) Peru Current – South Pacific  
(D) Mozambique Current – Indian Ocean

79. Which of the following is not correctly matched ?

(A) Tulbul Project – Jhelum River  
(B) Koteswar Project – Tapti River  
(C) Dulhasti Project – Chenab River  
(D) Sardar Sarovar Project – Narmada River

80. Which of the following human races has woolly hairs ?

(A) Negroid  
(B) Mongoloid  
(C) Caucasoid  
(D) Australoid

81. In which of the following demographic transition stages, the intensive subsistence farming is prevalent ?

(A) Stage – I  
(B) Stage – II  
(C) Stage – III  
(D) Stage – IV

82. It is 12 noon at Greenwich. What will be the time at a place situated at  $60^{\circ}$  East Longitude ?

(A) 2 am  
(B) 2 pm  
(C) 4 am  
(D) 4 pm

83. What is the significance of Dakshin Gangotri ?

(A) It is a research station near South Gangotri glacier over Himalayas  
(B) It is a research station south of river Ganga near Rishikesh

84. (C) It is a scientific base station in Antarctica  
(D) It is a scientific base station at South Pole

84. In India, El Nino is very often associated with :

(A) A good monsoon weather with heavy rain and good yield of crops  
(B) A bad monsoon weather with low rain and crop failure  
(C) A bad monsoon weather with no rain and crop failure  
(D) A normal monsoon weather with no adverse effect on crops

85. In the atmosphere which of the following carries the ozone layer ?

(A) Exosphere  
(B) Ionosphere  
(C) Stratosphere  
(D) Troposphere

86. Which of the following is a predominant species of the deciduous forests of Odisha ?

(A) Mahogany  
(B) Red wood  
(C) Sal  
(D) Teak

87. Slash and burn cultivation relates to which of the following ?

(A) Intensive cultivation  
(B) Extensive cultivation  
(C) Subsistence agriculture  
(D) Commercial agriculture

88. The Ideal of 'Welfare State' in the Indian Constitution is enshrined in its :

(A) Preamble  
(B) Directive Principle's of State Policy  
(C) Fundamental Rights  
(D) Seventh Schedule

89. Who, as per the provisions of the Constitution, declares an area as a Scheduled Area ?

(A) Prime Minister  
(B) President of India  
(C) Governor  
(D) Speaker of the Legislative Assembly

90. The Concurrent List in the Constitution of India was adopted from :

(A) Switzerland  
(B) Australia  
(C) Canada  
(D) France

91. Which Schedule of the Constitution of India distributes power between the Union and the States ?

(A) First Schedule  
(B) Second Schedule  
(C) Sixth Schedule  
(D) Seventh Schedule

92. Mandamus is a writ issued by the Apex Court :

(A) Asking a public official or any authority to perform legal duties  
(B) Enquiring into the legality of claim of any person to public office  
(C) Asking a person who has detained any other persons to appear before a court  
(D) Against any lower court not to do any act excess of their jurisdiction

93. Any money bill cannot be introduced in the Parliament without the consent of the :

(A) Prime Minister of India  
(B) Union Finance Minister  
(C) The Speaker of the Lok Sabha  
(D) The Chairman of the Rajya Sabha

94. The first state in India which was created on linguistic basis :  
(A) Andhra Pradesh  
(B) Haryana  
(C) Gujarat  
(D) Kerala

95. The Right to Education for all between 6 and 14 years of age has been included as a Fundamental Right in the year :  
(A) 1998  
(B) 2001  
(C) 2002  
(D) 2000

96. One of the following now is not a Department of Finance Ministry :  
(A) Department of Economic Affairs  
(B) Department of Expenditure  
(C) Department of Revenue  
(D) Department of Banking Affairs

97. The All India Whips Conference is organised by :  
(A) Ministry of Parliamentary Affairs

(B) Chief Ministers of States  
(C) Speaker of Lok Sabha  
(D) Vice-President of India

98. The purpose of Uniform Civil Code incorporated in Article 44 of Indian Constitution is for :  
(A) National Security  
(B) Cultural Integration  
(C) National Unity  
(D) Welfare of Minorities

99. Policy as Rational choice in competitive situation is :  
(A) Game Theory  
(B) Rational Theory  
(C) Group Theory  
(D) Systems Theory

100. Keeping control over delegated legislation is the power of :  
(A) Rajya Sabha  
(B) Lok Sabha  
(C) Prime Minister  
(D) Supreme Court