

READ INSTRUCTIONS BEFORE FILLING ANY DETAILS OR ATTEMPTING TO ANSWER THE QUESTIONS.

Booklet Sr. No.

106033



Question Booklet
Series

A

Candidate's Name _____

Father's Name _____

Date of Birth :
D D M M Y Y Y Y

Category Code*

(* As given in the Admit Card)

OMR Response Sheet No. _____ Roll No. _____

Candidate's Signature :

(Please sign in the box)

[Total Questions : 100]

Time Allowed : 2:00 Hours]

INSTRUCTIONS

1. The candidate shall NOT open this booklet till the time he/she is told to do so by the Invigilation Staff. However, in the meantime, the candidate can read these instructions carefully and subsequently fill the appropriate columns given above in CAPITAL letters. The candidate may also fill the relevant columns (other than the columns related to marking responses to the questions) of the Optical Mark Reader (OMR) response sheet, supplied separately.
2. Use only BLUE OR BLACK ball point pen to fill the relevant columns on this page. Use of fountain pen may leave smudges, which may make the information given by the candidate here illegible.
3. The candidate shall be liable for any adverse effect if the information given above is wrong or illegible.
4. The candidate must fill all the columns given above on this page and sign at the appropriate place.
5. Each candidate is required to attempt 100 questions in 120 minutes, except for visually impaired candidates, who would be given 40 minutes extra, by marking correct responses on the OMR sheet which would be supplied separately to the candidates.
6. The candidate must write the following on the OMR sheet :
 - (a) Serial number of OMR sheet supplied to him/her for marking the responses to the questions.
 - (b) Serial number of the question booklet.
 - (c) Series of the question booklet. Failure to do so may lead to cancellation of candidature or any other action which the Commission may deem fit.
7. The candidate should darken the appropriate response to the question by completely darkening the appropriate circle/oval according to his/her choice of response i.e. a, b, c or d in the manner shown in the example below :
8. Partly darkening the circle/oval on the OMR response sheet or using other symbols such as tick mark or cross would not result in evaluation of the response as the OMR scanner can only interpret the answers by reading the darkened responses in the manner explained in preceding paragraph. Darkening more than one circle/oval as response to a question shall also be considered as wrong answer.
9. The candidates shall ensure that the responses are marked in correct manner and any adverse impact due to wrong marking of responses would be the responsibility of the respective candidate. The following are some of the examples of wrong marking of responses on the OMR response sheet :
10. The candidates, when allowed to open the question paper booklet, must check the booklet to confirm that the booklet has complete number of pages, the pages are printed correctly and there are no blank pages. In case there is any such error in the question paper booklet the candidate should immediately bring this fact to the notice of the Invigilation Staff and obtain a booklet of the same series as given earlier.
11. The serial number of the new booklet should be entered in the relevant column of the OMR sheet. The Invigilation Staff must make necessary corrections in their record regarding the change in the serial no. of question booklet.
12. The question paper booklet has 16 pages.
13. Each question shall carry three marks.
14. There are four options for each question and the candidate has to mark the MOST APPROPRIATE answer on the OMR response sheet using blue or black ball point pen.
15. There is no negative marking for wrong answers or questions not attempted by the candidate.

(A - 1)

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1. Normal goods and Inferior goods are related to
 - (a) The Law of Demand
 - (b) Supply Curve
 - (c) Income Tax
 - (d) None of the above
2. The Greek Ambassador Megasthenes came to India during the time of which of the following Mauryan kings ?
 - (a) Chandragupta
 - (b) Chandragupta Vikramaditya
 - (c) Ashoka
 - (d) Samudragupta
3. Who was the Chairman of the Fourteenth Finance Commission ?
 - (a) Dr. Raghuram Rajan
 - (b) Dr. Y. Venugopal Reddy
 - (c) Dr. C. Rangarajan
 - (d) Mr. Arun Jaitley
4. Who introduced the Permanent Settlement of 1793 ?
 - (a) Robert Clive
 - (b) Cornwallis
 - (c) John Shore
 - (d) Philip Francis
5. The National Income of our country is the
 - (a) Gross Domestic Product
 - (b) Gross National Product
 - (c) Gross Domestic Product less depreciation
 - (d) Gross National Product less depreciation
6. Which of the following revenue settlements did the British introduce in Punjab ?
 - (a) Permanent Settlement
 - (b) Ryotwari Settlement
 - (c) Mahalwari Settlement
 - (d) Taluqdari Settlement
7. Which one of the following statements about the Welfare State is correct ?
 - (a) A Welfare State is the same as a Socialist State.
 - (b) The Welfare State is based on the principles of Classical Liberalism.
 - (c) The Welfare State is a Collectivist State.
 - (d) The Welfare State embodies the principles of Neoliberalism.
8. Economics is the study of
 - (a) Production Technologies
 - (b) Consumer Prices
 - (c) How to run the society
 - (d) How the society decides what to produce, for whom to produce and how to produce
9. In a mixed economy set-up
 - (a) Economic decisions are taken by the corporates
 - (b) Economic decisions are taken by the government and the market
 - (c) Economic decisions are only taken by private individuals
 - (d) Economic decisions are left for a later day

10. Match the following :

- | | |
|------------------|------------------------------|
| i. Punjab Kesari | 1. Bal Gangadhar Tilak |
| ii. Maratha | 2. Lala Jagat Narain |
| iii. Anadamath | 3. Rabindranth Tagore |
| iv. Gora | 4. Bankim Chandra Chatterjee |

- (a) i - 3, iii - 1, ii - 4, iv - 2
(b) i - 4, iv - 1, iii - 2, ii - 3
(c) i - 1, ii - 2, iii - 3, iv - 4
(d) i - 2, ii - 1, iii - 4, iv - 3

11. The curve that measures income inequality is the

- (a) The Philips curve
(b) The Engel's curve
(c) The Indifference curve
(d) The Gini-Lorenz curve

12. The Battle of Plassey was fought between

- (a) English East India Company and the Nawab of Bengal
(b) Mysore and the Marathas
(c) The Rajputs and the Mughals
(d) The Mughals and the Afghans

13. The GST will be levied by

- (a) The Centre alone
(b) The Centre and the States simultaneously across the value chain
(c) Income Tax Department
(d) None of the above

14. The basic objective of social forestry is

- (a) Greater urbanisation
(b) Increasing the green coverage
(c) Using forest land to build homes
(d) Bringing safe drinking water to rural households

15. Who founded the Ghadar party in 1913 ?

- (a) Lala Hardayal
(b) Lala Lajpat Rai
(c) Bhagat Singh
(d) Udham Singh

16. In Economics, a 'market' is

- (a) A place where shops are selling goods
(b) A place where fruits are sold
(c) A place where buyers and sellers meet
(d) A place where prices are found

17. Who wrote the book *Poverty and Un-British Rule in India* ?

- (a) R.C. Dutt
(b) Dadabhai Naoroji
(c) Mahatma Gandhi
(d) Rabindranath Tagore

18. The Jallianwala Bagh massacre is associated with which of the following Movements ?
- (a) Rowlatt Satyagraha
 - (b) Non-Cooperation Movement
 - (c) Civil Disobedience Movement
 - (d) Quit India Movement
19. Who was the first Indian ruler who inscribed his messages on rocks and stone pillars ?
- (a) Akbar
 - (b) Ashoka
 - (c) Chandragupta Maurya
 - (d) Harshvardhan
20. The inspiration of "Liberty, Equality and Fraternity" was derived from
- (a) French Revolution
 - (b) American Revolution
 - (c) Russian Revolution
 - (d) Italian Revolution
21. Which one of the following describes India as a Secular State ?
- (a) Fundamental Rights
 - (b) Directive Principles of State Policy
 - (c) Preamble of the Constitution
 - (d) Fifth Schedule
22. Which Constitutional Amendment Act deals with Panchayati Raj Institutions in India ?
- (a) 25th Amendment Act
 - (b) 34th Amendment Act
 - (c) 73rd Amendment Act
 - (d) 74th Amendment Act
23. Which among the following is *not* a source of Government's tax revenue ?
- (a) Income tax
 - (b) Stamp duties
 - (c) Import duties
 - (d) Dividends from public sector enterprises
24. Which of the following is *not* a Fundamental Right ?
- (a) Right to Life
 - (b) Right to Property
 - (c) Right to Education
 - (d) Right to Equality
25. Who among the following is *not* appointed by the President of India ?
- (a) The Governor
 - (b) The Chief Justice of the Supreme Court
 - (c) The Chief Justice of the High Court
 - (d) The Vice-President of India

26. The Law of Demand states that when the price of a commodity increases,
- (a) The quantity demanded normally falls
 - (b) The quantity demanded remains the same
 - (c) The quantity demanded goes up
 - (d) It has no effect on the quantity demanded

27. Where was Lala Lajpat Rai deported without trial in 1907 ?

- (a) Rangoon
- (b) Mandalay
- (c) Andamans
- (d) Nicobar Islands

28. In which case did Supreme Court of India determine that the Parliament has the power to make amendments in the Fundamental Rights but it cannot make any change in the 'basic structure of the Constitution'?

- (a) Golak Nath case
- (b) Keshavanand Bharati case
- (c) Bela Banerjee case
- (d) Minerva Mills case

29. What is the most unique feature of the Harappan civilization ?

- (a) Agricultural development
- (b) Road construction
- (c) Urban planning
- (d) Temple construction

30. Ibn Batuta, the 14th century traveller to India was from

- (a) Syria
- (b) Iraq
- (c) Iran
- (d) Morocco

31. Writ of Mandamus is

- (a) An order to produce the body of a person
- (b) An order from a superior court to any official to show his right to the office
- (c) An order from a higher court to stop proceedings in a certain case
- (d) A writ from a superior court commanding some officer or particular authority to do a specific act

32. A Money Bill passed by the Lok Sabha is deemed to have been passed by the Rajya Sabha even when no action is taken by the Upper House within

- (a) 10 days
- (b) 14 days
- (c) 20 days
- (d) 30 days

33. What did Mahatma Gandhi do towards the end of the Dandi March in 1930 ?

- (a) Addressed a public meeting
- (b) Broke the salt law by boiling sea water
- (c) Met the Viceroy
- (d) Spoke about Ahimsa

34. Which among the following is **not** a part of the Monetary Policy ?

- (a) Open market operations
- (b) Reserve requirements
- (c) Bank rate
- (d) Government spending

35. Who is the author of *Ain-i-Akbari* ?

- (a) Akbar
- (b) Abul Fazl
- (c) Firdausi
- (d) Todarmal

36. Union Parliament in India consists of

- (a) Rajya Sabha and Lok Sabha
- (b) Prime Minister, Rajya Sabha and Lok Sabha
- (c) Governor, Rajya Sabha and Lok Sabha
- (d) President, Rajya Sabha and Lok Sabha

37. Who is the Supreme Commander of the Armed Forces in India ?

- (a) The President
- (b) The Prime Minister
- (c) The Defence Minister
- (d) The Chief Justice of the Supreme Court

38. The Sirhind Canal carries water from the river

- (a) Sutlej
- (b) Ravi
- (c) Jhelum
- (d) Beas

39. What was the Government of India Act, 1919 based on ?

- (a) Morley-Minto Reforms
- (b) Montagu-Chelmsford Reforms
- (c) Hunter Commission Report
- (d) Nehru Report

40. The Chairman of the Public Accounts Committee of the Parliament is appointed by

- (a) The Speaker of the Lok Sabha
- (b) The Prime Minister of India
- (c) The President of India
- (d) The Chairman of the Rajya Sabha

41. Halos are seen around the Sun and Moon through a/an _____ cloud.

- (a) Altocumulus
- (b) Stratocumulus
- (c) Cirrostratus
- (d) Stratocumulus

42. If two substances react and the temperature of the mixture increases, the reaction is

- (a) Endothermic
- (b) Not one that produces anything new
- (c) One that requires a catalyst
- (d) Exothermic

43. The daily range of temperature is greater in
(a) Coastal areas
(b) Small islands
(c) Interior regions
(d) High mountain summits
44. A solar eclipse occurs when the
(a) Sun is in between the Earth and the Moon
(b) Moon is in between the Earth and the Sun
(c) Moon passes directly between the Sun and the Earth and the shadows fall upon the Earth's surface
(d) Both (b) and (c)
45. Which of the following is a riverine port?
(a) Kolkata
(b) Visakhapatnam
(c) Cochin
(d) Mormugao
46. A large molecule with many repeating structural units is a
(a) Polymer
(b) Monomer
(c) Polypeptide
(d) Polythene
47. During winter, north-western India gets rain from
(a) Thunderstorms
(b) Retreating monsoons
(c) Western disturbances
(d) Tropical cyclones
48. The voltmeter is a measuring instrument used for measuring electric potential difference between two points in an electric circuit. It is always connected in _____ across the points between which the potential difference is to be measured.
(a) Series
(b) Parallel
(c) Either series or parallel
(d) Neither in series or parallel
49. The Dehar Power House is associated with which Project?
(a) Nangal Dam
(b) Pandoh Dam
(c) Rihand Dam
(d) Tungabhadra Dam
50. Transition metal compounds are usually
(a) White
(b) Black
(c) Coloured
(d) Colourless
51. The shortest distance between any two points on the Earth is measured along a
(a) Meridian
(b) Latitude
(c) Loxodrome
(d) Great Circle

52. An electric fuse is based on

- (a) Heating effect of current
- (b) Chemical effect of current
- (c) Magnetic effect of current
- (d) None of these

53. The bearing for the direction NNW is

- (a) 270 degrees
- (b) 22.5 degrees
- (c) 315 degrees
- (d) 337.5 degrees

54. Landscapes produced by the work of winds are called

- (a) Eolian
- (b) Karst
- (c) Fluvial
- (d) Glacial

55. Arrange the following cities from East to West :

1. Ludhiana
2. Barnala
3. Mansa
4. Sardulgarh

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

56. The khadar floodplains of Punjab are called

- (a) Bet
- (b) Pat
- (c) Rohi
- (d) Dhrian

57. The metal extracted from the ore bauxite is

- (a) Aluminium
- (b) Gold
- (c) Iron
- (d) Tungsten

58. A symbiotic relationship between two organisms of different species in which one derives some benefits while the other is unaffected is

- (a) Mutualism
- (b) Commensalism
- (c) Parasitism
- (d) Competition

59. Which one of the following is a correct sequence of velocity of sound v_s in glass, iron, air and water ?

- (a) $v_s(\text{glass}) > v_s(\text{iron}) > v_s(\text{air}) > v_s(\text{water})$
- (b) $v_s(\text{air}) > v_s(\text{water}) > v_s(\text{iron}) > v_s(\text{glass})$
- (c) $v_s(\text{glass}) > v_s(\text{iron}) > v_s(\text{water}) > v_s(\text{air})$
- (d) $v_s(\text{iron}) > v_s(\text{glass}) > v_s(\text{water}) > v_s(\text{air})$

60. Order the doabs of Punjab from east to west.
- Bist Jalandhar
 - Bari
 - Rachna
 - Chaj
- (a) i, ii, iii, iv
(b) ii, iii, iv, i
(c) iii, i, ii, iv
(d) i, iv, iii, ii
61. In which of the following cases does the potential energy decrease?
- (a) At each phase change of water, ice to water or water to water vapour
(b) On stretching a spring
(c) On moving a body against gravitational force
(d) When any solid melts
62. The term 'Regur' refers to
- (a) Deltaic alluvial soil
(b) Lateritic soil
(c) Black cotton soil
(d) Red and yellow soils
63. Two argon atoms are attracted to each other due to
- (a) Ionic bond
(b) Covalent bond
(c) Van der Waals force
(d) Hydrogen bond
64. While travelling from east to west one can remain
- (a) On the same latitude
(b) On the same longitude
(c) Both on the same latitude and on the same longitude
(d) Neither on the same latitude nor on the same longitude
65. Which of the following statements is true with reference to sound waves?
- (a) Human ear is capable of detecting sound waves ranging between 20 Hz and 20000 Hz.
(b) Sound waves in air are transverse waves.
(c) Sound generally travels faster in gases and liquids than in solids.
(d) Sound can travel through vacuum.
66. Which of the following rulers confirmed Ranjit Singh as the Governor of Lahore in 1799?
- (a) Zaman Shah
(b) Ahmad Shah Abdali
(c) Shah Shuja
(d) Ahmad Shah Durrani
67. The elements fluorine, chlorine, bromine and iodine are collectively called
- (a) Chalcogens
(b) Halogens
(c) Transition elements
(d) Lanthanide elements

68. Which district of Punjab has the largest population according to the Census of India, 2011 ?

- (a) Jalandhar
- (b) Amritsar
- (c) Ludhiana
- (d) Firozpur

69. Bifocal lens is used by a person who has

- (a) Astigmatism
- (b) Myopia
- (c) Hypermetropia
- (d) Presbyopia

70. Which of the following is a Rabi crop ?

- (a) Wheat
- (b) Jowar
- (c) Bajra
- (d) Rice

71. Who among the following was popularly known as 'Punjab Kesari' ?

- (a) Ranjit Singh
- (b) Lala Lajpat Rai
- (c) Duleep Singh
- (d) Bhagat Singh

72. Who is the creator of the iconic Rock Garden ?

- (a) Master Tara Singh
- (b) Ms. Amrita Pritam
- (c) Kaptan Singh Solanki
- (d) Nek Chand

73. Which of the following island has been named Abdul Kalam Island ?

- (a) Strait Island
- (b) Wheeler Island
- (c) Sriharikota
- (d) Great Nicobar

74. Which bank joined the Indian banking industry recently ?

- (a) Kotak Mahindra Bank
- (b) Bandhan Bank
- (c) IndusInd Bank
- (d) Yes Bank

75. Which one of the following wetlands is **not** in Punjab ?

- (a) Rudrasagar
- (b) Harike
- (c) Ropar
- (d) Kanjli

76. Deep Asha, a clone of wild buffalo of female species developed in Haryana, originally belongs to one of the following states :
- (a) Madhya Pradesh
 - (b) Haryana
 - (c) Chhattisgarh
 - (d) Andhra Pradesh
77. What is the old name of Punjab ?
- (a) Sapta Sindhu
 - (b) Sapta Rishi
 - (c) Sapta-Aba
 - (d) Panj-Ab
78. Punjab shares its borders with how many states ?
- (a) 3
 - (b) 4
 - (c) 5
 - (d) 6
79. On November 6, 2015, India signed an agreement with which of the following countries to share hydrological data ?
- (a) China
 - (b) Afghanistan
 - (c) Pakistan
 - (d) Nepal
80. Which of the following statements is true about Pradhan Mantri Fasal Bima Yojana (PMFBY) ?
- i. Farmer's premium has been kept between 1.5 to 2 percent for foodgrain and 5 percent for horticultural and cotton crops.
 - ii. PMFBY will commence from the Kharif season of 2016.
 - iii. It will work along with the National Agriculture Insurance Scheme.
- Choose the correct code.
- (a) ii and iii
 - (b) i and ii
 - (c) i only
 - (d) i, ii and iii
81. According to new series (base year 2011 – 12) of national income statistics, the share of agriculture in total GDP is
- (a) 11.2 percent
 - (b) 37.8 percent
 - (c) 47.2 percent
 - (d) 17.4 percent

82. The Parliament has passed National Waterways Bill, 2015 which works to

- (a) Convert 106 rivers and creeks across India into transport waterways
- (b) Convert 11 rivers and creeks across India into transport waterways
- (c) Convert 107 rivers and creeks across India into transport waterways
- (d) Convert 76 rivers and creeks across India into transport waterways

83. Consider the following pairs :

	National Highway	Cities Connected
i.	NH-1 A	New Delhi-Amritsar
ii.	NH-7	Varanasi-Amritsar
iii.	NH-8	New Delhi-Rajasthan

Which of the above pairs is/are correctly matched ?

- (a) i and ii only
- (b) iii only
- (c) i, ii and iii
- (d) None of the above

84. Ministry of Tourism launched Buddhist Circuit connecting seven Buddhist pilgrimages in India. Which of the following sites is *not* a part of it ?

- (a) Bodh Gaya
- (b) Lumbini
- (c) Sarnath
- (d) Rajgir

85. Who is the Secretary General of the Commonwealth ?

- (a) Kamlesh Sharma
- (b) Ban Ki-Moon
- (c) Patricia Scotland
- (d) Christine Lagarde

86. Which country topped the Global Gender Gap Index-2015 ?

- (a) Norway
- (b) Iceland
- (c) Japan
- (d) New Zealand

87. What is Earth Overshoot Day ?

- (a) When there is excessive heating of planet Earth
- (b) When the actual food production of all the countries combined overshoots the estimated output
- (c) When our annual demand on the planet exceeds what the Earth can regenerate
- (d) When there is excessive production of weapons of mass destruction

88. Which of the following is **not** one of the eight core infrastructure supportive industries ?

- (a) Fertilizers
- (b) Steel
- (c) Textile
- (d) Electricity

89. India's first Action Plan on Climate Change released in 2008 has identified eight core national missions. Which of the following is **not** one of them ?

- (a) National Water Mission
- (b) National Solar Mission
- (c) National Wind Mission
- (d) National Mission for Sustaining the Himalayan Ecosystem

90. Which of the following is incorrectly matched ?

- (a) Maheshwar Dam – Narmada
- (b) Sutlej Dam – Chenab
- (c) Tungabhadra – Krishna
- (d) Hirakund – Mahanadi

91. Lentils (masoor) and other pulses are grown in which type of soil ?

- (a) Loamy Soil
- (b) Clayey Soil
- (c) Sandy Soil
- (d) None of the above

92. Which of the following is a non-metal that remains liquid at room temperature ?

- (a) Phosphorus
- (b) Bromine
- (c) Chlorine
- (d) Helium

93. Find out the incorrect pair among the following observances :

- i. International Day of Biodiversity – May 22nd
- ii. World Environment Day – June 5th
- iii. World Soil Day – December 5th
- iv. Earth Overshoot Day – September 19th, 2014

- (a) i only
- (b) iv only
- (c) ii only
- (d) All are correct

94. Accumulation of mercury into human body leads to the disease

- (a) Itai-Itai
- (b) Methaemoglobinemia
- (c) Minamata
- (d) Polio

95. "Global Dimming" means

- (a) Gradual increase of the temperature of ionosphere
- (b) Gradual loss of biodiversity hotspots
- (c) Gradual reduction in the amount of global direct irradiance at the Earth's surface
- (d) Gradual increase in the melting of ice in polar regions

96. Who has written the book *Silent Spring*

- (a) Rachel Carson
- (b) Al Gore
- (c) Robert Redford
- (d) Rajendra Kumar Pachauri

97. Which of the following is the most stable ecosystem ?

- (a) Desert
- (b) Mountain
- (c) Ocean
- (d) Forest

98. Which of the following is *not* an autonomous region of India ?

- (a) Chandigarh
- (b) Ladakh
- (c) Mara
- (d) Lai

99. Nitrogen constitutes about 78% of the atmosphere

- (a) By weight
- (b) By mass
- (c) By volume
- (d) None of these

100. Which was the largest Indian site of Indus Civilization ?

- (a) Mohenjodaro
- (b) Lothal
- (c) Chanhudaro
- (d) Dholavira