INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS 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.

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.

4. This Test Booklet contains 100 items (questions). 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. No erasing/correction fluid is allowed.

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 (NEGATIVE MARKING) FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.**

    (i) There are four alternatives for the answers to every question. For each question for which a wrong answer has been given by the candidate, one-fourth (0.25) 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 answer happen to be correct and there will be same penalty as above for 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.

11. Use and carrying of Mobile Phone and Electronic Gadget is prohibited in the Examination Hall.
1. Who is the author of *Travels in Kashmir and Ladakh*?
   (A) James Tod
   (B) Vincent Smith
   (C) E.J. Rapson
   (D) G.T. Vigne

2. Who succeeded to the throne of Kangra princely state when Raja Hari Chand I was presumed dead but was actually alive?
   (A) Megh Chand
   (B) Karam Chand
   (C) Suvira Chand
   (D) Dharam Chand

3. Who guided Raja Sahil Varman of Chamba princely state on matters concerning the setting up of new capital of the state at its present location—Chamba?
   (A) Yugakar
   (B) Saumatika
   (C) Yogi Charpatnath
   (D) Turushka

4. Around which year was Moravian Mission with its headquarters at Kyelang (Lahul) set up?
   (A) 1823 A.D.
   (B) 1835 A.D.
   (C) 1853 A.D.
   (D) 1876 A.D.

5. During or about the reign of which raja of Bilaspur princely state his state (and all other Shimla Hill States) became subject and Tributary to the Mughal Empire?
   (A) Gyan Chand
   (B) Fateh Chand
   (C) Megh Chand
   (D) Rattan Chand
6. According to Vikrami Sambat when was a treaty concluded between Maharaja Ranjit Singh of Lahore and Raja Sansar Chand of Kangra by which the Kangra fort and District Sandhata were transferred to the Government of Lahore?

(A) 1853 A.D., Jesthha 5
(B) 1861 A.D., Asad 5
(C) 1866 A.D., Sawan 5
(D) 1867 A.D., Bhadon 5

7. Which raja of Kullu princely state transferred the capital of his state from Naggar to Sultanpur?

(A) Man Singh
(B) Bahadur Singh
(C) Jai Singh
(D) Jagat Singh

8. Which raja of Sirmaur princely state was given the title of Maharaja by the British?

(A) Fateh Parkash
(B) Shamsher Parkash
(C) Amar Parkash
(D) Rajinder Parkash

9. Which raja of Bushahr princely state adopted Surender Shah, the younger brother of Garhwal ruler, as his son because his only surviving son from a concubine, Padam Singh, was considered illegitimate?

(A) Fateh Singh
(B) Shamsher Singh
(C) Kehri Singh
(D) Rudra Singh

10. Around which year did Prem Pracharini Sabha of Dhami princely state converted itself into Dhami Riyasati Praja Mandal?

(A) 1930 A.D.
(B) 1933 A.D.
(C) 1935 A.D.
(D) 1939 A.D.
11. In which year did Himachal Pradesh become a Part C state of the Indian Union?
   (A) 1948 A.D.
   (B) 1949 A.D.
   (C) 1950 A.D.
   (D) 1951 A.D.

12. In which region of H.P. is Chanderkup lake?
   (A) Kinnaur
   (B) Rohru-Jubbal
   (C) Chamba
   (D) Sirmaur

13. Which one of the following streams is a tributary of the Sutlej river?
   (A) Bata
   (B) Asni
   (C) Nogli
   (D) Harla

14. Near which town are Rahla waterfalls?
   (A) Bharmaur
   (B) Nadaun
   (C) Pandoh
   (D) Manali

15. Which one of the following glaciers is not in Chandra Valley of Lahaul?
   (A) Pacha
   (B) Dudhon
   (C) Shili
   (D) Kulti

16. Given below are the names of some mountain peaks of H.P. and the region in which they fall. Find the mismatch.
   (A) Shach .......... Kullu
   (B) Shilla .......... Kinnaur
   (C) Manerang .......... Chamba
   (D) Murangla .......... Lahaul-Spiti
17. Which mountain pass joins Chamba and Jammu?
   (A) Basodan
   (B) Padri
   (C) Dulchi
   (D) Drati

18. Which one of the following areas which were declared difficult and inaccessible by the H.P. Govt. in its notification of 1999 A.D. falls in Mandi District of H.P.?
   (A) Thunag
   (B) Anni
   (C) Sangrah
   (D) Banjar

19. According to mythology which one of the following is considered to be the goddess of snakes?
   (A) Kamna Devi
   (B) Shikari Devi
   (C) Mansa Devi
   (D) Chintpurni

20. Who is the principal God of the Gaddis?
   (A) Visnu
   (B) Shiva
   (C) Vasuki
   (D) Vamdeva
21. According to 2016-17 Economic Survey what was the expected growth rate of economy in H.P. during the 2016-17 year?

(A) 7.5 percent
(B) 8.1 percent
(C) 6.8 percent
(D) 5.9 percent

22. How many L.E.D. bulbs are being provided to the domestic consumers in H.P. at rates cheaper than the open market?

(A) Five
(B) Seven
(C) Ten
(D) Fifteen

23. According to the 2016-17 Economic Survey approximately what percentage of total identified potential of hydro-power in H.P. has been harnessed?

(A) 23.37 percent
(B) 29.67 percent
(C) 33.77 percent
(D) 37.73 percent

24. What is the name of the programme launched in H.P. for popularisation and innovation of Science and Math for the students of 6 to 8 class?

(A) Prayas
(B) Chintan
(C) Khoj
(D) Prayag

25. In how many Districts of H.P. is Swachh Bharat Mission being implemented?

(A) Three
(B) Six
(C) Nine
(D) Twelve
26. Besides Una District, in which two other districts of H.P. *Beti Bachao Beti Padhao* scheme has been started?

(A) Kangra and Hamirpur
(B) Hamirpur and Bilsapur
(C) Bilsapur and Solan
(D) Solan and Mandi

27. In which District of H.P. is Sechu Tuan Nala sanctuary?

(A) Chamba
(B) Shimla
(C) Solan
(D) Bilaspur

28. Identify the correct order in which the marriage ceremonies are performed in H.P.?

(A) Shanti—Samuhat—Lagan—Milni
(B) Samuhat—Shanti—Milni—Lagan
(C) Shanti—Milni—Lagan—Samuhat
(D) Samuhat—Shanti—Lagan—Milni

29. In which building in Shimla town was the residence of Commander-in-chief of India in the beginning of the twentieth century?

(A) Kennedy House
(B) Retreat
(C) Wild Flower Hall
(D) Gorton Castle

30. In which Vidhan Sabha Election Shanta Kumar and Vir Bhadra Singh contested from two constituencies each?

(A) 1985
(B) 1990
(C) 1993
(D) 1998
31. Which one of the following countries is the World’s happiest country according to UN World Happiest Report, 2017?
(A) Norway
(B) Finland
(C) Australia
(D) Holland

32. According to the UN Human Development Report, 2016 India in term of human development is behind:
(1) Sri Lanka
(2) Brazil
(3) South Africa
(4) Nepal
Select the correct answer from the codes given below:
(A) (1) and (4)
(B) (1), (2) and (4)
(C) (1), (3) and (4)
(D) (1), (2) and (3)

33. Which one of the following countries will host 2020 Olympics?
(A) Japan
(B) India
(C) France
(D) USA

34. According to Transparency International Organisation, where does India rank among the 176 countries in the corruption perception Index 2016?
(A) 70th
(B) 76th
(C) 78th
(D) 79th

35. Which one of the following states has the highest female literacy rate?
(A) Mizoram
(B) Goa
(C) Himachal Pradesh
(D) West Bengal
36. 14th Pravasi Bharatiya Divas, 2017 was held in:

(A) Delhi
(B) Chandigarh
(C) Hyderabad
(D) Bengaluru

37. The highest peace time gallantry award Ashok Chakra was conferred on:

(A) Havaldar Hangpan Dada
(B) General Bipin Rawat
(C) Major Rohit Suri
(D) Hav. Prem Bahadur Resmi Magar

38. The Governor of which of the following states resigned following allegations of sexual harassment?

(A) Tripura
(B) Meghalaya
(C) Assam
(D) Nagaland

39. Who among the following is the US Ambassador to the United Nations (2017)?

(A) Jeff Sessions
(B) Nikki Haley
(C) Michael Flynn
(D) Bobby Jindal

40. Which one of the following is the highest Military Award?

(A) Mahavir Chakra
(B) Paramvir Chakra
(C) Shaurya Chakra
(D) Vir Chakra

TBC : AK-9917-RFO—A
41. Which one of the following International airports in India is named after Rajiv Gandhi?
   (A) Bombay Airport
   (B) Delhi Airport
   (C) Bangalore Airport
   (D) Hyderabad Airport

42. Which of the following are communicable diseases?
   (1) Bird Flu
   (2) AIDS
   (3) Diabetes
   (4) Cancer

   Select the correct answer from the codes given below:
   (A) (1) and (2)
   (B) (1) and (4)
   (C) (1), (2) and (3)
   (D) (1), (2) and (4)

43. Who among the following is the author of “Death Under the Devdaars”?
   (A) Margaret Alva
   (B) B.G. Verghese
   (C) Ruskin Bond
   (D) Dr. K.P. Mathur

44. Who among the following won the Hindu Prize 2016?
   (A) Kiran Doshi
   (B) Devi Prasad Dwivedi
   (C) Karan Johar
   (D) Kunal Basu
45. Who among the following women of Indian origin have been Astronauts in space missions till March 2017?

(1) Kalpana Chawla
(2) Shawna Pandya
(3) Sunita Williams
(4) Nikki Haley

Select the correct answer from the codes given below:

(A) (1) and (2)
(B) (1) and (3)
(C) (1), (3) and (4)
(D) (1), (2) and (3)

46. The cultural heritage site 'Hampi' is in:

(A) Maharashtra
(B) Karnataka
(C) Madhya Pradesh
(D) Odisha

47. Which one of the following countries got the highest number of Gold Medals in the 2016 Rio Olympics?

(A) China
(B) Russia
(C) USA
(D) UK

48. What is the number of members in the European Union after Brexit?

(A) 25
(B) 26
(C) 27
(D) 28
49. Which day is celebrated as World Democracy Day?

(A) July 4

(B) September 15

(C) October 24

(D) December 10

50. With which of the following is Sabrimala temple of Kerala associated?

(A) Shri Krishna

(B) Padmanabha Swamy

(C) Lord Ayappa

(D) Mahabali

51. A green plant placed in a bell jar containing KOH and exposed to light, does not show:

(A) Photosynthesis

(B) Respiration

(C) Mineral uptake

(D) Water uptake

52. Saliva contains:

(A) Amylase

(B) Cellulase

(C) Pectinase

(D) Chitinase

53. The longest part of alimentary canal is:

(A) Oesophagus

(B) Stomach

(C) Small intestine

(D) Large intestine
54. Arrange the following parts of human respiratory system from larger to smaller:

(A) Bronchioles > Bronchi > Alveoli > RBC

(B) Bronchi > Bronchioles > Alveoli > RBC

(C) Alveoli > RBC > Bronchi > Bronchioles

(D) Alveoli > Bronchioles > Bronchi > RBC

55. Kala azar is caused by:

(A) Paramecium

(B) Amoeba

(C) Plasmodium

(D) Leishmania

56. The acid which is present in lemon is:

(A) Citric acid

(B) Lactic acid

(C) Tartaric acid

(D) Maleic acid

57. Which of the following is used for producing artificial rain?

(A) Silver nitrate

(B) Silver iodide

(C) Copper oxide

(D) Nitrogen dioxide

58. Water drops are spherical on a flat surface because of:

(A) Viscosity

(B) Density

(C) Surface tension

(D) Vapor pressure
59. Alfred Nobel (Nobel Prize is based on his name) invented:

(A) Telephone
(B) Diesel Engine
(C) Dynamite
(D) Dynamo

60. Which type of mirror is used in the headlights of vehicles?

(A) Plain mirror
(B) Concave mirror
(C) Convex mirror
(D) Parabolic mirror

61. The comments of which the following historian/writer on the nature of the Revolt of 1857 are not given correctly?

(A) V.D. Savarkar calls it the War of Indian Independence
(B) C.A. Bayly calls it an unimportant event glorified by the Nationalist historians
(C) L.E.R. Rees calls it as a war of fanatic religionists against the Christians
(D) T.R. Holmes calls it a conflict between civilization and barbarians

62. Which of the following Factory Acts abolished the child labour?

(A) First Factory Act
(B) Second Factory Act
(C) Both (A) and (B) are correct
(D) None of the above is correct
63. Which of the following is not correct about the Vernacular Press Act?
   (A) It was enacted by Lord Lytton to gag the press
   (B) It was repealed by Lord Ripon
   (C) He was supported by the Law Member of Lord Lytton's Council
   (D) Lytton also took many other measures against the Indians

64. By which Act the British Government introduced for the first time the principle of election in a limited form for the Legislative Councils, through the new professional classes, superseding the landlords?
   (A) Indian Councils Act, 1861
   (B) Indian Councils Act, 1892
   (C) Minto-Morley Reforms, 1909
   (D) Queen's Proclamation, 1858

65. The election for how many seats of the Constituent Assembly took place in 1946?
   (A) 296
   (B) 300
   (C) 290
   (D) 295

66. The names of the Chapekar Brothers who killed W.C. Rand, the notorious chairman of the Poona Plague Commission, were:
   (A) Damodar and Udita
   (B) Balkrishna and Udita
   (C) Damodar and Balkrishna
   (D) Udita and Manohar Padke

67. Which section of Indian society dominated the Congress Sessions in numbers from 1902 to 1909?
   (A) Traders
   (B) Journalists
   (C) Doctors and Teachers
   (D) Lawyers
68. Which of the following is not matched correctly ?

(A) Indian Association—Surendra Nath Banerjea

(B) Depressed Class Mission Society—B.R. Ambedkar

(C) The Muhammadan Literary Society—Nawab Abdul Latif

(D) Congress Socialist Party—Ram Manohar Lohia

69. Shah Nawaj Bhutto was the Dewan of which state in 1947-48 ?

(A) Junagadh

(B) Hyderabad

(C) Kashmir

(D) None of the above

70. What was a sin against man and God, according to Mahatma Gandhi ?

(A) Caste system

(B) Alcoholism

(C) Poverty

(D) Untouchability

71. Which of the following districts of Himachal Pradesh have highest and lowest percentage of urban population respectively ?

(A) Shimla and Solan

(B) Shimla and Kangra

(C) Shimla and Chamba

(D) Shimla and Mandi
72. Which of the following statements is/are true?

(1) India’s GDP grew 7.9% in 2015-16 against an earlier estimation of 7.6%.

(2) Private consumption demand, however has been marginally revised downward, from 7.4% to 7.3 for 2015-16.

(A) (1) is true but (2) is false
(B) (2) is true but (1) is false
(C) Both (1) and (2) are true
(D) Both (1) and (2) are false

73. What is the proposed theme of BRICS Summit 2017 to be held in China?

(A) Building Responsive, inclusive and collective solution
(B) BRICS : Stronger Partnership for a Brighter Future
(C) BRICS Partnership—a powerful Factor of Global Development
(D) Inclusive Growth : Sustainable Solutions

74. According to Census 2011, which of the following Indian states have female literacy lower than the national average?

(A) Gujarat
(B) Himachal Pradesh
(C) Tamil Nadu
(D) Maharashtra

75. Who among the following introduced the concept of Human Development?

(A) Prof. Amartya Sen
(B) Dr. Mahbub-ul-Haq
(C) Prof. Jean Dreze
(D) Paul Krugman
76. What are the targeted Fiscal Deficit and Revenue Deficit respectively for Government of India for the year 2017-18?

(A) 3.2 and 2.5 percent of GDP
(B) 3.2 and 1.9 percent of GDP
(C) 4.0 and 1.9 percent of GDP
(D) 4.2 and 1.9 percent of GDP

77. Arrange the following Indian States in descending order as per sex ratio:

(i) Kerala
(ii) Puduchcheri
(iii) Tamil Nadu
(iv) Andhra Pradesh
(v) Chhattisgarh

(A) (i), (iii), (ii), (iv), (v)
(B) (i), (ii), (iv), (iii), (v)
(C) (i), (ii), (iii), (iv), (v)
(D) (i), (ii), (iii), (v), (iv)

78. The Finance Commission of India was established under which Article of Indian Constitution?

(A) Article 340
(B) Article 280
(C) Article 390
(D) Article 250

79. Which of the following statements is/are true?

(1) The Swachh Bharat Mission was launched on 2nd October, 2014, with a target to make the country clean by 2nd October, 2019

(2) All 4041 statutory towns as per census 2011 are covered under Swachh Bharat Mission

(A) (1) is true but (2) is false
(B) (1) is false but (2) is true
(C) Neither (1) nor (2) is true
(D) Both (1) and (2) are true
80. What is the Government Debt to GDP ratio for India in 2016?
(A) 68.5
(B) 72.5
(C) 74.2
(D) 76.4

81. According to the living planet index, the most important factor in decline in animal populations is:
(A) Exploitation
(B) Habitat degradation and change
(C) Habitat loss
(D) Climate change

82. The aim of Green chemistry is:
(A) To maximize benefits for chemical product development
(B) To design efficient chemical products and processes
(C) To design safe chemical products that reduce or eliminate the use of hazardous material
(D) To utilize non-renewable energy

83. Which of the following group of animals has the highest number of threatened species?
(A) Insects
(B) Mammals
(C) Birds
(D) Amphibians

84. Constructed wetlands can be used to purify:
(A) Municipal wastewater
(B) Industrial wastewater
(C) Storm water rich in particulate and other contaminants
(D) All of the above
85. One of the powerful conservation tools developed on the concept of neoclassical environmental economics:

(A) Polluter pays principle
(B) Environmental Kuznets Curve
(C) Pay for Ecosystem Services
(D) Willingness to Pay

86. Which of the following were once parts of ‘Gondwanaland’?

(A) Asia, Europe and North America
(B) Africa, North America and South America
(C) Africa, Indian subcontinent and Europe
(D) Africa, India, Australia and South America

87. ............... refers to a measure of the area of biologically productive land or sea required to produce resources (material, food and energy) consumed.

(A) Living Planet Index (LPI)
(B) Human Development Index (HDI)
(C) Ecological Footprint (EF)
(D) Happy Planet Index (HPI)

88. The Union Ministry of Environment and Forests was renamed as:

(A) The Union Ministry of Environment, Forests and Renewable Energy
(B) The Union Ministry of Environment, Forests and Earth Sciences
(C) The Union Ministry of Environment, Forests and Sustainable Development
(D) The Union Ministry of Environment, Forests and Climate Change
89. The revised and updated Strategic Plan for Biodiversity 2011-2020, including Aichi Biodiversity Targets outlines:

(A) 5 Strategic goals and 20 targets
(B) 3 Strategic goals and 15 targets
(C) 2 Strategic goals and 10 targets
(D) 1 Strategic goal and 5 targets

90. Which of the following is considered as the supporting ecosystem services?

(A) Soil formation, nutrient cycling, and primary productivity
(B) Climate change
(C) Disease emergence
(D) Ecotourism

91. The Indo-Gangetic plain is located between:

(A) Deccan plateau and Narmada range
(B) Deccan plateau and Aravallis
(C) Peninsular plateau and the Narmada range
(D) Peninsular plateau and Himalayas

92. Which one of the water bodies separates the Andaman from Nicobar?

(A) 11° channel
(B) Gulf of Mannar
(C) 10° channel
(D) Andaman sea
93. Consider the statement(s) related to the green revolution:

(I) Green revolution ensured that there was no regional disparity

(II) There was increase in production of all the food grains and commercial crops

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

(A) Only (I)

(B) Only (II)

(C) Both (I) and (II)

(D) Neither (I) nor (II)

94. Which of the following regions is famous for the Lion-tailed Macaque?

(A) Eastern Ghats of Andhra Pradesh

(B) Western Ghats of Kerala

(C) Shivalik hills of Northern India

(D) Hills of North-East India

95. Consider the following statements:

(I) Continental shelves of Lakshadweep are originated due to coral reefs.

(II) The continental shelves of western coast are due to faulting and submergence.

Which of the statements given above is/are correct?

(A) Only (I)

(B) Only (II)

(C) Both (I) and (II)

(D) Neither (I) nor (II)

96. Match List-I (Mineral ore) with List-II (Location) and select the correct answer using the codes given below the lists:

(a) Uranium (1) Anantapur

(b) Thorium (2) Belgaum

(c) Copper (3) Singhbhumi

(d) Bauxite (4) Travancore

(A) (2) (4) (1) (3)

(B) (2) (1) (4) (3)

(C) (3) (4) (1) (2)

(D) (3) (1) (4) (2)
97. What are the variables which the global gender index examines:

(I) Economic participation and opportunity

(II) Educational attainment

(III) Health and survival

(IV) Political empowerment

Codes:

(A) Only (I) and (II)

(B) Only (I), (II) and (III)

(C) (I), (II), (III) and (IV)

(D) Only (I) and (III)

98. SABLA scheme focuses on:

(A) Destitute women

(B) Adolescent girls

(C) Maternity benefits

(D) Victim of commercial sexual exploitation

99. The Disaster Management Act was enacted in India in the year:

(A) 2006

(B) 2005

(C) 2008

(D) 2007

100. Where does the Cauvery reach the Bay of Bengal?

(A) Krishnapatnam

(B) Kaveripatnam

(C) Mahendragiri

(D) Bhimunipatnam