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S/SP/I/2017

प्रश्न-पुस्तिका क्र०  
Question Booklet No.

1440138

अनुक्रमांक  
Roll No.

2 5 8 1 2 9

परीक्षार्थी अपना अनुक्रमांक दिए गए खानों में लिखें  
Candidate should write his/her Roll No.  
in the given boxesमुद्रित पृष्ठों की संख्या/No. of Printed Pages : 32  
समय/Time : 2 घण्टे/Hoursकुल प्रश्नों की संख्या/Total No. of Questions : 100  
पूर्णांक/Total Marks : 200

## परीक्षार्थियों के लिए निर्देश

1. यह प्रश्न-पुस्तिका दो भाषाओं—हिन्दी व अंग्रेजी में छपी है। परीक्षार्थी अपनी सुविधानुसार कोई भी भाषा चुन सकते हैं।
2. प्रश्न-पुस्तिका में प्रश्नों की निर्धारित संख्या 100 है। परीक्षार्थी आश्वस्त हो ले कि उसके प्रश्न-पुस्तिका में निर्धारित संख्या में प्रश्न मुद्रित हैं, अन्यथा वह दूसरी प्रश्न-पुस्तिका माँग ले।
3. सभी प्रश्न अनिवार्य हैं।
4. सभी प्रश्नों के अंक समान हैं।
5. प्रश्न-पुस्तिका के आवरण पृष्ठ पर प्रश्न-पुस्तिका में लगे पृष्ठों की संख्या दी गई है। परीक्षार्थी आश्वस्त हो ले कि उसके प्रश्न-पुस्तिका में निर्धारित संख्या में पृष्ठ लगे हैं, अन्यथा वह दूसरी प्रश्न-पुस्तिका माँग ले।
6. प्रदत्त उत्तर-पत्र पर दिए निर्देशों को ध्यानपूर्वक पढ़ें तथा अपने उत्तर तदनुसार अंकित करें।
7. कृपया उत्तर-पत्र पर निर्धारित स्थानों पर आवश्यक प्रविष्टियाँ करें, अन्य स्थानों पर नहीं।
8. परीक्षार्थी सभी रफ़ कार्य प्रश्न-पुस्तिका के अंतिम पृष्ठ पर निर्धारित स्थान पर ही करें, अन्यत्र कहीं नहीं तथा उत्तर-पत्र पर भी नहीं।
9. यदि किसी प्रश्न में किसी प्रकार की कोई मुद्रण या तथ्यात्मक प्रकार की त्रुटि हो, तो प्रश्न के हिन्दी तथा अंग्रेजी रूपांतरों में से अंग्रेजी रूपांतर को मानक माना जाएगा।

## INSTRUCTIONS TO THE CANDIDATES

1. This Question Booklet is printed in Hindi and English languages. Candidates should select any one of the two languages according to their convenience.
2. The Question Booklet contains 100 questions. The examinee should verify that the requisite number of questions are printed in the Question Booklet, otherwise he/she should ask for another Question Booklet.
3. All questions are compulsory.
4. All questions carry equal marks.
5. The cover page indicates the number of pages in the Question Booklet. The examinee should verify that the requisite number of pages are attached in the Question Booklet, otherwise he/she should ask for another Question Booklet.
6. Read carefully the instructions given on the Answer Sheet supplied and indicate your answers accordingly.
7. Kindly make necessary entries on the Answer Sheet only at the places indicated and nowhere else.
8. Examinee should do all rough work on the space meant for rough work in the page given at the end of the Question Booklet and nowhere else, not even on the Answer Sheet.
9. If there is any sort of mistake either of printing or of factual nature in any question, then out of the Hindi and English versions of the question, the English version will be treated as standard.

I-D





1. Sound waves travel fastest in

1. श्रवण तरंगों का वेग सबसे अधिक किस माध्यम में चलता है?

- (A) solids
- (B) liquids
- (C) gases
- (D) vacuum

2. In human eyes, the image of an object is formed on

2. मानव आँखों में किसी वस्तु का प्रतिबिम्ब कहाँ बनता है?

- (A) cornea
- (B) iris
- (C) pupil
- (D) retina

3. The kidneys in human beings are a part of system for

3. मानव शरीर में किडनी किस प्रणाली का अंग है?

- (A) nutrition
- (B) transportation
- (C) excretion
- (D) respiration

4. Which of the following diseases is caused by protozoa?

4. निम्नलिखित में से कौन सा रोग प्रोटोजोवा द्वारा फैलता है?

- (A) Cholera
- (B) Diphtheria
- (C) Pneumonia
- (D) Malaria

5. Transfer of heat by convection can take place in

5. गर्मी के संचरण द्वारा ऊष्मा का स्थानान्तरण कहाँ हो सकता है?

- (A) solids and liquids
- (B) solids and vacuum
- (C) gases and liquids
- (D) vacuum and gases

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

6. निम्नलिखित में से कौन सा जोड़ा सही नहीं मिला है?

- (A) Vitamin A—Maculan
- (B) Vitamin B—Maculan
- (C) Vitamin C—James Lind
- (D) Vitamin D—Paul Muller

7. The power of a lens is measured in

- (A) diopetre
- (B) aeon
- (C) lumen
- (D) candela

8. Which of the following is also used as a lubricant?

- (A) Cuprite
- (B) Graphite
- (C) Haematite
- (D) Cryolite

9. The 'laughing gas' is

- (A) hydrogen peroxide
- (B) nitrous oxide
- (C) carbon monoxide
- (D) sulphur dioxide

10. Lightning can even burn a tree because it contains tremendous amount of

- (A) heat energy
- (B) electric energy
- (C) chemical energy
- (D) nuclear energy

11. Eight-year-old Tajamul Islam of J & K is related to which game?

- (A) Squash
- (B) Kickboxing
- (C) Swimming
- (D) Football

12. Who among the following was a Hockey player of Madhya Pradesh?

- (A) Sameer Dad
- (B) Kirti Patel
- (C) Michael Nath
- (D) Amit Banerjee



13. The tradition of which game started with the setting up of the Parsee Club?

(A) Hockey

(B) Football

(C) Cricket

(D) Table Tennis

14. Where is Roop Singh Stadium located?

(A) Gwalior

(B) Indore

(C) Bhopal

(D) Jabalpur

15. With which game is Amitabh Vijayvargiya associated?

(A) Hockey

(B) Football

(C) Cricket

(D) None of the above

16. What was the name of the Cricket World Cup played in 1987?

(A) Reliance Cup

(B) Benson and Hedges Cup

(C) Wills Cup

(D) None of the above

17. In which year was Sachin Tendulkar given the Arjuna Award?

(A) 1990

(B) 1994

(C) 1997

(D) 1999

18. In which year were the Commonwealth Games started?

(A) 1922

(B) 1925

(C) 1927

(D) 1930

19. Which of the following countries has never been a winner in the T-20 Cricket World Cup (Men)?

(A) India

(B) Australia

(C) England

(D) Pakistan

20. In which of the following years were Olympics not held in London?
- (A) 2012  
(B) 1968  
(C) 1948  
(D) 1908
21. The service of the Internet that provides 'audio' and 'video' conversation, is called
- (A) chat  
(B) e-mail  
(C) video conferencing  
(D) video chat
22. Which of the following is not a Web browser?
- (A) Opera  
(B) Google Apps  
(C) Vivaldi  
(D) Mozilla Firefox
23. In the context of computer security, crackers are also known as
- (A) black hat hackers  
(B) white hat hackers  
(C) elite hackers  
(D) script kiddie
24. DuckDuckGo is a
- (A) search engine  
(B) Web browser  
(C) virus  
(D) news Web site
25. Ethernet is an example of
- (A) MAN  
(B) LAN  
(C) WAN  
(D) Wi-Fi
26. A modem converts
- (A) analog signals into digital signals  
(B) digital signals into analog signals  
(C) Both (A) and (B)  
(D) None of the above
27. Which of the following Acts introduced the 'Principle of Constitutional Autocracy'?
- (A) The Indian Councils Act of 1909  
(B) The Government of India Act of 1919  
(C) The Government of India Act of 1935  
(D) The Indian Independence Act of 1947



28. Ghazi Malik was the founder of which dynasty?

- (A) Tughlaq
- (B) Khilji
- (C) Sayyid
- (D) Lodi

29. Who is called the 'Father of Indian Archaeology'?

- (A) Alexander Cunningham
- (B) John Marshall
- (C) Mortimer Wheeler
- (D) James Prinsep

30. Who adorned Ram Mohan Roy with the title of 'Raja'?

- (A) Aurangzeb
- (B) Robert Clive
- (C) Mahatma Gandhi
- (D) Mughal Emperor Akbar II

31. The Act of 1909 was associated with

- (A) introduction of separate electorate
- (B) decentralization
- (C) dyarchy
- (D) legislative councils

32. Whom had Muhammad Ghori defeated in 1194 in the Battle of Chandawar?

- (A) Kumarpal
- (B) Jaichand
- (C) Govindraj
- (D) Bhim II

33. Which dynasty of Delhi Sultanate ruled for the shortest period?

- (A) Khilji
- (B) Tughlaq
- (C) Sayyid
- (D) Lodi

34. An important event of Lord Dufferin's tenure as Viceroy was

- (A) establishment of Ramakrishna Mission
- (B) establishment of Muslim League in Dhaka
- (C) establishment of Indian National Congress
- (D) beginning of the first Census

35. Who among the following was the youngest person to become the President of the Indian National Congress?

- (A) Jawaharlal Nehru
- (B) Abul Kalam Azad
- (C) Ananda Mohan Bose
- (D) Bhupendra Nath Bose

36. From which year was regular and scientific Census started in India?

- (A) 1861
- (B) 1871
- (C) 1881
- (D) 1891

37. Who among the following had not participated in the Second Round Table Conference?

- (A) Mahadev Desai
- (B) Pyarelal Nayyar
- (C) Madan Mohan Malaviya
- (D) Jawaharlal Nehru

38. Which of the following countries does not form border with the Caspian Sea?

- (A) Azerbaijan
- (B) Iran
- (C) Iraq
- (D) Kazakhstan

39. What is Kayal?

- (A) Terai Plain
- (B) Ganges Delta
- (C) Regur of Deccan Plateau
- (D) Lagoon of Kerala



40. Which of the following pairs is not correctly matched?
- (A) Canyon—River  
 (B) Zeugen—Wind  
 (C) Inselberg—Glacier  
 (D) Moraine—Glacier
41. Stromboli is a/an
- (A) dormant volcano  
 (B) active volcano  
 (C) extinct volcano  
 (D) None of the above
42. In which year was the Water Pollution Prevention and Control Act enforced?
- (A) 1980  
 (B) 1974  
 (C) 1981  
 (D) None of the above
43. According to 2011 Census, the density of population in India was
- (A) 325  
 (B) 335  
 (C) 382  
 (D) 385
44. Which of the following pairs is not correctly matched?
- (A) Lipulekh—Uttarakhand  
 (B) Nathu La—Arunachal Pradesh  
 (C) Rohtang—Himachal Pradesh  
 (D) Palghat—Kerala
45. Peneplain is related to
- (A) wind  
 (B) underground water  
 (C) glacier  
 (D) river
46. Which of the following regions is the original habitat of the 'Toda Tribe'?
- (A) Jaunsar Hills  
 (B) Garo Hills  
 (C) Nilgiri Hills  
 (D) Jaintia Hills
47. Where is Ras Tanura Oil Refinery located?
- (A) Iran  
 (B) United States of America  
 (C) Saudi Arabia  
 (D) Iraq



48. What is the botanical name of opium?

- (A) *Embllica officinalis*
- (B) *Papaver somniferum*
- (C) *Rauwolfia serpentina*
- (D) *Cinchona sp.*

49. Smallpox was declared eradicated from the world in

- (A) 1975
- (B) 1980
- (C) 1996
- (D) 2008

50. A bacteriophage is a

- (A) bacterium with a tail
- (B) newly formed bacterium
- (C) bacterium infecting virus
- (D) virus infecting bacterium

51. To study meiosis in plants, the best part would be

- (A) shoot apex
- (B) root apex
- (C) anthers
- (D) leaf cells

52. Which of the following countries did President Pranab Mukherjee visit in May 2016?

- (A) Japan
- (B) Myanmar
- (C) China
- (D) France

53. Sania Mirza's mixed doubles partner Ivan Dodig is from which country?

- (A) Sweden
- (B) Switzerland

- (C) Russia
- (D) Croatia

54. What is the name of that book of Suhel Seth which was released in London in June 2016?

- (A) *Mantras for Success*
- (B) *Dark Horse*
- (C) *Wings of Fire*
- (D) *Masiha*

55. What was the name of the sculpture stolen from the Khajuraho Temple which was handed over by the Prime Minister of Canada to the Indian Prime Minister Narendra Modi?

- (A) Golden Parrot
- (B) Singing Parrot
- (C) Talkative Parrot
- (D) Parrot Lady

56. Which one of the following books is not written by Kalidasa?

- (A) *Meghadutam*
- (B) *Kumarasambhavam*
- (C) *Uttararamacharitam*
- (D) *Ritusamharam*

57. Where is the oldest music college of Madhya Pradesh, 'Madhav Sangeet College' located?

- (A) Raipur
- (B) Indore
- (C) Bhopal
- (D) Gwalior

58. A 'closed economy' is an economy in which

- (A) the money supply is fully controlled
- (B) deficit financing takes place
- (C) only exports take place
- (D) neither exports nor imports take place

59. The period of the 12th Five-Year Plan is

- (A) 2007-2012
- (B) 2012-2017
- (C) 2010-2015
- (D) 2006-2011

60. 'India Vision 2020' is prepared by

- (A) S. P. Gupta Committee
- (B) Panth Committee
- (C) Malhotra Committee
- (D) Narasimham Committee

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

- (A) First World Climate Conference—1979
- (B) First Earth Summit—  
Agenda 21
- (C) Earth Summit + 5—1997
- (D) Carbon Trading—  
Montreal Protocol



62. Which of the following statements is correct with regard to 'International Monetary Fund'?

- (A) It can grant loans to any country.
- (B) It can grant loans to only developed countries.
- (C) It grants loans to member countries only.
- (D) It grants loans to the Central Bank of a country.

63. Who was declared 'Man of the Series' in the India-Zimbabwe One Day Cricket Series in 2016?

- (A) Jasprit Bumrah
- (B) Virat Kohli
- (C) Ajinkya Rahane
- (D) K. L. Rahul

64. The final match of IPL-9 (2016) was played in the stadium of which State?

- (A) Karnataka
- (B) Maharashtra
- (C) Haryana
- (D) West Bengal

65. Who was the author of the book, *Rashmirekha*?

- (A) Gajanan Madhav 'Muktibodh'
- (B) Bal Krishna Sharma 'Naveen'
- (C) Harishankar Parsai
- (D) Bhawani Prasad Mishra

66. In which district of Madhya Pradesh was Chandrashekhar Azad born?

- (A) Khargone
- (B) Gwalior
- (C) Jhabua
- (D) Satna

67. Who among the following was not a king of the Parmar dynasty?

- (A) Upendra
- (B) Munj
- (C) Gangeyadev
- (D) Udayaditya

68. Dhangdev was the ruler of which dynasty?

- (A) Chandelas of Jejakabhukti
- (B) Parmar of Malwa
- (C) Kalchuri of Mahishmati
- (D) Kalchuri of Tripuri

69. At which of the following places was Habib Tanvir born?

- (A) Raipur
- (B) Jhabua
- (C) Indore
- (D) Ratlam

70. Under the Scheduled Castes and Scheduled Tribes (Prevention of Atrocities) Act, 1989, in which Section there is a provision for the arrangement of a Special Court?

- (A) 14
- (B) 17
- (C) 21(1)
- (D) 21(3)

71. In how many days will the investigating officer submit his report for the offences committed under the Scheduled Castes and Scheduled Tribes (Prevention of Atrocities) Act, 1989?

- (A) 15
- (B) 20
- (C) 25
- (D) 30

72. Which one of the following Brahmana texts belongs to the Rigveda?

- (A) Aitareya Brahmana
- (B) Gopatha Brahmana
- (C) Shatapatha Brahmana
- (D) Taittiriya Brahmana

73. The 'Goods and Services Tax' was proposed by a task force, whose President was

- (A) Vijay Kelkar
- (B) Montek Singh Ahluwalia
- (C) Arun Jaitley
- (D) Narsimham



74. When were the Fundamental Duties mentioned in the Constitution?

(A) At the time of framing of Constitution

(B) On 26th January, 1950

(C) In the 42nd Constitutional Amendment

(D) In the 41st Constitutional Amendment

75. The States and the Central Government derive power from

(A) the Constitution of India

(B) the President of India

(C) the Prime Minister of India

(D) the Parliament of India

76. Which of the following may be considered a Pressure Group?

(A) Members of the Lok Sabha

(B) Members of a Panchayat

(C) Members of the Cabinet

(D) Members of a Trade Union

77. Who is the inventor of www?

(A) Bill Gates

(B) Tim Berners-Lee

(C) Timothy Bil

(D) Ray Tomlinson

78. A batsman hits a cricket ball which then rolls on a level ground. After covering a short distance, the ball comes to rest. The ball slows to a stop because

(A) the batsman did not hit the ball hard enough

(B) velocity is proportional to the force exerted on the ball

(C) there is a force on the ball opposing the motion

(D) there is no unbalanced force on the ball, so the ball would try to come to rest

79. Which of the following rulers got the Jantar Mahal of Mandu constructed?

(A) Mahmud Shah Khilji

(B) Alauddin Khilji

(C) Bhoj Parmar

(D) Hoshang Shah

80. Ain-ul-Mulk Multani did not serve under which of the following rulers?

- (A) Alauddin Khilji
- (B) Muhammad bin Tughlaq
- (C) Firoz Tughlaq
- (D) Iltutmish

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

- (A) The President of Switzerland—  
Johann Schneider-Ammann
- (B) The President of Mexico—  
Enrique Peña Nieto
- (C) The President of Namibia—  
Hage Geingob
- (D) The President of Côte d'Ivoire—  
Angela Merkel

82. Which one of the following mountain ranges is spread over only one State in India?

- (A) Aravali
- (B) Satpura
- (C) Ajanta
- (D) Sahyadri

83. The tenure of the Chairman of the National Human Rights Commission is

- (A) 3 years
- (B) 4 years
- (C) 5 years
- (D) 6 years

84. Who among the following was the first leader to organize labour movement in India?

- (A) B. P. Walia
- (B) Lala Lajpat Rai
- (C) N. M. Lokhande
- (D) N. G. Ranga

85. Joe Root is associated with which game?

- (A) Cricket
- (B) Chess
- (C) Polo
- (D) Golf

86. Prime Minister Narendra Modi met Jacob Zuma in July 2016, who is the

- (A) President of Namibia
- (B) President of Qatar
- (C) President of Mexico
- (D) President of South Africa



87. In which year was the Mohun Bagan Club of football founded?
- (A) 1850  
(B) 1879  
(C) 1889  
(D) 1901
88. In which of the following countries, a woman became the President for the first time in May 2016?
- (A) Taiwan  
(B) Myanmar  
(C) Angola  
(D) Namibia
89. Who won the Men's Singles Title of French Open, 2016?
- (A) Ivan Dodig  
(B) Novak Djokovic  
(C) Andy Murray  
(D) Roger Federer
90. Manohar Aich was called 'Pocket Hercules'. He was a/an
- (A) boxer  
(B) athlete  
(C) swimmer  
(D) bodybuilder
91. What are 'Ranjit Sub-1' and 'Bahadur Sub-1'?
- (A) Two fighter planes  
(B) Two submarines  
(C) Two new varieties of paddy  
(D) Two new varieties of wheat
92. In May 2016, Rodrigo Duterte was elected the President of which country?
- (A) Thailand  
(B) Switzerland  
(C) Mexico  
(D) Philippines
93. Who administered the oath of the Chief Minister of West Bengal to Mamata Banerjee on 27 May, 2016?
- (A) Ram Naik  
(B) Keshari Nath Tripathi  
(C) T. S. Thakur  
(D) P. Sathasivam
94. The first Indian State to start State Data Centre (SDC) is
- (A) Telangana  
(B) Rajasthan  
(C) Chhattisgarh  
(D) Himachal Pradesh

95. In which of the following States, Bharatiya Janata Party formed Government for the first time in 2016?
- (A) Assam  
(B) Rajasthan  
(C) Kerala  
(D) Odisha
96. Bhawani Prasad Mishra's birth-place was
- (A) Sagar  
(B) Ujjain  
(C) Indore  
(D) Hoshangabad
97. Sunil Lanba is
- (A) the author of the novel, *Masiha*  
(B) a famous Hindi novelist  
(C) the 23rd Naval Chief of India  
(D) the Director General of Border Security Force
98. Who among the following was elected as the Chairman of world's biggest commercial organization 'the International Chamber of Commerce' in June 2016?
- (A) Mukesh Ambani  
(B) Adi Godrej  
(C) Lakshmi Narain Mittal  
(D) Sunil Bharti Mittal
99. When was the State Bank of India established?
- (A) 1954  
(B) 1955  
(C) 1956  
(D) 1957
100. In which post was the former Police Commissioner of Delhi, B. S. Bassi appointed in May 2016?
- (A) The Chairman of Union Public Service Commission  
(B) The Governor of Meghalaya  
(C) The Director General of Border Security Force  
(D) The Member of Union Public Service Commission