

SEAL

DO NOT OPEN THE SEAL UNTIL INSTRUCTED TO DO SO

Invigilator's signature

Question Booklet No. 200016

F/O/R/EXAMS

2020

GENERAL KNOWLEDGE

Time : 1½ Hours

Maximum Marks : 100

ROLL NO.

INSTRUCTIONS FOR CANDIDATES

1. Immediately after the commencement of the Examination, candidate should check that this Booklet does **NOT** have any unprinted, torn or missing pages/Sl. No. etc. If any defect is found, get it replaced by a Complete Question Booklet.
2. DO NOT write your Name or anything else in the Question Booklet except your Roll No. and signature in the space provided.
3. Enter correct and entire digits of your Roll No. in the appropriate boxes and darken the corresponding bubbles in the OMR RESPONSE SHEET.
4. DO NOT handle your OMR RESPONSE SHEET in such a manner as to mutilate, fold, etc.
5. This Question Booklet contains **100** questions carrying **1** mark each. Each question contains four responses. Choose **only one response/answer** for each question and darken the appropriate bubble on the OMR RESPONSE SHEET.
6. No candidate shall be admitted to the Examination Hall **20 minutes** after commencement of the Examination. The Centre Supdt./Asstt. Centre Supdt. of the Examination Hall will be the time-keeper and his/her decision in this regard is final.
7. Candidates are strictly prohibited to possess any book, notebook or loose paper, calculator, mobile phone, electronic gadgets etc., inside the Examination Hall, except his/her Admit Card and writing materials only.
8. Immediately after the final bell indicating the closure of the Examination, stop markings. Be seated till the OMR RESPONSE SHEET is collected. After handing over the OMR RESPONSE SHEET to the Invigilator and after you have been permitted by the Invigilator to leave, you may leave the examination hall.
9. Violation of any of the above rules will render the candidate liable to be expelled and disqualified from the examination, and according to the nature and gravity of his/her offence, he/she may be debarred from future examinations and interviews to be conducted by the Commission and other such organization (i.e. UPSC, SSC and SPSCs).

NB: CANDIDATES ARE ALLOWED TO TAKE THIS QUESTION BOOKLET ONLY AFTER COMPLETION OF 1½ (ONE AND HALF) HOURS EXAMINATION TIME

DO NOT OPEN THE SEAL UNTIL INSTRUCTED TO DO SO

F/O/R/EXAMS-2020/15

SEAL

SEAL

1. Which of the following is the first metal used by people of India?
 - [A] Iron
 - [B] Bronze
 - [C] Gold
 - [D] Copper
2. What was the main port used by Indus people?
 - [A] Mohenjo Daro
 - [B] Lothal
 - [C] Kalibangan
 - [D] None of the above
3. Which of the following statements is/are true with regard to Harshavardhana?
 1. He ruled Kannauj without taking up any royal insignia.
 2. He was defeated by the Chalukyan ruler Pulakeshin-II.
 3. He defeated the Gauda ruler, Shashanka.
 4. None of the above
 - [A] 1 and 2
 - [B] 2 and 3
 - [C] 4
 - [D] 1, 2 and 3
4. Which of the following was/were the cause(s) of the downfall of the Delhi Sultanate in India?
 - [A] Timur's invasion
 - [B] Weak administration
 - [C] Lack of clear-cut succession policy
 - [D] All of the above
5. Siraj ud-Daulah was defeated by whom in 1757?
 - [A] Lord Clive
 - [B] Lord Cornwallis
 - [C] Warren Hastings
 - [D] Lord Canning
6. Lord Cornwallis introduced which of the following systems in Bengal?
 - [A] Ryotwari Settlement System
 - [B] Subsidiary Alliance System
 - [C] Permanent Settlement System
 - [D] None of the above
7. The All India Nationalist Organization, before Congress, was known as
 - [A] Zamindari Sabha
 - [B] Bombay Presidency Association
 - [C] Indian Association of Culture
 - [D] The Indian Karma Jogi Association
8. What is/are the immediate cause(s) of rise of Extremists in Indian National Movement?
 - [A] The University Act, 1904
 - [B] Exploitative British Rule
 - [C] Restriction of Freedom of Press
 - [D] All of the above
9. In which year the INC was split into two groups in its Surat Session?
 - [A] 1906
 - [B] 1907
 - [C] 1908
 - [D] 1909
10. Which of the following Revolutionary Organizations was formed in London in 1905?
 - [A] Indian Independence League
 - [B] Mitra Mela
 - [C] India House
 - [D] Naujawan Sabha

11. Who of the following was **not** a member of the Interim Cabinet of Interim Govt., 1946?

- [A] Maulana Abul Kalam Azad
- [B] Jogendra Nath Mandal
- [C] Dr. John Mithai
- [D] Sardar Baldev Singh

12. Which of the following is/are given extensive power to interpret the Constitution and Law of India?

- [A] The Parliament
- [B] The President
- [C] The High Court
- [D] All of the above

13. In our Constitution, the inspiration of 'Liberty', 'Equality' and 'Fraternity' was derived from

- [A] Russian Revolution
- [B] American Revolution
- [C] Jew Revolution
- [D] French Revolution

14. The Directive Principal of State Policy is enumerated in which part of our from the Constitution?

- [A] Part-II
- [B] Part-III
- [C] Part-IV
- [D] Part-V

15. Which of the following rights was deleted in amending of Institution from the Constitution in 1978?

- [A] Right to exploitation
- [B] Right to property
- [C] Right to culture
- [D] Right to education

16. Who of the following is/was **not** the Presiding Officer of Arunachal Pradesh Legislative Assembly?

- [A] T. L. Rajkumar
- [B] Toko Dabi
- [C] Lijum Ronya
- [D] None of them

17. The first primary school of Arunachal Pradesh is located at which district?

- [A] East Siang
- [B] Lohit
- [C] Tawang
- [D] Papum Pare

18. Graphite is found in which of the following areas of Arunachal Pradesh?

- [A] Taliha
- [B] Bopi
- [C] Khetabari
- [D] All of the above

19. Which committee was appointed to look into creation of Legislative Assembly in Arunachal Pradesh?

- [A] K. A. A. Raja Committee
- [B] Thungon Committee
- [C] Bhanot Committee
- [D] C. K. Murthy Committee

20. Which is correct in relation to 'Project Tiger' in Arunachal Pradesh?

- 1. Launched in 1983 in Arunachal Pradesh
 - 2. Launched in Namdapha National Park
- [A] 1 is correct
 - [B] 2 is correct
 - [C] 1 and 2 both are correct
 - [D] Neither 1 nor 2 is correct

- 21.** India Biodiversity Award, 2018 was given to the NGO Singchung Bugun Community Reserve in which of the following categories?
- [A] Conservation of flora and fauna
 - [B] Conservation of wildlife species
 - [C] Conservation of orchids
 - [D] All of the above
- 22.** As per 2011 Census, the overall annual population growth of Arunachal Pradesh was
- [A] 2.3 percent
 - [B] 2.4 percent
 - [C] 2.5 percent
 - [D] 2.6 percent
- 23.** How many Parliament Seats are there in Arunachal Pradesh?
- [A] 2
 - [B] 3
 - [C] 4
 - [D] None of the above
- 24.** What is the longest river bridge in North-East India?
- [A] Bogibeel Bridge
 - [B] Saraighat Bridge
 - [C] Kalia Bhomora Bridge
 - [D] Bhupen Hazarika Bridge
- 25.** The Fiscal Budget 2018-19 of Arunachal Pradesh proposes *Mega Food Park* in which place?
- [A] Pasighat
 - [B] Tezu
 - [C] Banderdawa
 - [D] Itanagar
- 26.** Which of the following is **not** a field of human geography?
- [A] Development geography
 - [B] Historical geography
 - [C] Economic geography
 - [D] None of the above
- 27.** Which of the following is/are correct in case of mesosphere?
- [A] It extends above the stratopause
 - [B] In this layer temperature decreases
 - [C] All of the above
 - [D] None of the above
- 28.** Choose the correct answer from the following pairs of Indian States and tribal population :
1. Arunachal Pradesh : Second highest tribal population of State after Mizoram
 2. Madhya Pradesh : Largest tribal population
- [A] Only 1 is correct
 - [B] Only 2 is correct
 - [C] Both 1 and 2 are correct
 - [D] Neither 1 nor 2 is correct
- 29.** The Karakoram Highway connects which pair of countries in the world?
- [A] China-Pakistan
 - [B] China-India
 - [C] India-Nepal
 - [D] India-Pakistan
- 30.** What is true in case of plate tectonics theory?
- [A] It describes regular motions of defense satellite
 - [B] It describes continuous motions of Pluto planet
 - [C] It describes the position of whole earth
 - [D] It describes large scale motions of earth's lithosphere

31. Chemical weathering happens due to

- [A] oxidation
- [B] carbonation
- [C] chelation
- [D] All of the above

32. Match List—I with List—II and select the correct answer using the codes given below the lists :

List—I

List—II

- | | |
|--------------|-------------------|
| a. Anantpur | 1. Punjab |
| b. Bijapur | 2. Rajasthan |
| c. Bharatpur | 3. Karnataka |
| d. Ferozpur | 4. Andhra Pradesh |

Codes :

- | | | | | |
|-----|---|---|---|---|
| [A] | a | b | c | d |
| | 4 | 3 | 1 | 2 |
| [B] | a | b | c | d |
| | 3 | 4 | 1 | 2 |
| [C] | a | b | c | d |
| | 4 | 3 | 2 | 1 |
| [D] | a | b | c | d |
| | 3 | 4 | 2 | 1 |

33. Where is the world famous Veld Grassland located?

- [A] Hungary
- [B] South Africa
- [C] Eurasia
- [D] USA

34. Who was the first man to reach South Pole in Antarctica?

- [A] Roald Amundsen
- [B] Ki Sciуска
- [C] Irwin Mcfisher
- [D] Jeo Ronald Pacio

35. Which soil is suitable for growing cashew in India?

- [A] Red soil
- [B] Saline soil
- [C] Regur soil
- [D] Laterite soil

36. The first express train was flaged off from Naharlagun in Arunachal Pradesh in which year?

- [A] 2015
- [B] 2016
- [C] 2017
- [D] None of the above

37. What is/are the method(s) to measure national income?

- [A] Product method
- [B] Income method
- [C] Consumption method
- [D] All of the above

38. Professor V. K. R. V. Rao is associated with which of the following fields?

- [A] Space technology
- [B] Bullet train project
- [C] Satellite designing
- [D] None of the above

39. Which finance minister introduced Liberalization, Privatization and Globalization (LPG) in India?

- [A] Mr. P. Chidambaram
- [B] Dr. Manmohan Singh
- [C] Mr. Vishwanath Pratap Singh
- [D] Mr. Pranab Mukherjee

40. PURA strategy was envisaged by which of the following persons?

- [A] Narendra Modi
- [B] Shankar Dayal Sharma
- [C] A. P. J. Abdul Kalam
- [D] P. V. Narasimha Rao

41. What is true in case of National Development Council?

- [A] Gives final approval to Five-Year Plan
- [B] Plans defense procurements
- [C] Approves foreign investments
- [D] Plans managing of public sector firms

42. Which of the following regulates the stock market in India?

- [A] IRDA
- [B] SEBI
- [C] PFRDA
- [D] BSE

43. Where is the WTO headquarters located?

- [A] Luxemburg
- [B] Berlin
- [C] Geneva
- [D] New York

44. GST implemented in which year?

- [A] 1st January 2016
- [B] 1st July 2017
- [C] 1st April 2018
- [D] None of the above

45. What is correct in case of Vote on Account?

- [A] Account to be transferred to State Government
- [B] An estimate of advance payments for government departments
- [C] Vote of the Parliament members for No-Confidence Motion
- [D] None of the above

46. Ball bearings are used in bicycles, motor cars, etc., because

- [A] the effective area of contact between wheel and axle is maintained
- [B] the actual area of contact between the wheel and axle is increased
- [C] the effective area of contact between the wheel and axle is reduced
- [D] None of the above

47. The law of conservation of energy says

- [A] energy cannot be created
- [B] energy cannot be destroyed
- [C] energy can be transformed from one form to another
- [D] All of the above

48. Which of the following is/are nearly perfect plastic body/bodies?

- [A] Paraffin wax
- [B] Putty
- [C] All of the above
- [D] None of the above

49. What is **not** correct in case of Doppler's effect?

- [A] It is used to guide aircraft in airports
- [B] It is used in ocean research
- [C] It is used to study heart beats
- [D] It is used to check speed of vehicle

50. Video tape was invented by whom?

- [A] Charles Ginsburg
- [B] Bell labs
- [C] Harry Brearley
- [D] Alexander Catlin

51. What is laughing gas?

- [A] Sulphur dioxide
- [B] Hydrogen peroxide
- [C] Carbon monoxide
- [D] Nitrous oxide

52. Aluminium is extracted from which ore?

- [A] Galena
- [B] Calcite
- [C] Bauxite
- [D] Ferroalloys

53. The recipient of 54th Jnanpith award is

- [A] Amitav Ghosh
- [B] Sitakant Mahapatra
- [C] Preeti Saran
- [D] Rattan Lal

54. Where is world's largest dome located?

- [A] Vatican City
- [B] Pune
- [C] Bodh Gaya
- [D] Colombo

55. India's first hyperloop to come up in which State?

- [A] Delhi
- [B] Tamil Nadu
- [C] Gujarat
- [D] Andhra Pradesh

56. Who is the present Governor of the Reserve Bank of India?

- [A] Arvind Saxena
- [B] Manjula Chellur
- [C] Shaktikanta Das
- [D] None of the above

57. Who of the following is **not** the recipient of Padma Vibhushan Award, 2019?

- [A] A. M. Naik
- [B] B. M. Purandare
- [C] Teejan Bai
- [D] H. V. Shingla

58. Which of the following launched MedWatch 2018?

- [A] ISRO
- [B] Indian Air Force
- [C] IIS, Bangalore
- [D] None of the above

59. India's position as per the Corruption Perceptions Index, 2018 is

- [A] 78
- [B] 81
- [C] 85
- [D] 91

60. Whitley Award is given in which of the following fields?

- [A] Environment protection
- [B] Fiscal management
- [C] Wildlife conservation
- [D] Social inclusiveness

61. The first 'Food Waste' supermarket has been opened in which country?
- [A] India
 - [B] Japan
 - [C] Singapore
 - [D] United Kingdom (UK)
62. Who is the author of the book, *One Day Wonders*?
- [A] Zubin Mehta
 - [B] Arun Jaitley
 - [C] Tim Berners
 - [D] None of them
63. TAFE is famous for making
- [A] tractors
 - [B] aeroplane engines
 - [C] rocket engines
 - [D] X-ray machines
64. The book, *When Breath Becomes Air* is written by
- [A] Janick
 - [B] Radhika Menon
 - [C] Raj Kotwal
 - [D] Zalmay Khalilzad
65. The 7th ASEAN-Indian Tourism Ministers Meeting, 2019 was held in which place?
- [A] Tokyo
 - [B] Ha Long
 - [C] Bali
 - [D] Kuala Lumpur
66. Who discovered 'solar system'?
- [A] Galileo
 - [B] John Hadley
 - [C] Thomas Barrow
 - [D] None of them
67. Which of the following pairs is **not** correctly matched?
- [A] Penicillin : J. Perkins
 - [B] Steam Engine : James Watt
 - [C] Telephone : Graham Bell
 - [D] Television : John Baird
68. The world famous Sun Temple is situated at
- [A] Patna
 - [B] Fatehpur
 - [C] Konark
 - [D] Kanyakumari
69. Who declared that his ultimate aim was to wipe 'every tear from every eye'?
- [A] Sardar Patel
 - [B] Jawaharlal Nehru
 - [C] C. Rajagopalachari
 - [D] Rajendra Prasad
70. Who was the first Indian to swim across English Channel?
- [A] Arati Saha
 - [B] V. Merchant
 - [C] Salli Ride
 - [D] Mihir Sen
71. Which one of the following is different from the rest?
- [A] School
 - [B] Family
 - [C] Society
 - [D] Church
72. As 'Millionaire' is related to 'Wealth', in the same way, 'Intelligent' is related to
- [A] Attentive
 - [B] Capacity
 - [C] Wisdom
 - [D] Smartness

73. Choose the correct answer that will continue the same pattern and fill in the blank :

4, 16, 36, 64, _____, 144.

- [A] 81
- [B] 100
- [C] 121
- [D] 131

74. The total sum of the goods and services produced within a country in a year minus depreciation is called

- [A] net domestic product
- [B] net national product
- [C] net domestic income
- [D] net domestic revenue

75. Choose the correct answer to complete the following series :

DW, HS, LO, _____.

- [A] FU
- [B] JQ
- [C] NM
- [D] PK

76. Choose the correct answer to complete the following series :

O, 15, L, 12, _____, _____, F, 6

- [A] E, 5
- [B] G, 7
- [C] I, 9
- [D] None of the above

77. What is the missing number to complete the given series?

15 : 240, 17 : 306, _____, 21 : 462

- [A] 16 : 362
- [B] 19 : 380
- [C] 20 : 420
- [D] 22 : 496

Directions (For Question Nos. 78 to 80) : Each of the following questions consists of two statements each followed by two conclusions I and II. Take them true even if the given two statements are not consistent with known facts and ascertain applying head to the known facts as to which of the two conclusions from among the given statements come out to be logical :

Codes :

Answer [A] Only the conclusion I is true.

Answer [B] Only the conclusion II is true.

Answer [C] Either conclusion I or the conclusion II is true.

Answer [D] Neither I or II is true

78. Statements :

Some trays are fans.

All fans are bottles.

Conclusions :

I. No bottle is a tray.

II. Some trays are bottles.

79. Statements :

All cars are cats.

All fans are cats.

Conclusions :

I. All cars are fans.

II. Some fans are cars.

80. Statements :

Some mails are chats.

All updates are chats.

Conclusions :

I. All mails being updates is a possibility.

II. No update is a mail.

81. The least number, which is a perfect square and contains 540 as factor is

- [A] 6400
- [B] 7200
- [C] 8100
- [D] 9300

82. A scooter and a family car cost together ₹ 3,00,000. The family car costs 5 times as much as the scooter. The cost of family car is

- [A] ₹ 2,50,000
- [B] ₹ 2,60,000
- [C] ₹ 2,70,000
- [D] ₹ 2,80,000

83. The son is 11 years old and the father is 35 years old. How many years ago was the father 5 times as old as his son?

- [A] 3
- [B] 5
- [C] 7
- [D] None of the above

84. A society collected ₹ 9,21,600. Each member contributed as many rupees as there were members. The number of members was

- [A] 670
- [B] 840
- [C] 860
- [D] 960

85. If Prabhat's income is 20% more than Arif's income, the ratio of their income is

- [A] 1 : 20
- [B] 1 : 5
- [C] 6 : 5
- [D] 1 : 6

86. Mr. Mehta sold a good for ₹ 153 and lost 10%. For how much should he sell to gain 20%?

- [A] ₹ 204
- [B] ₹ 254
- [C] ₹ 320
- [D] ₹ 314

87. Mr. *P* can do a piece of work in 15 days and Mr. *R* in 20 days. With the help of Mr. *T*, they can finish the work in 5 days. How long will it take to Mr. *T* to finish the work?

- [A] 10 days
- [B] 12 days
- [C] 15 days
- [D] 17 days

88. Shatabdi train with 110 meter in length runs through a station at the rate of 36 km per hour. How long will it take to pass a given point?

- [A] 8 seconds
- [B] 9 seconds
- [C] 10 seconds
- [D] 11 seconds

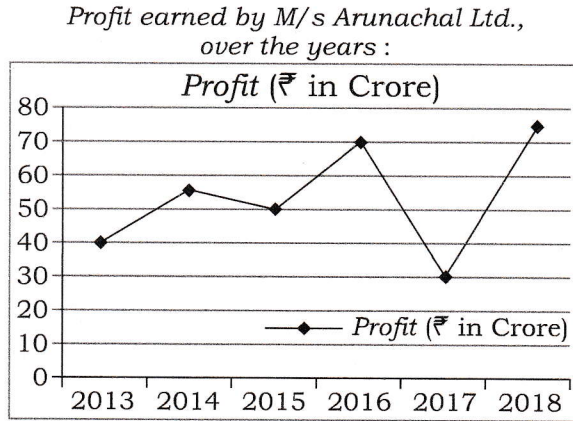
89. If, $(125)^x = 3125$, then x equals to

- [A] $1/3$
- [B] $1/6$
- [C] $5/3$
- [D] $3/2$

90. Which of the following is in ascending order?

- [A] $5/7, 7/8, 9/11$
- [B] $5/7, 9/11, 7/8$
- [C] $7/8, 5/7, 9/11$
- [D] $9/11, 7/8, 5/7$

Directions (For Question Nos. 91 to 94) : Study the following graph carefully to answer the questions that follow :



91. If the sale turnover of M/s Arunachal Ltd. in the year 2016 was ₹ 120 crore, what was the percentage profit on sale turnover of the company in the year 2016?

[A] 49.3% [B] 50.9%
[C] 53.6% [D] 58.3%

92. If the expenditure of M/s Arunachal Ltd. in the year 2017 was ₹ 85 crore, what was the ratio of income to expenditure of the company in the year 2017?

[A] 23 : 17 [B] 5 : 4
[C] 11 : 8 [D] 21 : 17

93. What is the approximate average profit (₹ in crore) earned by M/s Arunachal Ltd. over the years?

[A] 50 [B] 48
[C] 53 [D] 57

94. What is the percentage increase in the profit of M/s Arunachal Ltd. in the year 2016 from the previous year?

[A] 43% [B] 46%
[C] 50% [D] 40%

95. The mean of 25 observations is 36. If the mean of the first 13 observations is 32 and that of the last 13 observations is 39, then the 13th observation is

[A] 21 [B] 23
[C] 26 [D] 28

96. X and Y together can do a work in 12 days, Y and Z together in 15 days. If X is twice as good a workman as Z, then in how many days will Y alone do it?

[A] 12 [B] 17
[C] 20 [D] 28

97. The great man Woodrow Wilson belongs to which country?

[A] Canada
[B] United Kingdom (UK)
[C] Germany
[D] United States of America (USA)

98. How many Government banks merged to Bank of Baroda from 1st April, 2019?

[A] 3 [B] 4
[C] 5 [D] 6

99. Which of the following is/are correct in relation to M. Visvesvaraya?

[A] A great engineer
[B] An administrator
[C] Recipient of Bharat Ratna
[D] All of the above

100. Where is Jayakwadi Dam situated?

[A] Maharashtra
[B] Telangana
[C] Punjab
[D] West Bengal