

SEAL

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Question Booklet No.

Invigilator's signature

R/S/I/E EXAM.

2021

200624

GENERAL KNOWLEDGE

Time : 1½ Hours

Maximum Marks : 100

ROLL NO.

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1. Splitting of light into its constituent colours is known as
  - (A) dispersion
  - (B) refraction
  - (C) reflection
  - (D) diffraction
2. Which ray is helpful for long distance photography?
  - (A) Alpha ray
  - (B) Beta ray
  - (C) UV ray
  - (D) Infra-red ray
3. Which one of the following statements about microbes is **not** correct?
  - (A) They are used in sewage treatment plants
  - (B) They are used in industrial fermenters for the production of beverages
  - (C) No antibiotics has been obtained from any microbe
  - (D) They are used to get many bioactive molecules for the treatment of diseases
4. Cystitis is the infection of which of the following?
  - (A) Liver
  - (B) Urinary bladder
  - (C) Pancreas
  - (D) Lungs
5. A cyclone is an engineering device that is used to
  - (A) transport materials
  - (B) segregate particles
  - (C) control cyclone
  - (D) control switching device
6. Which of the following is the lightest metal?
  - (A) Mercury
  - (B) Lithium
  - (C) Iron
  - (D) Copper
7. The characteristic odour of garlic is due to which of the following?
  - (A) Chlorine containing compounds
  - (B) Fluorine containing compounds
  - (C) Nitrogen containing compounds
  - (D) Sulphur containing compounds
8. Which part of Cinchona plant is commonly used as a drug for malaria?
  - (A) Leaves
  - (B) Fruits
  - (C) Root
  - (D) Stem bark
9. BCG is used to prevent
  - (A) hydrophobia
  - (B) cancer
  - (C) neuralgia
  - (D) tuberculosis



10. Hydrogen bomb is based on the principle of
- (A) controlled fusion reaction
  - (B) uncontrolled fusion reaction
  - (C) controlled fission reaction
  - (D) uncontrolled fission reaction
11. Which country has introduced a new legislation named as EAGLE Act?
- (A) India
  - (B) USA
  - (C) Russia
  - (D) UK
12. Under which scheme, the Central Government would support children who have lost both parents due to COVID-19?
- (A) PMJDY
  - (B) PMJJBY
  - (C) PM Cares for Children
  - (D) PM Shishu Suraksha Yojana
13. 'MadadMaps' is a real-time online map that has been developed for which objective?
- (A) Map of vacant beds for COVID-19 patients
  - (B) Map of vaccination centres
  - (C) Map of educational institutions
  - (D) Map of COVID hotspots

14. Indian Institute of Spice Research (IISR) received a patent for the micronutrient foliar formulation. Name the spice.
- (A) Black pepper
  - (B) Clove
  - (C) Cardamom
  - (D) Cumin
15. Who is the winner of the 2021 International Booker Prize?
- (A) David Diop
  - (B) Douglas Stuart
  - (C) Margaret Atwood
  - (D) Bernadine Evaristo
16. 'Hisaab ki Kitaab', a module of 6 short films, has been released by which authority?
- (A) Investor Education and Protection Fund Authority
  - (B) Securities and Exchange Board of India
  - (C) Reserve Bank of India
  - (D) National Health Authority
17. 'Glacier blood' is a phenomenon observed in which mountain range?
- (A) The Alps
  - (B) The Himalayas
  - (C) The Front range
  - (D) The Karakoram



**18.** What is the World Health Organisation (WHO) slogan for this year's World Hand Hygiene Day?

- (A) Hygiene Hands Healthy life
- (B) Seconds save lives—clean your hands
- (C) Hygiene for all
- (D) Earth hygiene

**19.** 2-Deoxy-D-glucose (2-DG), which was recently approved by the DCGI, has been developed by which institution?

- (A) AIIMS
- (B) Bharat Biotech
- (C) Cipla
- (D) DRDO

**20.** Which multilateral institution has launched an Asia Pacific Tax Hub, for better tax coordination among its members?

- (A) AIIB
- (B) ADB
- (C) World Bank
- (D) IMF

**21.** Who has been named the COP26 people's Advocate?

- (A) Sir David Attenborough
- (B) David Malpass
- (C) Dr. Kristalina Georgieva
- (D) Christine Lagarde

**22.** What does 'C' in NEGVAC stand for?

- (A) Commission
- (B) COVID-19
- (C) Constitution
- (D) Corporation

**23.** 'Exercise Khanjar', which was making news recently, is a military exercise between India and which country?

- (A) Japan
- (B) Kyrgyzstan
- (C) Bangladesh
- (D) Sri Lanka

**24.** Which authority recently ruled that flavoured milk is 'beverage containing milk' and will attract 12% GST?

- (A) Finance Ministry
- (B) Gujarat Authority for Advanced Ruling (AAR)
- (C) Finance Commission
- (D) Central Board of Indirect Taxes

**25.** 'Net-zero Banking Alliance', which was making news recently, is convened by which organisation?

- (A) FAO
- (B) UNEP
- (C) RBI
- (D) ADB

**26.** Which financial service company has launched the ConQR-QR code embedded credit card, along with BOB Financial?

- (A) Maestro card
- (B) Mastercard
- (C) Net banking
- (D) Google pay



27. The Reserve Bank of India has recently revised the 'Supervisory action framework' of which category of banks?

- (A) Public sector banks
- (B) Private sector banks
- (C) Foreign banks
- (D) Urban cooperative banks

28. Which is the longest national highway in India?

- (A) NH 48
- (B) NH 44
- (C) NH 30
- (D) NH 27

29. Which Indian bank is set to launch an artificial intelligence powered multilingual voice bot 'AXAA'?

- (A) State Bank of India
- (B) Union Bank
- (C) HDFC Bank
- (D) Axis Bank

30. In the recent economic stimulus package, it was announced that India is to become a global MRO hub. In this context, MRO is associated with which sector?

- (A) Finance sector
- (B) Aviation sector
- (C) Economy sector
- (D) Medicine sector

31. The local name of Mohenjo Daro is

- (A) Mound of the living
- (B) Mound of the great
- (C) Mound of the dead
- (D) Mound of the survivor

32. Choose the correct pair from the following :

- (A) Ellora caves — Saka
- (B) Mahabalipuram — Rashtrakutas
- (C) Meenakshi temple — Pallavas
- (D) Khajuraho — Chandellas

33. Kautilya's *Arthashastra* is a book on

- (A) barter system
- (B) principles and practices of statecraft
- (C) production
- (D) religion

34. The famous Chinese pilgrim Fa-Hein visited India during the reign of

- (A) Chandragupta I
- (B) Chandragupta II
- (C) Ramagupta
- (D) Srugupta

35. With regard to the early ancient Indian monuments, sculptures and their patrons, identify the correct pair(s) from the following :

1. Amaravati — Satavahana
2. Cave shrines at Barabar hills — Ashoka
3. Kailash temple at Ellora — Rashtrakutas
4. Stupa at Shaji-ki-Dheri near Peshawar — Kanishka

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



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

1. The imperial durbar at Delhi was held in 1883.
2. Ilbert Bill gave Indian magistrates the right to try Europeans in criminal cases.
3. The year 1877 marks the full codification of the Indian system.
4. Partition of Bengal was carried out in 1907.

(A) Only 1

(B) Only 2

(C) 1 to 3

(D) 2 and 3

37. "The sleeping giant of Asia has woken up and no power on earth can stop him now". Who said it and for whom?

(A) Lenin, for the textile workers who came out on the streets in protest against Tilak's transportation in July, 1908

(B) M. K. Gandhi for the poor peasants when they participated in the Bardoli Satyagraha

(C) Subhash Chandra Bose for NIA soldiers

(D) None of the above

38. Who was the Chairman of the Drafting Committee of the Constitution?

(A) J. B. Kripalani

(B) Rajendra Prasad

(C) J. L. Nehru

(D) B. R. Ambedkar

39. Who is the pioneer of economic nationalism?

(A) Bipin Chandra Pal

(B) G. K. Gokhale

(C) R. C. Dutt

(D) Madan Mohan Malaviya

40. The movement that came to an abrupt end due to the Chauri Chaura incident was the

(A) Wahabi Movement

(B) Home Rule Movement

(C) Non-Cooperation Movement

(D) Civil Disobedience Movement

41. Who was made the Home Minister when Jawaharlal Nehru formed the interim Government in 1946?

(A) Mohammad Ali Jinnah

(B) Baldev Singh

(C) Liaquat Ali Khan

(D) Sardar Patel

42. Which pair threw a bomb at a carriage that they believed was occupied by Kingsford, the unpopular judge at Muzaffarpur?

(A) Ramprasad Bismil, Surya Sen (1906)

(B) Khudiram Bose, Prafulla Chaki (1908)

(C) Jatindra Nath Das, Ashfaqullah Khan (1910)

(D) None of them

43. Which Asian country was declared malaria free by (WHO)?

(A) Bangladesh

(B) China

(C) Thailand

(D) None of the above



44. To counteract unfavourable articles on India in the British Press and to supply authentic information, a journal was started in 1890. Name it.

- (A) *Dawn*
- (B) *News Chronicle*
- (C) *India*
- (D) *Wheel of History*

45. The Champaran Satyagraha, led by Gandhiji, was aimed at

- (A) securing the right of Harijans
- (B) establishing Hindu-Muslim unity
- (C) solving wheat cultivators problem
- (D) None of the above

46. The Objectives Resolution, which outlined the philosophy of the Indian Constitution, was moved in the Constituent Assembly by

- (A) Dr. S. Radhakrishnan
- (B) Dr. Rajendra Prasad
- (C) J. L. Nehru
- (D) B. R. Ambedkar

47. Who among the following gave the idea of Constituent Assembly for India in the year 1934?

- (A) M. N. Roy
- (B) B. R. Ambedkar
- (C) J. L. Nehru
- (D) H. C. Mukherjee

48. Which of the following two words were added in chronological order to the Preamble through 42nd Amendment?

- (A) Secular and Socialist
- (B) Socialist and Secular
- (C) Socialist and Sovereign
- (D) Sovereign and Secular

49. Which Part of the Constitution of India deals with the official language?

- (A) Part-XVI
- (B) Part-XVII
- (C) Part-XVIII
- (D) Part-XIV

50. Which of the following is **not** correctly matched?

- (A) Article 14 : Equality before law
- (B) Article 16 : Equal opportunities
- (C) Article 17 : Abolition of titles
- (D) Article 18 : Permission of military title

51. The Constitution of India vests the residuary powers in

- (A) The Union Government
- (B) The States
- (C) Union and State Government jointly
- (D) None of the above

52. The Parliament can legislate on any subject in the State list

- (A) if the Rajya Sabha declares by a two-third majority resolution that it is expedient to do so in national interest
- (B) for the implementation of international treaties or agreements.
- (C) if two or more States make a request to Parliament to do so
- (D) All of the above



53. Which one of the following has been wrongly listed among the special powers of the Rajya Sabha?

- (A) Resolution for the removal of Vice President of India can be initiated only in the Rajya Sabha
- (B) Resolution for creation of new All India Services can be initiated in the Rajya Sabha only
- (C) Laws on any subject of State list can originate only in the Rajya Sabha
- (D) None of the above

54. Which one of the following subjects is **not** in the State list?

- (A) Police and prisons
- (B) Public health and sanitation
- (C) Markets and fairs
- (D) Bankruptcy and insolvency

55. The main objective of Zonal Council is to ensure

- (A) greater co-operation among States in the field of planning and other matters of national importance
- (B) that the laws passed by various States do not conflict with each other
- (C) better utilisation of the limited resources of the States
- (D) All of the above

56. Under the administration of which one of the following is the Department of Atomic Energy?

- (A) Prime Minister's Office
- (B) Cabinet Secretariat
- (C) Ministry of Power
- (D) Ministry of Science and Technology

57. Select the correct statement from the following with regard to the declaration of emergency under Article 352 :

- (A) The declaration is made on the written communication of the Union Cabinet
- (B) The declaration is made on the advice of the Prime Minister
- (C) The declaration is made on the decision taken by the Union Council of Ministers
- (D) The declaration is made in consultation with the House of People

58. Who among the following was a member of the Rajya Sabha at the time of appointment as Prime Minister?

- (A) Charan Singh
- (B) Indira Gandhi
- (C) Lal Bahadur Shastri
- (D) Narasimha Rao

59. Arrange the following Vice Presidents in chronological order as to who came first and who later :

- 1. S. D. Sharma
  - 2. B. D. Jatti
  - 3. M. Hidayatullah
  - 4. V. V. Giri
- (A) 4, 1, 3, 2
  - (B) 4, 1, 2, 3
  - (C) 4, 2, 3, 1
  - (D) 4, 3, 2, 1



60. The term of Lok Sabha can be extended beyond its normal term of five years
- by the President at his discretion
  - by the President on the recommendation of the Election Commission
  - by the President during all types of emergencies
  - by the Parliament during national emergency
61. A day is added when one crosses
- the equator from north to south
  - 180° longitude from west to east
  - 180° longitude from east to west
  - the equator from south to north
62. The order of the layers in the atmosphere, upwards from below, is
- stratosphere, troposphere, ionosphere and exosphere
  - exosphere, ionosphere, troposphere and stratosphere
  - troposphere, stratosphere, ionosphere and exosphere
  - troposphere, magnetosphere, stratosphere and exosphere
63. The fall in temperature with increasing elevation is known as
- thermal anomaly
  - thermal reduction
  - temperature fall
  - lapse rate
64. What is the name given to the winds blowing from subtropical high pressure regions, to the equator?
- Westerlies
  - Tropical easterlies
  - High latitude easterlies
  - Doldrums
65. Snowfall occurs when
- water droplets freeze as they fall to the ground
  - raindrops are carried up by up-draughts in air
  - dew point of air is below freezing point
  - air is highly moist and rises due to convection
66. Which one is an anticyclone?
- Low pressure system with clockwise winds in the northern hemisphere
  - High pressure system with clockwise winds in the northern hemisphere
  - Low pressure system with clockwise winds in the southern hemisphere
  - High pressure system with clockwise winds in the southern hemisphere
67. Which State is the leading producer of thorium?
- Kerala
  - Bihar
  - Odisha
  - Madhya Pradesh
68. What is Talcher important for?
- Hydro-electricity generation
  - Atomic reactor
  - Heavy water plant
  - Cable industry
69. The main ore from which manganese is extracted in India, is
- siderite
  - chalcopryrite
  - pyrolusite
  - covellite



70. Which is the highest air strip in India?

- (A) Lengpui Airport
- (B) Daulat Beg Oldi Advanced Landing ground
- (C) Kushok Bakula Rimpochee Airport
- (D) Shimla Airport

71. Which cities were first connected by the STD services?

- (A) Delhi and Mumbai
- (B) Delhi and Kolkata
- (C) Kanpur and Delhi
- (D) Kanpur and Lucknow

72. For what is Arvi known?

- (A) OCS satellite earth station
- (B) First teleprinter exchange
- (C) Hindustan Teleprinters Ltd
- (D) Indian telephone industries

73. Among the Mediterraneans are included the people of

- (A) Andaman and Nicobar Islands
- (B) West Bengal and Odisha
- (C) Punjab and Uttar Pradesh
- (D) the mountainous zone in the north

74. Who are the Moplahs?

- (A) Tribals of Madhya Pradesh
- (B) Tribals of Assam
- (C) Muslims of Kerala
- (D) Tribals of West Bengal

75. Which of the following is **not** an igneous rock?

- (A) Andesite
- (B) Granite
- (C) Marble
- (D) Basalt

76. Find out the wrong match of book and author from the following :

- (A) *Whereabouts* — Jhumpa Lahiri
- (B) *The Hungry Tide* — Amitav Ghosh
- (C) *The Christmas Pig* — J. K. Rowling
- (D) *The Little Book of Encouragement* — APJ Abdul Kalam

77. In India the first television programme was broadcasted in

- (A) 1959
- (B) 1965
- (C) 1976
- (D) 1957

78. The author of the book, *Playing It My Way* is

- (A) Kapil Dev
- (B) Yuvraj Singh
- (C) Sachin Tendulkar
- (D) Sunil Gavaskar

79. Which of the following explains the initiative named 'Project Arrow'?

- (A) Project of defence department to improve its missile capability
- (B) The scheme by the department of posts to restructure its core operations
- (C) Project of department of space to strengthen its liquid propulsion rocket technology
- (D) None of the above



80. Which year is known as 'Year of the Great Divide' with regard to population growth in India?

- (A) 1921
- (B) 1947
- (C) 1951
- (D) 1922

81. Which of the following is **not** one of the international development targets of the millennium development goals?

- (A) Reducing the number of persons living in extreme poverty by one half by 2015
- (B) Universal primary education by 2015
- (C) Reduction of infant and child mortality by 2/3rd by 2015
- (D) Reducing the total population by 1/3rd

82. The Planning Commission of India is

- (A) a statutory body
- (B) an advisory body
- (C) a constitutional body
- (D) an independent and autonomous body

83. National Planning Committee (1938) was chaired by

- (A) Jawaharlal Nehru
- (B) M. Visveswaraya
- (C) Dadabhai Naoroji
- (D) M. N. Roy

84. Inflation is described as a regressive form of taxation because

- (A) it affects exports and makes imports attractive
- (B) it leads to devaluation of the currency
- (C) it may cause recession
- (D) it affects the poor and vulnerable sections more

85. As an economy develops

- (A) the share of agriculture in the national product declines
- (B) the share of industries increases
- (C) the number of persons employed in agriculture declines
- (D) None of the above

86. NABARD's primary role is

- (A) to provide term loans to State cooperative banks
- (B) to assist State governments for share capital contribution
- (C) to act as a refinance institution
- (D) All of the above

87. Which national park in India has set up the country's first quarantine facility for animals?

- (A) Jim Corbett National Park
- (B) Ranthambore National Park
- (C) Kaziranga National Park
- (D) Gir Forest National Park

88. 'Three-banded Rosefinch', declared as the 1340th bird species in India, was spotted in which State?

- (A) Sikkim
- (B) Arunachal Pradesh
- (C) Jammu
- (D) Uttarakhand

89. Which famous writer was recently selected for the Mystic Kalinga Literacy Award (Indian and Global Languages)?

- (A) Manoj Das
- (B) Pratibha Ray
- (C) Surendra Mohanty
- (D) Ramakanta Rath



90. What is the campaign of the International Day of Yoga 2020, promoted by AYUSH Ministry?
- Yoga at Home, Yoga with Family
  - Yoga during Covid-19
  - Yoga for Immunity
  - Yoga for Heart
91. Which city will play host to the 2022 Commonwealth Games?
- London
  - New Delhi
  - Birmingham
  - Gold Coast
92. Which Indian hockey player was named as the '2019 Women's Rising Star of the Year', by the International Hockey Federation (FIH)?
- Rani Rampal
  - Lalremsiami
  - Navneet Kaur
  - Vandana Katariya
93. Which country recently set a Guinness World Record for the highest altitude fashion show event ever held?
- China
  - Nepal
  - India
  - Brazil
94. India International Cherry Blossom Festival is usually celebrated in which State?
- Arunachal Pradesh
  - Sikkim
  - Meghalaya
  - Himachal Pradesh
95. When does the formal Nobel Prize Ceremony take place every year?
- 10th December
  - 10th October
  - 10th January
  - 10th November
96. The 2020 Nobel Prize in Physiology and Medicine awards the discovery of a virus. What is the name of the disease that the virus causes?
- Covid-19
  - Ebola
  - Hepatitis C
  - Hepatitis B
97. The National Highways System is the responsibility of
- the State Government
  - the Central Government
  - a special roads authority
  - the State and Central Governments
98. Which among the following National Highways of India is the longest?
- NH 1
  - NH 2
  - NH 3
  - NH 4
99. What is the name of the first James Bond film?
- Dr. No
  - The Blind Side
  - Seven Samurai
  - A Few Good Men
100. Which Bollywood personality was named by NITI Aayog to promote Women Entrepreneurship Platform (WEP)?
- Aamir Khan
  - Deepika Padukone
  - Sushant Singh Rajput
  - Vidya Balan



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