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(Pages : 16)

Name.....

Reg. No.....

P.G./INTEGRATED P.G. ENTRANCE EXAMINATION, APRIL 2023

M.Lib.I.Sc.

Time : Two Hours

Maximum : 400 Marks

Answer all the questions in Part A and Part B. Each question carries 4 marks.

1 mark will be deducted for a wrong answer.

Part A

1. The Covid Vaccine 'Covishield' manufactured and marketed in India by Serum Institute of India was developed by which of the following body ?
(A) Oxford/AstraZeneca. (B) Bharat Biotech.
(C) Pfizer/BioNtech. (D) Johnson and Johnson.
2. 'Golden Revolution' is a term associated with the production of which commodity or product ?
(A) Fruits, Honey. (B) Fish.
(C) Minerals. (D) Petroleum.
3. The social activist in India who campaigned for the rights of children and improved the lot of thousands of them through the 'Bachpan Bachao Andolan' movement is :
(A) Anna Hazare. (B) Medha Patkar.
(C) Kailash Satyarthi. (D) Sunderlal Bahuguna.
4. Which of the following agency selects the Nobel Prize winners for Peace every year ?
(A) Royal Swedish Academy of Sciences.
(B) The Sveriges Riksbank.
(C) The Norwegian Nobel Committee.
(D) International Nobel Committee.
5. A bio-diversity hotspot is a biogeographic region with significant levels of biodiversity that is threatened by human habitation. Who introduced the term 'biodiversity hotspot' ?
(A) Madhav Gadgil. (B) David Attenborough.
(C) Greta Thunberg. (D) Norman Myers.

Turn over

6. Who of the following incessantly worked for the protection and propagation of mangroves in Kerala ?

- (A) K. K. Neelakantan. (B) Kallen Pokkudan.
(C) Madhav Gadgil. (D) M. K. Prasad.

7. The three layers of Himalayas Greater Himalayas, Lesser Himalayas and ———..

- (A) Shivalik Hills. (B) Gangetic Plains.
(C) Indus Valley. (D) Kulu Manali.

8. Match the List I (film classics) with List II (Directors) in correct order.

List I

List II

- | | |
|------------------------|------------------|
| (i) Pather Panchali | (a) Mrinal Sen |
| (ii) Adi Sankaracharya | (b) G. Aravindan |
| (iii) Mrigaya | (c) Satyajit Ray |
| (iv) Vastuhara | (d) G. V. Iyer |

- | | | | |
|---------|------|-------|------|
| (i) | (ii) | (iii) | (iv) |
| (A) (a) | (d) | (c) | (b) |
| (B) (d) | (a) | (c) | (b) |
| (C) (c) | (d) | (a) | (b) |
| (D) (d) | (c) | (b) | (a) |

9. Which of the following element with the highest atomic number is found in significant quantities on earth or elsewhere ?

- (A) Californium. (B) Uranium.
(C) Plutonium. (D) Francium.

10. What is the distance between two rails in the standard gauge track recommended for K-Rail in Kerala ?

- (A) 1,000 mm. (B) 1,372 mm.
(C) 1,435 mm. (D) 1,676 mm.

11. A planet of the solar system is named after the messenger of Romans. What is it ?

- (A) Venus. (B) Jupiter.
(C) Neptune. (D) Mercury.

12. Vexillology is the study of :

- (A) Flags. (B) Ornaments
(C) Anxiety. (D) Robots

13. A 'lipogram' is :

- (A) Writing with lips.
(B) Decoding a speech by watching the lips.
(C) A literary work without a particular letter.
(D) An equipment for lip reading.

14. Anil, as well as his friends, ——— invited to the wedding.

- (A) Were. (B) Was.
(C) Have been. (D) Has been

15. The meaning of 'crystal gazing' is :

- (A) Watching the growth of crystals.
(B) Attempting to predict the future.
(C) The art of developing crystals.
(D) Gazing blankly into the distance.

16. Convert the following sentence to passive voice.

John felt very important because of the meeting.

- (A) John felt very important by the meeting.
(B) Importance was felt by John after the meeting.
(C) Because of the meeting, John felt very important.
(D) The meeting made John feel very important.

Turn over

17. A person who uses long, unusual, sometimes obscure words in speech or writing is known as :
- (A) Sesquipedalianist. (B) Highfalutin
(C) Bombastic (D) Eloquent
18. Which spacecraft was used for the launch of Mangalyan (Mars Orbiter Mission) of India ?
- (A) PSLV C-20. (B) PSLV C-22.
(C) PSLV C-25. (D) PSLV C-40.
19. Ishihara test is used for identifying :
- (A) Colour blindness.
(B) Loss of hearing.
(C) Mild cognitive impairment.
(D) Cause of chest pain.
20. The names of Bentham and Hooker, Engler and Prantl and Takhtajan are associated with :
- (A) Animal Taxonomy.
(B) Plant Taxonomy.
(C) Chemotaxonomy.
(D) Taxonomy of Engineering materials.
21. Atomic mass is the total number of _____ in an atom.
- (A) Protons and electrons.
(B) Electrons and neutrons.
(C) Protons and neutrons.
(D) Protons, electrons and neutrons.
22. Which of the following is not a pain killer ?
- (A) Paracetamol. (B) Aspirin.
(C) Ibuprofen. (D) Dopamine.
23. What is the expansion of the virus disease SARS ?
- (A) Severe Acute Respiratory Syndrome.
(B) Severe Allotropic Renal Syndrome.
(C) Static Acute Respiratory Syndrome.
(D) Static Aspiration Renal Syndrome.

24. Which of the following type of emergency is not mentioned in the Indian Constitution ?
- (A) National emergency.
 - (B) Failure of constitutional machinery in states.
 - (C) Political emergency.
 - (D) Financial emergency.
25. Who of the following is the all-time leading goal scorer in the career and in men's international football ?
- (A) Cristiano Ronaldo.
 - (B) Pele.
 - (C) Lionel Messi.
 - (D) Ali Daei.
26. Who started S. N. D. T. Women's University, the first women's university in India ?
- (A) Ishwar Chandra Vidyasagar.
 - (B) Madan Mohan Malaviya.
 - (C) Pandita Ramabai.
 - (D) Dhondo Keshav Karve.
27. According to the Guinness Book of Records, which is the wettest place in the world ?
- (A) Cherrapunji.
 - (B) Mawsynram.
 - (C) Tutunendo.
 - (D) Singapore.
28. Which of the following theory suggests that life existed in outer space and was transported by meteorites, asteroids, or comets to a receptive Earth ?
- (A) Theory of chemical evolution.
 - (B) Cosmic evolution.
 - (C) Panspermia.
 - (D) Microorganismic theory.
29. Which of the following disease is caused by protein deficiency ?
- (A) Anemia.
 - (B) Rickets.
 - (C) Scurvy.
 - (D) Kwashiorkor.

Turn over

30. The name of the United States rover which landed on Mars in February 2021 is :
- (A) Perseverance. (B) Curiosity.
(C) Mariner. (D) Hope.
31. The 2024 Summer Olympics will be held in which city ?
- (A) Paris. (B) Los Angeles.
(C) Moscow. (D) Dubai.
32. Which of the following union territories in India were amalgamated in 2019 ?
- (A) Jammu and Kashmir and Ladakh.
(B) Dadra and Nagar Haveli and Daman and Diu.
(C) Andaman and Nicobar.
(D) Pondicherry and Lakshadweep.
33. The Gahirmatha Marine Wildlife Sanctuary and the world's largest nesting beach for the vulnerable Olive Ridley turtles is located in :
- (A) Andhra Pradesh. (B) West Bengal.
(C) Odisha. (D) Tamil Nadu.
34. How many women representatives are there in the 15th Kerala Legislature which came up in May 2021 ?
- (A) Eight. (B) Eleven.
(C) Thirteen. (D) Fifteen.
35. Locate the missing letter in the series.
X, T, P, L, H, -----
- (A) B. (B) D.
(C) E. (D) F.
36. At simple interest rate, a sum of money will become Rs. 26,000 in five years and Rs. 32,000 in 10 years. Find out the sum of money.
- (A) Rs. 19,000. (B) Rs. 20,000.
(C) Rs. 21,000. (D) Rs. 22,000.

37. The average runs scored by a batsman in the first *five* matches is 42. If he scores 54 runs in the sixth match, what is his average score in the six matches ?
- (A) 44 runs. (B) 45 runs.
(C) 46 runs. (D) 47 runs
38. The number of students in a school is increased by 3 %. Had there been 200 less, there would have been a decrease of 1%. Find the original number of students ?
- (A) 4000. (B) 4500.
(C) 5000. (D) 6000.
39. What is the single discount equivalent to the successive discounts of 20 % and 25 % ?
- (A) 35 %. (B) 40 %.
(C) 42 %. (D) 45 %.
40. How many inhabited islands are there in Lakshadweep ?
- (A) 10. (B) 12.
(C) 15. (D) 16.
41. Cannes Film Festival is held in which country ?
- (A) Sweden. (B) Switzerland.
(C) France. (D) Germany.
42. Geostationary earth orbital satellites (GEOs) orbit around the earth at an altitude of how many kilometers ?
- (A) 600 km. (B) 1,200 km.
(C) 1,500 km. (D) 35,800 km.
43. The National Calendar of India is :
- (A) Julian calendar. (B) Gregorian calendar.
(C) Shaka calendar. (D) Vikram samvat.
44. What is the other name of the Parliament House of India ?
- (A) Sansad Bhavan. (B) Nirvachan Bhavan.
(C) Yojana Bhavan. (D) Karyalay Bhavan.

Turn over

45. The Kerala Epidemic Diseases Bill was passed by Kerala legislature in :
- (A) 2019. (B) 2020.
(C) 2021. (D) 2022.
46. What is MDMA ?
- (A) It is an Act. (B) It is a stimulant drug.
(C) It is an ant-allergic drug (D) It is an intoxicating liquor
47. Famous caves Ajanta, Ellora, Elephanta are located in the same state. Which state ?
- (A) Karnataka. (B) Maharashtra.
(C) Madhya Pradesh. (D) Rajasthan.
48. Vitamin D is produced in the human body in :
- (A) Bones. (B) Muscles.
(C) Skin. (D) Liver.
49. Celebrities like Beethoven, Mozart, Freud, Wittgenstein, Popper, Schrodinger and Mendel were connected with one of the following cities in one way or other. Identify the city.
- (A) Vienna. (B) Sofia.
(C) London. (D) Paris.
50. Which of the following is the most spoken Dravidian language in India ?
- (A) Malayalam. (B) Tamil.
(C) Kannada. (D) Telugu.

Part B

51. The Man Who Knew Infinity' is the biography of an illustrious Indian. Who ?
- (A) Sir. C. V. Raman. (B) Meghnad Saha.
(C) Sir Jagadish Chandra Bose. (D) Srinivasa Ramanujan
52. Which country has bagged the Nobel Prize for Literature for highest number of times ?
- (A) France. (B) UK.
(C) Sweden. (D) USA.

53. Who was named for the prestigious Indian literary award, Saraswati Samman of 2021 (31st edition) ?
- (A) Vasdev Mohi. (B) K. Siva Reddi.
(C) Sharankumar Limbale. (D) Ramdarash Mishra.
54. 'An Indian Pilgrim' is the autobiography of :
- (A) Sardar Vallabhai Patel. (B) Kuldip Nayyar.
(C) Subhash Chandra Bose. (D) Swami Vivekananda.
55. The biggest publisher in Kerala in terms of the number of titles published is :
- (A) Sahitya Pravartaka Sahakarana Sangham.
(B) D. C. Books.
(C) Chintha Publishers.
(D) Poorna Publications.
56. What is common among C. Radhakrishnan, K. Sachidanandan, M. Mukundan, P. Sachidanadhan and Paul Zacharia ?
- (A) All of them are novelists.
(B) All of them are recipients of Ezhuthachan Award.
(C) All of them have received Vayalar award.
(D) All of them are poets.
57. What are the two cities depicted in the novel 'A Tale of Two Cities' by Charles Dickens ?
- (A) London and Paris. (B) London and New York.
(C) London and Sussex. (D) London and Vienna.
58. Which is the oldest continuously published newspaper in India?
- (A) Bombay Samachar. (B) The Hindu.
(C) The Times of India. (D) Hicky's Bengal Gazette.
59. SWAYAM is :
- (A) Depository of books.
(B) Platform for online registration to various courses.
(C) Directory of courses offered by UGC.
(D) E-learning portal.

Turn over

60. According to the New Education Policy 2020, the present 10 + 2 structure of school curriculum is to be replaced by which of the following structure ?
- (A) 3 + 5 + 5 + 2. (B) 3 + 5 + 4 + 3.
(C) 3 + 5 + 5 + 2. (D) 5 + 3 + 3 + 4.
61. Right to Information Act came into force in India in which year ?
- (A) 2005. (B) 2008.
(C) 2010. (D) 2011.
62. Where is the National Library of India located ?
- (A) New Delhi. (B) Kolkata.
(C) Mumbai. (D) Chennai.
63. According to the Kerala Public Libraries Act, 1989, what is the percentage of Library Cess levied on building/property tax in Kerala ?
- (A) 3 %. (B) 5 %.
(C) 6 %. (D) 8 %.
64. The apex body of public libraries in Kerala is :
- (A) Taluk Library Council.
(B) District Library Council.
(C) State Library Council.
(D) Department of Higher Education.
65. Non-fiction books are usually arranged on the library shelves :
- (A) By subject. (B) By publisher.
(C) By title. (D) By author's first name.
66. The 10 digit or 13 digit number that you see in printed books of well-known publishers is called as :
- (A) CODEN.
(B) International Serial Book Number.
(C) International Standard Book Number.
(D) International Serials Number.

67. A bibliography is a :
- (A) List of books available in the library.
 - (B) List of books and journals in the library.
 - (C) List of reference sources only.
 - (D) List of all sorts of publications.
68. Usually, the books are arranged in the library shelves based on :
- (A) Classification.
 - (B) Cataloguing.
 - (C) Indexing.
 - (D) Year of publication.
69. Find the odd one out :
- (A) Google Chrome.
 - (B) Bing.
 - (C) Firefox.
 - (D) Microsoft Edge
70. Which of the following is not a function of a word processing software ?
- (A) Addition.
 - (B) Deletion.
 - (C) Cutting and pasting.
 - (D) Translation.
71. In order to prepare analytical graphics like bar charts, pie charts etc. which type of software is ideal ?
- (A) Text processing.
 - (B) Database management.
 - (C) Presentation.
 - (D) Spreadsheet.
72. Who coined the term Artificial Intelligence (AI) and is considered as its father ?
- (A) Roger Penrose.
 - (B) John McCarthy.
 - (C) Tim Berners-Lee.
 - (D) John von Neumann.
73. A list of books and other graphic material in a library arranged according to a recognized order in order to facilitate their easy location is called as :
- (A) Directory.
 - (B) Bibliography.
 - (C) Catalogue.
 - (D) Stock register.

Turn over

74. A source used for locating the pronunciation of words is :

- (A) Encyclopedia. (B) Dictionary.
(C) Handbook. (D) Manual.

75. A physical card that has an embedded integrated chip that acts as a security token is called :

- (A) Security card. (B) Plastic token.
(C) Smart card. (D) Microchip.

76. Unsolicited e-mail or junk mail in the form of advertising or chain letters is known as :

- (A) Phishing. (B) Noise.
(C) Spoof. (D) Spam.

77. Library Science education was started in Kerala by the University of Kerala in :

- (A) 1958. (B) 1960.
(C) 1961. (D) 1962.

78. Travancore Library Council was formed in a meeting held at :

- (A) P. K. Memorial Library, Ambalapuzha.
(B) Trivandrum Public Library.
(C) Ernakulam Public Library.
(D) Kollam Public Library.

79. While using MS Word, which character formatting function is used to get slanted appearance of the text ?

- (A) Underline. (B) Superscript.
(C) Italic. (D) Bold.

80. Which key is used in order to indent the text while using MS Word ?

- (A) F1. (B) Tab.
(C) Shift. (D) Alt.

81. From among the following identify the software which is not an open source ?
- (A) Ubuntu. (B) GIMP.
(C) Scribus. (D) Excel.
82. What is the approximate frequency range of sounds that can be detected by human beings ?
- (A) 20 Hz - 20 KHz. (B) 20 KHz - 40 KHz
(C) 100 Hz - 10 KHz. (D) 1 KHz - 20 KHz.
83. In libraries, card catalogues are kept in :
- (A) Catalogue cabinets. (B) Catalogue boxes.
(C) Catalogue carriers. (D) Catalogue chests.
84. The online database of materials held by a library or group of libraries is called :
- (A) OCLC. (B) LCC.
(C) OPAC. (D) Webcat.
85. Which of the following is the biggest national library in the world ?
- (A) British Library. (B) Library of Congress.
(C) Russian State Library. (D) French National Library.
86. Identify the true statements about Jnanpith award, the most prestigious literary award in India :
- (i) Jnanpith award is bestowed on Indian writers writing in Indian languages only.
(ii) The first recipient of the award was G. Sankara Kurup in 1965.
(iii) Bengali novelist Ashapoorna Devi became the first woman to win the award.
(iv) Hindi has bagged the maximum number of Jnanpith awards.
- (A) Only (i) and (ii) are true. (B) Only (ii) and (iii) are true.
(C) Only (i) and (iv) are true. (D) All are true.

Turn over

87. A handwritten composition of a work on paper, bark, cloth, metal, palm leaf or any other material is called as :
- (A) Manuscript. (B) Book.
(C) Non-book. (D) Register.
88. The five laws of library science were enunciated by :
- (A) Melvil Dewey. (B) Paul Otlet.
(C) S. R. Ranganathan. (D) A. Neelameghan.
89. Who invented printing with movable types ?
- (A) William Caxton. (B) Johannes Gutenberg.
(C) Benjamin Bailey. (D) Henry Ford.
90. Who of the following described public library as people's university ?
- (A) Alvin Johnson. (B) Samuel Johnson.
(C) Francis Bacon. (D) Sayajirao Gaekwad.
91. Libraries with little or no physical presence of books, periodicals, reading space or support staff, but disseminate information directly to users electronically are called :
- (A) National libraries. (B) Special libraries.
(C) Digital libraries. (D) Contact libraries.
92. Information and Library Network (INFLIBNET) functions under :
- (A) UGC. (B) AICTE.
(C) CSIR. (D) ICAR.
93. NICNET, the information and communication network of National Informatics Centre, is an example of :
- (A) Local Area Network. (B) Metropolitan Area Network.
(C) Wide Area Network. (D) Virtual Private Network.
94. Government of India banned the Chinese mobile apps including TikTok from 2020 onwards as per the provisions of which Act ?
- (A) Right to Information Act. (B) Information Technology Act.
(C) Copyright Act. (D) Patents Act.

95. Formal training in librarianship in India was started in :
- (A) Madras. (B) Delhi.
(C) Calcutta. (D) Baroda.
96. Examine the following statements about Massive Open On-line Course (MOOC) and identify the correct ones :
- (i) MOOCs became prevalent in the first decade of the 21st century.
(ii) MIT was the pioneer in making their courseware open.
(iii) edX is a MOOC platform.
(iv) SWAYAM is a MOOC platform in India.
- (A) Only (i) is correct. (B) (i) and (ii) are correct.
(C) (i), (ii) and (iii) are correct. (D) All are correct.
97. According to the Indian Copyright law, the total term of protection of a literary work is :
- (A) 50 years from the publication of the work.
(B) 60 years from the publication of the work.
(C) 60 years plus the author's lifetime.
(D) 50 years plus the author's lifetime.
98. The most popular open source library management software is :
- (A) E-Granthalaya. (B) KOHA
(C) SOUL. (D) Greenstone
99. Who is considered to be the father of library movement in India ?
- (A) S. R. Ranganathan. (B) P. N. Panicker.
(C) Sayajirao Gaekwad III. (D) Raja Rammohun Roy.

100. Examine the following statements about cloud computing and indicate which are true :

- (i) It is cost-effective.
- (ii) It is reliable.
- (iii) Disaster recovery is easy.
- (iv) Scale up is easy.

- (A) (i) and (ii) are true.
- (B) (ii) and (iii) are true.
- (C) (iii) and (iv) are true.
- (D) All are true.