COMMON P.G. ENTRANCE TEST–2022 (CPET-2022)

Subject Code : **44**   Test Booklet No.:

Entrance Subject : **Library and Information Science**   Hall Ticket No.:

TEST BOOKLET

Time Allowed : **90 Minutes**   Full Marks : **70**

INSTRUCTIONS TO CANDIDATES

1. **Please do not open this Question Booklet until asked to do so.**

2. Check the completeness of the Question Booklet immediately after opening.

3. Enter your **Hall Ticket No.** on the Test Booklet in the box provided alongside. **Do not** write anything else on the Test Booklet.

4. Fill up & darken Hall Ticket No. & Test Booklet No. in the OMR Answer Sheet as well as fill up Test Booklet Serial No. & OMR Answer Sheet Serial No. in the Attendance Sheet carefully. Wrongly filled up OMR Answer Sheets are liable for rejection.

5. Each question has four answer options marked (A), (B), (C) & (D).

6. Answers are to be marked on the Answer Sheet, which is provided separately.

7. Choose the most appropriate answer option and darken the oval completely, corresponding to (A), (B), (C) or (D) against the relevant question number.

8. Use only **Blue/Black Ball Point Pen** to darken the oval for answering.

9. Please do not darken more than one oval against any question, as scanner will read such markings as wrong answer.

10. **Each question carries equal marks. There will be no negative marking for wrong answer.**

11. **Electronic items such as calculator, mobile, etc., are not permitted inside the examination hall.**

12. Don't leave the examination hall until the test is over and permitted by the invigilator.

13. **The candidate is required to handover the original OMR sheet to the invigilator and take the question booklet along with the candidate's copy of OMR sheet after completion of the test.**

14. Sheet for rough work is appended in the Test Booklet at the end.

W-Library & Information Science-44   P.T.O.

1. 'Digital India' was launched by the Prime Minister of India Mr. Narendra Modi in _____ with an objective of connecting rural areas with high-speed Internet networks and improving digital literacy.

   (A) 2014

   (B) 2015

   (C) 2016

   (D) 2018

2. *Panchasakhas* were the five poets of Odiya Language in 15th and 16th century. Who of the following is not among them?

   (A) Balaram Das

   (B) Jagannath Das

   (C) Ananta Das

   (D) Dasratha Das

3. Who was the first person to receive Jnanpith Award for the Oriya language?

   (A) Fakir Mohan Senapati

   (B) Sachidananda Routray

   (C) Pratibha Ray

   (D) Gopinath Mohanty

4. Gross Domestic Product (GDP) is the monetary value of?

   (A) goods for the market and for self consumption

   (B) stock of goods and services

   (C) all final goods and services produced in a year

   (D) goods produced for the markets only

5. Which Five year plan in India had 'poverty alleviation' *(Garibi Hatao)* as one of its objectives?

   (A) First Five Year Plan

   (B) Third Five Year Plan

   (C) Fifth Five Year Plan

   (D) Eighth Five Year Plan

6. Which among the following events took place immediately before the massacre at Jallianwalla Bagh?

(A) Partition of Bengal

(B) Ilbert Bill

(C) Passage of Rowlatt Act

(D) Minto-Morley Reforms

7. Ibn Battuta, the famous Muslim explorer who came to India during regime of Mohammad Bin Tughlaq, belonged to which country?

(A) Afghanistan

(B) Morocco

(C) Iran

(D) Iraq

8. Battle of the Hydaspes was fought between Alexander and King Porus in 326 BC. Hydapses means which river_____?

(A) Jelum

(B) Indus

(C) Beas

(D) Ravi

9. Tulsidas, the author of *Ramcharitmanas*, was a contemporary of which of the following rulers?

(A) Akbar

(B) Humayun

(C) Sahajahan

(D) Sher Shah Suri

10. Who is the captain of Gujarat Titans Cricket Team in IPL-2022?

(A) Rabindra Jadeja

(B) Glenn Maxwell

(C) Hardik Pandya

(D) Robin Uthappa

11. Different colours of different stars are due to the variation of _____.

    (A) Temperature

    (B) Pressure

    (C) Density

    (D) Radiation from them

12. Which of the following laws validates the statement that matter can neither be created nor be destroyed?

    (A) Law of conservation of energy

    (B) Law of Osmosis

    (C) Law of conservation of mass

    (D) Le Chatelier's Principle

13. When a vehicle passes, TV reception gets distorted. This is because_____.

    (A) Metal reflects radio waves

    (B) Spark plug creates electromagnetic disturbances

    (C) Vehicle pollution affects the performance of the TV components

    (D) Modern vehicles use electroignition system

14. Tungsten is used for the manufacture of the filament of an electric bulb, because:

    (A) It is a good conductor

    (B) It is economical

    (C) It is malleable

    (D) It has a very high melting point

15. Which of the following scientific events occurred first?

    (A) Albert Einstein propounded the General Theory of Relativity

    (B) Max Plank unveiled the Quantum Theory

    (C) Guglielmo Marconi sent out the first wireless signals

    (D) Wright Brothers successfully flew an aircraft

16. Which among the following matches of Mountain Passes and their states are correct?

> (i) Lipulekh– Uttarakhand
>
> (ii) Nathu La– Sikkim
>
> (iii) Shipki La– Himachal Pradesh
>
> (iv) Zoji La– Jammu and Kashmir

(A) i & ii

(B) ii & iv

(C) i, iii & iv

(D) i, ii, iii & iv

17. Which among the following South Indian states shared its boundary with the maximum number of other states?

(A) Tamilnadu

(B) Kerala

(C) Karnataka

(D) Andhra Pradesh

18. Which of the following matches of the name of the boundary lines and their related country are correct?

> (i) MacMohan line- Between India and china
>
> (ii) Radcliff line- Between India and Pakistan
>
> (iii) Durand Line- Between India and Afghanistan
>
> (iv) Palk strait- Between India and Sri Lanka

(A) i & ii

(B) i, ii & iv

(C) i, iii & iv

(D) i, ii, iii & iv

19. Which city of India is known as the 'Manchester of the East'?

(A) Mumbai

(B) Delhi

(C) Kolkata

(D) Ahmedabad

20. Which one of the following states receives the highest rainfall during winter months?

(A) Tamilnadu

(B) Punjab

(C) Kerala

(D) Meghalaya

21. Despite his best efforts to conceal his anger _____. *(Complete the sentence with the following options)*

(A) we could detect that he was very happy.

(B) he failed to give us an impression of his agony.

(C) he succeeded in camouflaging his emotions.

(D) people came to know that he was annoyed

22. Put the words in order to form a meaningful sentence.

(P) Einstein was

(Q) although a great scientist

(R) weak in arithmetic

(S) right from his school days

The proper sequence should be

(A) SRPQ

(B) QPRS

(C) QPSR

(D) RQPS

23. A hater of knowledge and learning. *(Substitute with one word from the following options)*

(A) Bibliophile

(B) Philologist

(C) Misogynist

(D) Misologist

24. The boy laughed at the beggar. *(Change the voice with the following options)*

(A) The beggar was laughed by the boy.

(B) The beggar was being laughed by the boy.

(C) The beggar was being laughed at by the boy.

(D) The beggar was laughed at by the boy.

25. Which of the following conclusions can be logically drawn from the two given statements?

    Statement (1): No women teacher can play.

    Statement (2): Some women teachers are athletes.

    Conclusion (1): Male athletes can play.

    Conclusion (2): Some athletes can play.

    (A) Only Conclusion 1 follows

    (B) Only Conclusion 2 follows

    (C) Both Conclusion 1 and 2 follows

    (D) Neither Conclusion 1 nor Conclusion 2 follows

26. Find the number of triangles in the given figure.

    (A) 12

    (B) 18

    (C) 22

    (D) 26

27. Four pairs of words are given, out of which the words in three pairs are related in some way and words in one pair are different. Find out the pair which is differently related.

    (A) Fish and Aquarium

    (B) Bird and Nest

    (C) Student and Teacher

    (D) Criminal and Prison

28. Statements: Population increase coupled with depleting resources is going to be the scenario of many developing countries in days to come.

    Conclusions:

    (i) The population of developing countries will not continue to increase in future.

    (ii) It will be very difficult for the governments of developing countries to provide its people decent quality of life.

    (A) Only conclusion (i) follows

    (B) Only conclusion (ii) follows

    (C) Both conclusion (i) & (ii) follows

    (D) Neither conclusion(i) nor (ii) follows

29. Statements:

> (i) The prices of petrol and diesel in the domestic market have remained unchanged for the past few months.

> (ii) The crude oil prices in the international market have gone up substantially in the last few months.

(A) Statement I is the cause and statement II is its effect

(B) Statement II is the cause and statement I is its effect

(C) Both the statements I and II are independent causes

(D) Both the statements I and II are effects of independent causes

30. Hobbes Theory of Social Contract is explained in his book _____.

(A) Republic

(B) Prince

(C) Social Contract

(D) Leviathan

31. Integration of Political Science with other Social Sciences Is a basic principle of _____.

(A) Traditionalism

(B) Behavioralism

(C) Liberalism

(D) Post-Bahaviouralism

32. Which of the following statement is true?

(A) No rights can be given to the man against the social interest

(B) Grant of rights is not concerned with social interest

(C) Rights can have anti-social character

(D) None of the above

33. According to Kautilya there are _____ elements of a state.

(A) Four

(B) Five

(C) Six

(D) Seven

34. Which one of the following statements is not correct?

   (A) Economic liberty means freedom from fear and starvation

   (B) Self-government in industry is important feature of economic liberty

   (C) Economic liberty means common ownership of the means of production and distribution

   (D) Economic liberty aims at establishing a self- sufficient society

35. The branch of philosophy that studies assumptions about the nature of reality and existence is

   (A) Epistemology

   (B) Ontology

   (C) Methodology

   (D) Phenomenology

36. The presence of _____ distinguishes a plant cell from an animal cell.

   (A) Nucleus

   (B) Chloroplast

   (C) Cell membrane

   (D) None of these

37. Which of the following is not a component of Chlorophyll?

   (A) Calcium

   (B) Carbon

   (C) Magnesium

   (D) Hydrogen

38. Besides carbohydrates, a major source of energy in our food is constituted by _____.

   (A) Vitamins

   (B) Minerals

   (C) Fats

   (D) Proteins

39. Biodegradable waste can usually be converted into useful substances with the help of _____.

(A) Bacteria

(B) Viruses

(C) Nuclear protein

(D) Radioactive substances

40. Which of the following is also called the 'power plants' of the cell?

(A) Golgi body

(B) Mitochondrion

(C) Ribosome

(D) Lysosome

41. Which of the following is an incorrect combination of Book and its author?

(A) Das Capital-----Karl Marx

(B) A Tale of two cities ------Charles Dickens

(C) A passage to India ------Leo Tolstoy

(D) Alice in Wonderland ------Lewis Carrol

42. DIKSHA, SWAYAM and NISHTHA are initiatives of which Union Ministry?

(A) Ministry of MSME

(B) Ministry of Education

(C) Ministry of Skill Development

(D) Ministry of Environment, Forest and Climate Change

43. Health heritage walks' were organised as a part of the celebration of which scheme?

(A) Beti Bachao Beti Padhao

(B) Sukanya Samriddhi Yojana

(C) PM Bharatiya Jan Aushadi Pariyojana

(D) Khelo India

44. What is part of a database that holds only one type of information?

(A) Report

(B) Field

(C) File

(D) Record

45. The speed of your net access is defined in terms of:

(A) RAM

(B) MHz

(C) Kbps

(D) Megabytes

46. What would you use for immediate, real-time communication with a friend?

(A) Email

(B) Instant Messaging

(C) Usenet

(D) Mailing List

47. The first graphical browser for the WWW was named:

(A) Netscape

(B) Veronica

(C) Mosaic

(D) Explorer

48. What is the World Wide Web?

(A) A computer game

(B) A software programme

(C) The part of the Internet that enables information –sharing via interconnected pages.

(D) Another name for the Internet

49. Which is the best search tool for finding Web sites that have been handpicked and recommended by someone else?

(A) Subject Directory

(B) Search Engine

(C) Meta-Search Engine

(D) Discussion Group

50. Which of the following unit is responsible for converting the data received from the user into a computer understandable format?

(A) Output Unit

(B) Input Unit

(C) Memory Unit

(D) Arithmetic and Logic Unit

51. HCL, H_2SO_4 and HNO_3 are considered as?

   (A) Strong solvents

   (B) Strong acids

   (C) Weak acids

   (D) Basic in nature

52. Which of the following would weigh most?

   (A) 1 mole of H_2O

   (B) 1 mole of CO_2

   (C) 1 mole of NH_3

   (D) 1 mole of CO

53. The first use of quantum theory to explain the structure of atom was made by

   (A) Heisenberg

   (B) Bohr

   (C) Planck

   (D) Einstein

54. When the electrons are either lost or gained, which type of chemical bonds form?

   (A) Metallic

   (B) Ionic

   (C) Covalent

   (D) Van Der Wall

55. In a chemical reaction, what is the role of a catalyst?

   (A) To change the Heat of Reaction

   (B) To change the Product of the Reaction

   (C) To change the Equilibrium Constant

   (D) To change the Activation Energy

56. Which is the longest beach in India?

   (A) Varkala Beach

   (B) Cavelossim Beach

   (C) Angoda Beach

   (D) Marina Beach

57. Except Assam, river Brahmaputra passes through which state in India?

    (A) Manipur

    (B) West Bengal

    (C) Arunachal Pradesh

    (D) Tripura

58. Which one the largest forts in India?

    (A) Red Fort

    (B) Gwalior Fort

    (C) Golkonda Fort

    (D) Chittorgarh Fort

59. Which below mentioned state doesn't share its boarder with Bhutan?

    (A) Arunachal Pradesh

    (B) Sikkim

    (C) Assam

    (D) Mizoram

60. Which state is the largest producer of Soyabean?

    (A) Punjab

    (B) Haryana

    (C) Uttar Pradesh

    (D) Madhya Pradesh

61. An amount of Rs. 10,000 becomes Rs. 20,736 in 2 years. If the rate of interest is compounded half yearly, what is the annual rate of interest?

    (A) 20%

    (B) 25%

    (C) 30%

    (D) 40%

62. A train is running at 36 km/h takes 10 seconds to pass a telegraph pole. How long it take to cross a platform of 110 meters long?

(A) 21 Sec

(B) 24 Sec

(C) 31 Sec

(D) 33 sec

63. The sum of two numbers is 24 and sum of their squares is 386, then one number is

(A) 9

(B) 11

(C) 17

(D) 19

64. A fraction is such that if the number is multiplied by 3 and denominator is reduced by 3, we get 18/11, but if the numerator is increased by 8 and denominator is doubled we get 2/5. Then the fraction is

(A) 8/15

(B) 12/25

(C) 11/21

(D) 9/28

65. Three partners A, B, and C start a business. B's capital is four times of C's capital and twice A's capital is equal to thrice of B's capital. If the total profit is 16500 at the end of a year, find out B's share in it.

(A) Rs. 4000

(B) Rs. 5000

(C) Rs. 6000

(D) Rs. 7000

66. Which article in Indian constitution deals with Indian Foreign Policy?

(A) Article 51

(B) Article 60

(C) Article 356

(D) Article 380

67. In India who is competent to amend Fundamental Rights of the citizens?

(A) President

(B) Prime minister

(C) Parliament

(D) Supreme Court

68. Which of the following is not a condition for acquisition of Indian citizenship?

(A) Domicile

(B) Descent

(C) Registration Property

(D) Property

69. A person to be qualified to contest in Panchayat elections must have attained the age of

(A) 18 years

(B) 21 years

(C) 25 years

(D) 30 years

70. The Directive Principles are enshrined in the constitution in _____.

(A) Part I

(B) Part II

(C) Part III

(D) Part IV

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ROUGH WORK