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# Kerala SET

**Previous Year Paper  
(Teaching Aptitude) 22  
Jan, 2024**



1. On the basis of Dale's cone of experience which of the following learning method is considered to be the most effective?
 

|                      |                                 |
|----------------------|---------------------------------|
| A) Reading text      | B) Watching still pictures      |
| C) Listen to lecture | D) Direct purposeful experience |
  
2. Match the following:
 

|  |  |
|--|--|
| <p>List I</p> <p>a. Silent Valley Movement</p> <p>b. Narmada Bachao Andolan</p> <p>c. Tehri dam conflict</p> <p>d. Chipko Movement</p> | <p>List II</p> <p>1. Against the displacement of town inhabitants and the environmental consequence of the weak ecosystem.</p> <p>2. Protecting the evergreen forest from being destroyed by a hydroelectric project.</p> <p>3. Tree hugging: wrapping arms around trees and forest protection.</p> <p>4. Against the large dams being built across the narmada river.</p> |
|--|--|

|                       |                       |
|-----------------------|-----------------------|
| A) a-4, b-2, c-3, d-1 | B) a-2, b-4, c-1, d-3 |
| C) a-4, b-3, c-2, d-1 | D) a-4, b-2, c-1, d-3 |
  
3. Match the following
 

|  |   |
|--|---|
| <p>List I</p> <p>a. Gagne</p> <p>b. Piaget</p> <p>c. Vygotsky</p> <p>d. John Dewey</p> | <p>List II</p> <p>1. Social constructivism</p> <p>2. Pragmatism</p> <p>3. Cognitive development theory</p> <p>4. Hierarchy of learning theory</p> |
|--|---|

|                       |                       |
|-----------------------|-----------------------|
| A) a-3, b-4, c-1, d-2 | B) a-2, b-4, c-3, d-1 |
| C) a-2, b-1, c-4, d-3 | D) a-4, b-3, c-1, d-2 |
  
4. Select the correct statement/s
  1. Education system should be isolated from society and culture
  2. Education has no role in balancing the socio-economic framework of the country
  3. Education is a powerful medium of social change
  4. Without any discrimination every person should get an equal opportunity for education

|           |           |               |               |
|-----------|-----------|---------------|---------------|
| A) 1 only | B) 2 only | C) 1 & 2 only | D) 3 & 4 only |
|-----------|-----------|---------------|---------------|
  
5. Who among the following propagated negative education?
 

|                         |              |
|-------------------------|--------------|
| A) Rousseau             | B) Aurobindo |
| C) Rabindra Nath Tagore | D) Plato     |

6. According to Piaget's theory of cognitive development, the ability to use signs and symbols to represent objects and events is a characteristic of ----- stage.  
A) Sensorimotor                      B) Pre-operational  
C) Concrete operational            D) Formal operational
7. Which of the following is a research tool?  
A) Survey            B) Checklist       C) Case study     D) Interview
8. Which among the following is the primary law in India on technology, computers, e-commerce and e-communication?  
A) Right to information Act, 2005  
B) Right to Education Act, 2009  
C) Information Technology Act, 2000  
D) National Institutes of Technology, Science Education and Research Act, 2007
9. The instructional strategy when focuses on students working in small groups to solve problems or preparing projects:  
A) Self directed learning          B) Programmed learning  
C) Collaborative learning        D) Flipped learning
10. Select the correct statements for a "Standardized test"  
1. Tests which are designed to measure a student's performance against a pre-determined set of criteria  
2. The same test can be given at different times and places  
3. Can compare the relative performance of individual students or group of students  
4. The test is not scored in a consistent or in a standard manner  
  
A) 1&2 only      B) 3&4 only      C) 1,2 &3 only    D) 1,2 3 & 4
11. The first education commission in independent India was:  
A) Secondary Education Commission  
B) Education Commission of India  
C) National Education Commission  
D) University Education Commission
12. Which of the following is a type of quantitative research?  
A) Phenomenology                  B) Grounded theory  
C) Ethnography                      D) Ex-post facto research
13. The activities learnt by right hand can be performed by left hand even without learning, up to some extent. Example: Govind is a right hander, but his right hand got injured. He tried to write the examination with the help of left hand. This transfer of learning is:  
A) Bilateral transfer                  B) Positive transfer  
C) Negative transfer                  D) None of these

14. The software that manages computer hardware and provides various services for computer programmes:  
A) Database B) Operating System  
C) Worksheet D) Word Processor
15. Environment protection act came into force in:  
A) 1972 B) 1988 C) 1986 D) 2002
16. "Teachers should be the best minds in the country". Whose words are these?  
A) Swami Vivekananda B) Dr. S. Radhakrishnan  
C) Mahatma Gandhi D) Rabindranath Tagore
17. The Commission appointed in 1929 to survey on the growth of education in India:  
A) Hunter Commission B) Sargent Commission  
C) Hartog Commission D) Charter Act
18. The Centrally sponsored scheme of the Ministry of Human Resource Development stands for the development of secondary education in public throughout India:  
A) RUSA B) RMSA C) SSA D) DPEP
19. An autonomous organization which emphasizes planning, management and capacity building in educational policy through research, training, consultancy and dissemination:  
A) NUEPA B) NCERT C) NCTE D) NAAC
20. The philosophical thought which postulates that all objects in the physical universe are reducible to a finite number of atoms?  
A) Nyaya B) Samkhya C) Vedanta D) Vaisheshika
21. 'Pramana' according to Patanjali is the process of -----.  
A) Attaining Nirvana B) Gaining correct Knowledge  
C) Acquiring Skills D) Learning Vedas
22. Who among the following was the First founder of Jainism?  
A) Swami Mahavir B) Ajithnath  
C) Rishabh Dev D) Sambhavnath
23. Islamic tradition in education lays importance on inculcation of which of the values?  
A) Freedom & Discipline B) Humility & Nobility  
C) Equality & Equity D) Quality & Excellence
24. Whose belief is that 'Man is born basically good but society corrupts mankind'?  
A) Froebel B) Dewey  
C) Rousseau D) Paulo Freire

25. The rapid growth of Nuclear families in the society, leading to many problems among youth is an instance of:  
 A) Value addition B) Value crisis  
 C) Value deterioration D) Value erosion
26. An organization moved from a competitive and isolated culture to one that is more collaborative and customer focused is an example for cultural:  
 A) Transformation B) Preservation  
 C) Transmission D) Renaissance
27. “Anything can be taught at any stage of development”. These words are by:  
 A) Jean Piaget B) David Ausubel  
 C) Jerome Bruner D) B.F. Skinner
28. The Indian Constitution bans untouchability in any form or kind, is part of:  
 A) Democracy B) Secularism C) Integration D) Nationalism
29. The newly developed vaccines which are beneficial to humans have been opposed by individuals due to moral and ethical reasons is an instance of cultural:  
 A) Inertia B) Lag C) Preservation D) Diffusion
30. Which among the following is **not** a Life Skill?  
 A) Empathy B) Effective Communication  
 C) Decision Making D) Intelligence
31. ‘A person’s personality is determined by characteristics that are consistent and stable over long periods of a person’s life’. Which personality approach is this?  
 A) Humanistic Approach B) Type Approach  
 C) Trait Approach D) Psycho Analytic Approach
32. The Seven Primary mental abilities in Intelligence is the contribution of:  
 A) Guilford B) Spearman C) Sternberg D) Thurston
33. The Concept of being able to successfully perceive and derive insight from visual data is---- Intelligence.  
 A) Logical B) Linguistic C) Spatial D) Naturalistic
34. Arrange the following steps in creativity in the right order:  
 1. Illumination 2. Preparation 3. Verification  
 4. Incubation 5. Evaluation  
 A) 1,5,4,2,3 B) 2,4,1,5,3 C) 3,4,5,2,1 D) 4,5,2,3,1
35. A learner is ‘Exceptional’ when his performance is significantly----- the average student.  
 A) Above B) Above or below  
 C) Below D) Similar to

36. Arrange the stages of Language development in the correct sequence:  
 1. Two word Stage    2. Pre-Linguistic Stage    3. Babbling Stage  
 4. Telegraphic Stage    5. Holophrastic Stage
- A)    2, 3,5,1,4    B)    3,2,5,1,4    C)    1,2,5,3,4    D)    4,5,3,2,1
37. The three store model of Information Processing was proposed by:  
 A)    Craik-Lockhart Model    B)    Independent Model  
 C)    Baddeley's Model    D)    Atkinson-Shiffrin Model
38. If a teacher identifies a general problem in the classroom, he can provide the immediate solution through:  
 A)    Action Research    B)    Discussion with peers  
 C)    Providing Guidance    D)    Conducting Survey
39. Who used the term 'nACH' in Motivation?  
 A)    Abraham Maslow    B)    David McClelland  
 C)    Eric Erickson    D)    Ivan Pavlov
40. Abilities and knowledge that enables a teacher to excel academically is Teacher:  
 A)    Accountability    B)    Proficiency  
 C)    Competency    D)    Adaptability
41. Process to create and provide access to learning when the source of information and the learners are separated by time and distance or both is:  
 A)    Facilitated learning    B)    Distance Education  
 C)    Group Instruction    D)    Mentoring
42. The ---- model is a student centred approach where the instructor guides the students through questions posed, methods designed and data interpreted by the students.  
 A)    Taba    B)    Concept Attainment  
 C)    Advance Organizer    D)    Inquiry
43. In Operant conditioning, the specific object or event that influences behaviour is:  
 A)    Stimulus    B)    Response  
 C)    Consequence    D)    Actions
44. "Student can achieve anything if sufficient time and sufficient support in learning provided to them". The concept is ----- learning.  
 A)    Assisted    B)    Mastery    C)    Situated    D)    Concept
45. The extent to which group members are attracted and attached to their group is known as:  
 A)    Inter-connectedness    B)    Intimacy  
 C)    Cohesiveness    D)    Similarity



46. A type of leadership that focuses on the exchange of skills, knowledge, resources and effort between leaders and subordinates is ----- Leadership.
- A) Democratic                      B) Autocratic  
C) Transactional                  D) Transformational
47. A learner who fails to achieve their potentials or not do as well as expected by their peers is:
- A) Slow Learner                      B) Under Achiever  
C) Delinquent                      D) Mentally Handicapped
48. Conduct disorder seen in childhood is ----- Disorder.
- A) Physical      B) Emotional      C) Cognitive      D) Behavioural
49. Why Portfolio is important to learners?
- A) It helps in storing all needed educational documents  
B) It is compulsory part of learning  
C) Ensure quality learning and to ensure students over a period of time  
D) It is part of an Assignment
50. Which among the following statement is **not** a demerit related to grading system as an evaluation procedure:
- A) Leading to feelings of inferiority or superiority among learners  
B) Fails in showing the accurate performance of learners  
C) It is predominantly dependent on teachers  
D) Provide feedback on student performance and help measure progress over time.
51. A complete network which is used within a building:
- A) WAN      B) Man      C) LAN      D) SAN
52. The name of a Web page address is:
- A) URL      B) Directory      C) Protocol      D) Domain
53. On-demand availability of computer system resources, especially data storage and computing power, without direct active management by the user is:
- A) Super Computing                  B) Green Computing  
C) Cloud Computing                  D) Cluster Computing
54. -----is a specific set of questions designed to produce scores indicating the intensity and direction of a person's feelings about an object, person or event.
- A) Questionnaire                      B) Aptitude test  
C) Surveys                              D) Attitude Scale



55. Process of Naturalistic inquiry that seeks an in-depth understanding of social phenomena within natural setting is ----- Research.  
A) Qualitative B) Action C) Quantitative D) Descriptive
56. The function of Kerala State Higher Education Council is to:  
A) Help through suitable programmes of research, training and extension.  
B) Impart comprehensive management training to officers of managerial level in education sector.  
C) Render advice to Government, Universities and other educational institutions of higher education in the state.  
D) Develop digital content like animations and interactive software's in education.
57. Expansion of 'SWAYAM':  
A) Social webs of active learning for young aspiring minds  
B) Study webs of active learning for young aspiring minds  
C) Study webs for achievement for young aspiring media persons  
D) Supercomputing webs for achieving technical knowledge for young aspiring minds.
58. As a teacher, if you get an opportunity to teach a partially visually challenged learner along with normal ones, how do you treat him/her in your class?  
A) Shows sympathy to him by not assigning works to him  
B) Give him some extra attention while teaching  
C) Inform the head of the school and parents about his disability  
D) Make him comfortable by arranging a seat in the front row.
59. 'NLM' stands for:  
A) National Literacy Mission  
B) National Labour Mission  
C) National Library Movement  
D) National Literacy Movement
60. The theme of Yashpal Committee Report is:  
A) ICT in education  
B) Learning without burden  
C) Learning through Experience  
D) Learning through collaboration
61. The first Indian city to be named as 'City of Literature' by the UNESCO creative cities network:  
A) Varanasi B) Kolkatha C) Kozhikode D) New Delhi

62. Eight friends A, B, C, D, E, F, G and H are sitting in a circle facing the centre. B is sitting between G and D. H is third to the left of B and second to the right of A. C is sitting between A and G and B and E are **not** sitting opposite to each other. Then, which of the following statements is not correct?
- E and C are sitting opposite to each other
  - A is sitting between C and F
  - E is sitting between F and D
  - C is third to the right of D
63. Fill up the blank choosing the correct option:  
People are mad ----- money.
- after
  - over
  - with
  - in
64. The Preamble of the Constitution of India has been amended only once so far, by the ----- Constitutional Amendment Act of -----.
- 35<sup>th</sup>, 1974
  - 42<sup>nd</sup>, 1976
  - 44<sup>th</sup>, 1978
  - 61<sup>st</sup>, 1989
65. The film maker who directed the large-scale epics 'The Bridge on the River Kwai', 'Lawrence of Arabia', 'Doctor Zhivago' and 'A Passage to India':
- David Lean
  - Danny Boyle
  - Sergei Eisenstein
  - Steven Spielberg
66. Match the List-I with List-II:
- | <u>List-I</u> |                      | <u>List-II</u> |                   |
|---------------|----------------------|----------------|-------------------|
| a.            | Aalahayude Penmakkal | 1.             | K. R. Meera       |
| b.            | Pravasam             | 2.             | Sara Joseph       |
| c.            | Aarachar             | 3.             | K. Satchidanandan |
| d.            | Peedanakalam         | 4.             | M. Mukundan       |
- a-3, b-1, c-4, d-2
  - a-2, b-4, c-1, d-3
  - a-4, b-2, c-3, d-1
  - a-4, b-2, c-1, d-3
67. If in a code language DISTANCE is written as IDTUBECN and DOCUMENT as ODDVNTNE, is THURSDAY will be written as:
- HTTQRYAD
  - DTVSTEYA
  - HTVSYADS
  - HTVSTYAD
68. Assertion (A): Forest cover in the country has gradually decreased.  
Reason (R): Human encroachment into the forests is one of the concerns of the Forest Department.
- (A) is true, but (R) is false
  - (A) is false, but (R) is true
  - Both (A) and (R) are true and (R) is the correct explanation of (A)
  - Both (A) and (R) are true but (R) is not the correct explanation of (A)

69. The first Environmental Movement in India:  
 A) Chipko Movement led by Sunderlal Bahuguna  
 B) Narmada Bachao Andolan led by Medha Patkar  
 C) Appiko Movement led by Panduranga Hegde  
 D) Bishnoi Movement led by Amrita Devi
70. Which of the following of the Vedangas in the ancient education system is **incorrectly** matched?  
 A) Chandas : Metrics                      B) Kalpa : Phonetics  
 C) Vyakarana : Grammar                D) Jyotisha : Astrology
71. Which of the following word to synonym relation is **Incorrect**?  
 A) Vindictive : Spiteful                  B) Gregarious : Social  
 C) Solicit : Request                        D) Aberration : Justification
72. Choose the correct meaning of the idiom: 'In weal and woe'.  
 A) In prosperity and adversity  
 B) In despair and failure  
 C) In happiness and friendship  
 D) In health and wealth
73. The sum of two positive integers multiplied by the bigger number is 204 and their differences multiplied by the smaller number is 35. The numbers are:  
 A) 13, 4                      B) 14, 3                      C) 12, 5                      D) 15, 8
74. Who said "Mathematics is the Queen of the Sciences" and "Arithmetic is the Queen of Mathematics"?  
 A) Carl Friedrich Gauss                  B) David Thoreau  
 C) James Clark Maxwell                D) Godfrey Harold Hardy
75. Match the following List-I (International Conventions on Environmental Issues) with List-II (Year of Establishment):
- | <u>List-I</u>           |    | <u>List-II</u> |
|-------------------------|----|----------------|
| a. Stockholm Convention | 1. | 1985           |
| b. Ramsar Convention    | 2. | 1989           |
| c. Vienna Convention    | 3. | 1971           |
| d. Basel Convention     | 4. | 2001           |
- A) a-2, b-4, c-1, d-3                      B) a-3, b-4, c-1, d-2  
 C) a-2, b-4, c-3, d-1                      D) a-4, b-3, c-1, d-2
76. The paintings in the Ajanta and Ellora caves are indicative of the development of art during the period of:  
 A) Rashtrakutas                              B) Pallavas  
 C) Chalukyas                                 D) Pandyas

77. Match the List-I with List-II:

| <u>List-I</u>          | <u>List-II</u>          |
|------------------------|-------------------------|
| a. We the People       | 1. Amitav Ghosh         |
| b. The Glass Palace    | 2. A. P. J. Abdul Kalam |
| c. Wings of Fire       | 3. Salman Rushdie       |
| d. Midnight's Children | 4. Nani Palkhivala      |
| A) a-3, b-4, c-1, d-2  | B) a-4, b-3, c-2, d-1   |
| C) a-4, b-1, c-2, d-3  | D) a-3, b-4, c-2, d-1   |

78. The longest reigning monarchs of all time:

- A) King Louis XIV of France
- B) Queen Victoria of United Kingdom
- C) King Bhumibol Adulyadej of Thailand
- D) King Johann II of Liechtenstein

79. If '+' stands for division, '÷' stands for multiplication, '×' stands for subtraction and '-' stands for addition, then which of the following is correct?

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| A) $18 \times 6 + 7 \div 5 - 2 = 16$ | B) $18 + 6 \div 7 \times 5 - 2 = 18$ |
| C) $18 \div 6 \times 7 + 5 - 2 = 22$ | D) $18 \div 6 - 7 + 5 \times 2 = 20$ |

80. Who was the first Ramon Magsaysay Award winner?

- |                  |                     |
|------------------|---------------------|
| A) Mother Teresa | B) Aung San Suu Kyi |
| C) Vinobha Bhave | D) Hiroshi Kuroki   |

81. The number and year in which India was the host of Commonwealth Games.

- |                   |                     |
|-------------------|---------------------|
| A) XXV CWG - 2018 | B) XVIII CWG - 2006 |
| C) XIX CWG - 2010 | D) XII CWG - 1982   |

82. Match the List-I (Artists) with List-II (Instruments):

| <u>List-I</u>         | <u>List-II</u>        |
|-----------------------|-----------------------|
| a. Vishva Mohan Bhatt | 1. Ghatam             |
| b. Shahid Parvez      | 2. Mohana Veena       |
| c. Zakir Hussain      | 3. Sitar              |
| d. Vikku Vinayaka Ram | 4. Tabla              |
| A) a-2, b-3, c-4, d-1 | B) a-3, b-2, c-1, d-4 |
| C) a-2, b-4, c-3, d-1 | D) a-2, b-3, c-1, d-4 |

83. Which of the following states 'One Nation, One Standard', a mantra with a view to ensuring national standards and quality?

- A) National Policy on Skill Development and Entrepreneurship, NPSDE 2015
- B) National Education Policy, NEP 2020
- C) National Institution for Transforming India, NITI Aayog 2015
- D) Pradhan Mantri Jan Dhan Yojana, PMJDY 2014

84. Find the missing number in the series.  
2, 7, 28, 63, 126, 215, ---.  
A) 444                      B) 344                      C) 334                      D) 333
85. Cambridge dictionary word of the year 2023:  
A) Homer                      B) Playharder                      C) AI                      D) Hallucinate
86. Which of the following ratio is greater?  
A) 15 : 23                      B) 17 : 25                      C) 21 : 29                      D) 7 : 15
87. Rajan is the brother of Sachin and Sanjay is the father of Rajan. Govind is the brother of Priya and Priya is the daughter of Sachin. Who is the uncle of Govind?  
A) Rajan                      B) Sanjay  
C) Sachin                      D) None of these
88. What will come in place of the question mark (?) in the following sequence?  
SEQUENTIAL, EQUENTIAL, EQUENTI, (?), QUEN  
A) UENTI                      B) QENTI                      C) UENTIA                      D) QUENTI
89. Match the List-I (Institutions and Associations related to Gandhiji) with List-II (Locations)
- | <u>List-I</u>                         | <u>List-II</u> |
|---------------------------------------|----------------|
| a. Gandhi Memorial Leprosy Foundation | 1. New Delhi   |
| b. Gandhi Peace Foundation            | 2. Dindigul    |
| c. Sabarmati Ashram                   | 3. Wardha      |
| d. Gandhigram Rural Institute         | 4. Ahmedabad   |
- A) a-3, b-1, c-2, d-4                      B) a-4, b-3, c-2, d-1  
C) a-1, b-3, c-2, d-4                      D) a-3, b-1, c-4, d-2
90. Which of the following statements regarding Performing Arts of Kerala is **Incorrect**?  
A) Padayani is performed in honour of Bhadrakali.  
B) Kummattikali falls into the category of Non-ritualistic magical art forms of Kerala.  
C) Mohiniyattom traces its repertoire to the foundational text 'Natya Shastra'.  
D) The 'Mizhavu' is the most prominent of the musical instruments used in Koodiyattom.
91. Un-jumble the following words to form a sentence and choose the correct answer from the given options.  
(a) device (b) the station/ (c) exploded/ (d) a powerful/ (e) outside/  
A) deabc                      B) daceb                      C) acbed                      D) beadc

92. The five year plan known as the 'Kerala Model Development Plan':  
A) Ninth Five Year Plan (1997-2002)  
B) Tenth Five Year Plan (2002-2007)  
C) Eleventh Five Year Plan (2007-2012)  
D) Twelfth Five Year Plan (2012-2017)
93. The agitation of the Joint Political Congress constituted by the Christian, Ezhava and the Muslim groups against the Constitutional Reforms of 1932, is known in Travancore history as:  
A) The Khilafat Movement  
B) The Swadeshi Movement  
C) The Non-Cooperation Movement  
D) The Abstention Movement
94. The first Middle East country with which India signed the Comprehensive Partnership Agreement (CEPA) in 2022:  
A) Oman  
B) Saudi Arabia  
C) U.A.E.  
D) Bahrain
95. The facility used to link one webpage to another webpage is:  
A) Protocol  
B) IP address  
C) Interaction  
D) Hyperlink
96. The most acceptable and widely used climate classification scheme of world climate is ---- climate classification.  
A) Koeppen  
B) Thornthwaite  
C) Alisov  
D) Berg
97. The density of which of the following metals is lower than that of water?  
A) Rhodium  
B) Molybdenum  
C) Gallium  
D) Lithium
98. The most commonly used icon for Linux software:  
A) Tux, the penguin  
B) Larry Bird  
C) Golden eagle  
D) Sparrow
99. The scientist who developed radiocarbon dating, or carbon-14 dating, the scientific method that can accurately determine the age of organic materials as old as approximately 60,000 years:  
A) Emily Kern  
B) Willard Libby  
C) Alexander Catlin Twining  
D) Fritz Strassmann

100. According to Article 359 of Indian Constitution, which articles of it cannot be eliminated under any circumstances, even during an emergency?  
 A) Articles 20 and 21                      B) Articles 23 and 24  
 C) Articles 30 and 31                      D) Articles 12 to 35.
101. The first planned ecotourism destination in India:  
 A) Bandipur National Park              B) Silent valley  
 C) Thenmala                                  D) Sunderbans National Park
102. The medals of the Asian Games 2023 were named after a style of Chinese painting. What is it?  
 A) Shan Shui    B) Hangzhou    C) Feng Shui    D) Shaolin
103. The company which would be the official partner for Board of Control for Cricket in India (BCCI) for Domestic, International Cricket season 2023-26:  
 A) Reliance Nippon                      B) SBI Life  
 C) ICICI Prudential                      D) Aditya Birla Sun Life Insurance
104. According to the latest FIDE ratings, who has overtaken the legendary Viswanathan Anand as India's top chess player in August 2023?  
 A) R. Praggnanandhaa                  B) Nihal Sarin  
 C) Vidit Gujarathi                      D) D Gukesh
105. From the following, identify the princely states took over by the British East India Company by the use of the Doctrine of Lapse policy:  
 1. Satara                      2. Sambalpur                      3. Arcot                      4. Nagpur  
 A) 1 & 2 only    B) 2 & 3 only    C) 1, 3 & 4 only    D) 1, 2, 3 & 4
106. Identify the countries which belong to the G7 group:  
 1. United States                      2. China                      3. Japan                      4. India  
 A) 1 & 2 only    B) 1, 3 & 4 only    C) 1 & 3 only    D) 2, 3 & 4 only
107. Match the List I(Companies) with List II(Country of origin):
- | List I                 | List II          |
|------------------------|------------------|
| a. Lenovo              | 1. France        |
| b. Nokia               | 2. United States |
| c. Dassault Industries | 3. Finland       |
| d. Hewlett Packard     | 4. China         |
- A) a-4, b-3, c-1, d-2                      B) a-4, b-3, c-2, d-1  
 C) a-3, b-2, c-4, d-1                      D) a-3, b-4, c-2, d-1



108. Match the following List I(AI-based programmes) with List II(Producers)
- |              |                  |
|--------------|------------------|
| List I       | List II          |
| a. ChatGPT   | 1. Baidu         |
| b. Bard      | 2. Samanyou Garg |
| c. Ernie     | 3. OpenAI        |
| d. ChatSonic | 4. Google        |
- A) a-4, b-3, c-2, d-1      B) a-3, b-4, c-1, d-2  
C) a-2, b-1, c-3, d-4      D) a-1, b-2, c-3, d-4
109. Match the following List I (Sports personalities) with List II (Native countries):
- |                        |                  |
|------------------------|------------------|
| List I                 | List II          |
| a. Novak Djokovic      | 1. Poland        |
| b. Michael Fred Phelps | 2. Australia     |
| c. Travis Head         | 3. Serbia        |
| d. Robert Lewandowski  | 4. United States |
- A) a-4, b-3, c-2, d-1      B) a-3, b-2, c-1, d-4  
C) a-2, b-3, c-4, d-1      D) a-3, b-4, c-2, d-1
110. Which of the following belong to the category of organic farming pesticides?
1. Garlic      2. Onion      3. Neem      4. Tobacco water
- A) 1 & 2 only      B) 1 & 4 only      C) 2, 3 & 4 only      D) 1, 2, 3 & 4
111. Arrange the following union territories in India from the biggest to smallest in terms of area:
1. Andaman Nicobar      2. Puducherry  
3. Lakshadweep      4. Dadra and Nagarhaveli and Daman and Diu
- A) 1, 4, 2, 3      B) 1, 4, 3, 2      C) 1, 2, 3, 4      D) 1, 2, 4, 3
112. Three persons A, B and C were engaged to complete a job. They completed it in 5 days and the remuneration paid for the entire job was Rs. 70000. B has only half the efficiency of A and C has only half the efficiency of B. If the amount is distributed equally per day on the basis of their efficiency, what is the amount received by each per day?
- A) Rs. 7000, 3500, 1750      B) Rs. 7500, 3750, 2250  
C) Rs. 8000, 4000, 2000      D) Rs. 8000, 3500, 2500
113. A manuscript of 7950 words was distributed to two typists A and B with a typing speed of 15 words/minute and 20 words/minute respectively. Typist A stops the work exactly after 1 hour 30 minutes. If so, how much time is required for typist B to finish the remaining work?
- A) 4 hours      B) 3 hours 30 minutes  
C) 3 hours 40 minutes      D) 5 hours 30 minutes

114. Assertion (A): New Education Policy 2020 proposes to test the students' critical thinking, rationalization, and creativity with the practical application of their knowledge.  
Reason (R): The Policy proposes the creation of the National Research Foundation as an apex body for fostering a strong research culture and building research capacity.
- A) Both (A) and (R) are true and (R) is the correct explanation of (A).  
B) Both (A) and (R) are true but (R) is not the correct explanation of (A).  
C) (A) is true but (R) is false.  
D) (A) is false but (R) is true.
115. Assertion (A): Industry 4.0 is revolutionizing the way companies manufacture, improve and distribute their products.  
Reason (R): The large scale application of artificial intelligence in industries would be counterproductive due to the absence of innovative thinking.
- A) Both (A) and (R) are true and (R) is the correct explanation of (A).  
B) Both (A) and (R) are true but (R) is not the correct explanation of (A).  
C) (A) is true but (R) is false.  
D) (A) is false but (R) is true.
116. The figure of speech used in the sentence "I feel that these patterns are pretty ugly and not up to the mark" is:  
A) Simile      B) Metaphor      C) Oxymoron      D) Hyperbole
117. The term used to denote low levels of oxygen in the blood of human beings:  
A) Hypoxemia      B) Hyperoxia  
C) Hyperoxemia      D) Thalassemia
118. The director of the film Oppenheimer, the biographical thriller on the father of atom bomb, released in July 2023:  
A) Danny Boyle      B) Christopher Nolan  
C) James Cameron      D) Steven Spielberg
119. Neptune, the eighth planet of the solar system, was named after which God of Roman religion?  
A) God of the seas      B) God of the underworld  
C) God of heaven      D) God of the sky and thunder
120. India's lunar mission Chandrayan 3 landed on Moon on -----2023.  
A) 14<sup>th</sup> July      B) 23<sup>rd</sup> August      C) 3<sup>rd</sup> August      D) 31<sup>st</sup> July