

1. When cream is separated from milk
  - A) The density of milk increases
  - B) The density of milk decreases
  - C) The density of milk remains unchanged
  - D) It becomes more viscous
  
2. Heat stored in water vapour is
  - A) Specific heat
  - B) Latent heat
  - C) Absolute heat
  - D) Relative heat
  
3. Which of the following is called the 'powerhouse' of the cell?
  - A) Nucleus
  - B) Lysosome
  - C) Chromosome
  - D) Mitochondrion
  
4. Which of the following fuels causes minimum environmental pollution?
  - A) Diesel
  - B) Kerosene
  - C) Hydrogen
  - D) Coal
  
5. Which one of the following has a pH value greater than 10.5?
  - A) Blood
  - B) Lemon Juice
  - C) Milk
  - D) Lime Water
  
6. The 'Hot Spot' of Biodiversity in India are
  - A) Western Himalayas and Eastern Ghats
  - B) Western Himalayas and Sunderban
  - C) Eastern Himalayas and Western Ghats
  - D) Eastern Himalayas and Silent Valley
  
7. The Vitamin that is not soluble in water is
  - A) Vitamin C
  - B) Vitamin D
  - C) Vitamin B6
  - D) Vitamin B2
  
8. The most indispensable part of a smartphone is
  - A) Touch screen
  - B) Camera
  - C) Operating system
  - D) 3 G connectivity
  
9. The electromagnetic wave having shortest wave length is
  - A) X rays
  - B) Infrared rays
  - C) Micro waves
  - D) Gamma Rays

10. In the table given below

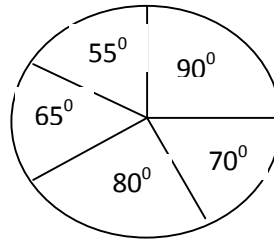
<u>Marks</u>	<u>No of students</u>
More than 0	50
More than 10	46
More than 20	40
More than 30	26
More than 40	10
More than 50	3

the number of students securing up to 40 marks is:

- A) 20                      B) 46                      C) 40                      D) 30

11. In the following pie chart, Mark obtained by a student in 5 subjects is plotted. The total mark of examination is 540. Chart details are as follows:

Maths	-	90°
English	-	55°
Science	-	80°
Hindi	-	65°
Malayalam	-	70°



The subject in which the student got 105 marks is

- A) Maths                      B) Malayalam  
C) Hindi                      D) English

12. The ages of Anu and Binu are in the ratio of 7: 10 respectively. After 6 years the ratio of their ages will be 17:23. What is the difference in their ages?

- A) 8 years                      B) 4 years  
C) 12 years                      D) 10 years

13. The most abundant metal in the earth's crust is

- A) Zinc                      B) Copper                      C) Aluminium                      D) Iron

14. Right to Education has been guaranteed as a Fundamental Right by which Amendment of Constitution of India?

- A) 42nd Constitutional Amendment  
B) 44th Constitutional Amendment  
C) 85th Constitutional Amendment  
D) 86th Constitutional Amendment

15. 6th April, 1930 is well known in the history of India because this date is associated with -----

- A) Dandi March by Mahatma Gandhi  
B) Quit India Movement  
C) Partition of Bengal  
D) Partition of India

16. A national leader, whose birthday is observed as the National Education Day on November 11, is  
 A) J. B. Kripalani                      B) Rajiv Gandhi  
 C) MaulanaAbulKalam Azad      D) Dr. A.P.J. Abdul Kalam
17. The three-tier Panchayat Raj System in India was proposed by the  
 A) BalwantRai Mehta Committee  
 B) Ashok Mehta Committee  
 C) Royal Commission  
 D) None of the above
18. Which of the following objectives has not been mentioned in the Preamble of the Constitution?  
 A) Justice and equality                  B) Right to employment  
 C) Liberty                                  D) Fraternity
19. Kuchipudi is a dance drama of which of the following States?  
 A) Andhra Pradesh                      B) Kerala  
 C) Karnataka                              D) Tamil Nadu
20. Who translated Ramayana into Persian?  
 A) AbulFazl                                B) Abdul Bada'uni  
 C) Abdul Latif                              D) Isar Das
21. Who is the author of the book named *The Audacity of Hope*?  
 A) NayantaraSehgal                      B) Salman Rushdie  
 C) Vikram Seth                             D) Barack Obama
22. The meaning of “Thamaso ma Jyothirgamaya” is  
 A) Leading from darkness to light  
 B) Leading from disbelief to faith  
 C) Leading from hell to heaven  
 D) Leading from light to darkness
23. Anekāntavāda is one of the most important and fundamental doctrines of  
 A) Advaita                                  B) Vedanta  
 C) Jainism                                  D) Buddhism
24. An autonomous body which was established in 1962 to promote art and artistic heritage, based at Thrissur  
 A) Kerala Kalamandalam  
 B) Kerala Lalitakala Academy  
 C) Kerala SangeethaNadaka Academy  
 D) Kerala Folklore Academy

25. Noted social worker Anna Hazare started his hunger strike at JantarMantar in New Delhi to protest against the reported delay in bringing in which of the following bills to effectively deal with corruption?
- A) Central Vigilance Commission Bill
  - B) The Competition (Amendment) Bill
  - C) The Appropriation (No. 3) Bill
  - D) Lokpal Bill
26. Koneru Humpy is associated with
- A) Lawn Tennis
  - B) Hockey
  - C) Chess
  - D) Badminton
27. Where is the seat of the International Court of Justice?
- A) New York
  - B) The Hague
  - C) London
  - D) Paris
28. Chandrayaan-I was launched from
- A) Orissa
  - B) Tamil Nadu
  - C) Karnataka
  - D) Andhra Pradesh
29. 'ASHA' is a scheme for providing which of the following services to the people in India?
- A) Health Service
  - B) Clean water
  - C) Primary Education
  - D) Women Employment for 100 days
30. What is Cartosat-2B?
- A) It is an educational project launched by UGC
  - B) It is a warhead developed by DRDO
  - C) It is an advanced remote sensing satellite built by ISRO
  - D) It is an advanced computer developed by IIT Kanpur
31. Which of the following terms is used in the game of Cricket?
- A) Penalty Stroke
  - B) Knock out
  - C) Bully
  - D) Silly point
32. The present Chief Election Commissioner of India is
- A) SukumarSen
  - B) V.S.Sampath
  - C) S.Y.Quraishi
  - D) NaliniNetto
33. The 'White Revolution' is associated with
- A) C. Rangarajan
  - B) J. C. Bose
  - C) KurienVerghese
  - D) M. S. Swaminathan
34. Which one of the following fields was PanditBhimsen Joshi associated with?
- A) Dance
  - B) Music
  - C) Short-story writing
  - D) Politics

35. Which film won the NATIONAL AWARD for “Best film on social issues:” in the year 2013`?
- A) *Paan Singh Tomar*                      B) *Vicky Donor*  
 C) *Ustad Hotel*                              D) *Spirit*
36. India-based Neutrino Observatory (INO) is proposed to be located at
- A) Koodamkulam                              B) Theni  
 C) Trichy                                        D) Rameswaram
37. Which one of the following sites from where the famous Zebu Bull-seal of Indus Valley Civilization was found?
- A) Harappa                                      B) Chanhudaro  
 C) Lothal                                         D) Mesopotamia
38. The synagogue is generally
- A) A palace                                      B) Place of worship of Sikhs  
 C) Jewish House of Prayer                D) TheParsi temple
39. The period 1000-500 B.C. belongs to which one of the following?
- A) Stone Age                                    B) Bronze Age  
 C) Iron Age                                       D) Classical Period
40. When a person adopts anything from a dominant culture, it is called
- A) Acculturation                                B) Enculturation  
 C) Cultural lag                                   D) Universalisation of culture
41. The drama “ Pareeksha” is written by
- A) ThoppilBhasi                                B) KavalamNarayanaPanickar  
 C) K.T. Mohammed                         D) T.N. Gopinathan Nair
42. Adolescence is a period of ‘storm and stress’, was said by
- A) G. Stanley Hall                              B) B. F. Skinner  
 C) Jean Piaget                                    D) Erickson
43. The main objective of Public Broadcasting System i.e., PrasarBharathi is to provide
- A) Information, Entertainment and Education  
 B) Entertainment, Education and Interaction  
 C) Education, Interaction and Enlightenment  
 D) Entertainment only
44. Gross Domestic Product is the monetary value of
- A) Stock of goods and services  
 B) All final goods and services produced in a year  
 C) Goods produced for the market only  
 D) Goods produced for the market and for self-consumption

45. The full form of PIN in a ATM card is  
 A) Permanent Information Number  
 B) Personal Identification Number  
 C) Personal Index Number  
 D) Permanent Identification Number
46. Communication barrier due to language related mistakes is called  
 A) Semantic barrier                      B) Personal barrier  
 C) Emotional barrier                      D) Organisational barrier
47. Banking and financial services, all over the world, are regulated usually by Monetary Authority of the land. Who controls this function in India?  
 A) Ministry of Finance                      B) SEBI  
 C) RBI    D) IRDA
48. The abilities for adaptive and positive behaviour that enable individuals to deal effectively with the demands and challenges of everyday life is called  
 A) Life Orientation                      B) Soft Skills  
 C) Adjustment Mechanism                      D) Life Skills
49. The space in your computer that loads and works with data  
 A) Cache memory                      B) CPU  
 C) ROM memory                      D) RAM memory
50. An email account includes a storage area, often called a/an  
 A) Attachment                      B) Hyperlink  
 C) Mailbox                      D) IP address
51. The taskbar is located  
 A) On the Start menu  
 B) At the bottom of the screen  
 C) On the Quick Launch toolbar  
 D) At the top of the screen
52. Computer uses the ----- number system to store data and perform calculations  
 A) Binary    B) Octal  
 C) Decimal    D) Hexadecimal
53. What does the acronym ISDN stand for?  
 A) Indian Standard Digital Network  
 B) Integrated Services Digital Network  
 C) Intelligent Services Digital Network  
 D) Integrated Services Data Network

54. The act of unauthorized copying or downloading of a program from a network and making multiple copies of it is  
 A) Plagiarism B) Network piracy  
 C) Software piracy D) Site-license piracy
55. A compiler is used to translate a program written in  
 A) A low level language B) A high level language  
 C) Assembly language D) Machine language
56. Satellite communication works through  
 A) Radar B) Transponder  
 C) Receptor D) Transmitter
57. Errors in a computer program are referred to as  
 A) Bugs B) Mistakes  
 C) Item overlooked D) Crash
58. An e-mail address typically consists of a user ID followed by the ----- sign and the name of the e-mail server that manages the user's electronic post office box.  
 A) @ B) & C) # D) \*
59. The competency of an effective communicator can be judged on the basis of  
 A) Personality of the communicator  
 B) Experience in the field  
 C) Interactivity with target audience  
 D) Meeting the needs of target audience
60. Project IT@School by Government of Kerala, was established in the year  
 A) 2001 B) 2005 C) 2000 D) 2002
61. 'Key to students' learning' according to Piaget is  
 A) Activity B) Talking  
 C) Seeing D) Listening
62. Problem-solving strategies that guide the search for solutions are called  
 A) Heuristic B) Negation  
 C) Both (A) and (B) D) None of these
63. What was Froebel's most important contribution to education?  
 A) Vocational school B) Public high school  
 C) Kindergarten D) Latin School
64. Why the knowledge of child psychology is a must for a teacher?  
 A) It helps in making children disciplined  
 B) The examination result is improved  
 C) It becomes a convenient mode for motivating children  
 D) It helps the teacher in understanding the behavior of children

65. Perception may be best described as  
 A) A collection of sensations  
 B) An objective view of reality  
 C) Meaning attached to sensory information  
 D) Multiple stimuli
66. Who has described human behaviour and development as a process of responding to rewards and punishments in the environment?  
 A) Jean Piaget  
 B) B.F. Skinner  
 C) John Watson  
 D) Kohler
67. If you have all the potentialities to become an efficient teacher but the school's adverse conditions do not help you, how could you adjust with this reality?  
 A) You will continue excellent efforts because you believe that unfavourable conditions lead to some solutions  
 B) You will try to force the administrative machinery to control the conditions  
 C) You will work unwillingly under these prevailing situations  
 D) You will not even try to think about its solution
68. An effective teacher is one who can  
 A) Control the class  
 B) Give more information in less time  
 C) Motivate students to learn  
 D) Correct the assignments carefully
69. Critical Pedagogy is associated with  
 A) John Dewy  
 B) Paulo Freire  
 C) Socrates  
 D) Gandhiji
70. The teacher who has developed an interest in teaching  
 A) Studies problem of student behaviour  
 B) Compares different types of tests  
 C) Refuses to manage individual differences  
 D) Cannot deal with children effectively
71. Programmed Learning involves  
 A) A graded series of audio tapes  
 B) An ordered sequence of stimulus items  
 C) Collection of slides and film strips on the lesson  
 D) Well planned lesson material used for continuing education
72. When teachers use principles of reinforcement, the most readily available one is  
 A) Negative feedback  
 B) Punishment  
 C) Praise  
 D) Criticism
73. What is the main subject of study of Gestalt Psychology?  
 A) Learning  
 B) Motivation  
 C) Perception  
 D) Consciousness



74. Two factor Theory of Intelligence is related to  
 A) Spearman    B) Binet    C) Hull    D) Stone
75. One who has learnt to drive a Maruticar drives an Ambassador car with little difficulty. This phenomenon is called  
 A) Re learning    B) Over learning  
 C) Automatic learning    D) Transfer of learning
76. Girls surpass boys physically in  
 A) Infancy    B) Later childhood  
 C) Early childhood    D) Adolescence
77. Elektra complex refers to  
 A) Daughter's unconscious libidinal desire for her father  
 B) Son's unconscious libidinal desire for his mother  
 C) Inferiority complex of males in the presence of females  
 D) None of the above
78. Counselling based on learning theories and principles is known as  
 A) Eclectic Therapy    B) Shock Therapy  
 C) Behaviour Therapy    D) Play Therapy
79. When a teacher relates learning materials with life situations .....
- A) The gap between past and present is reduced to zero  
 B) Materials of life situations work as teaching aids  
 C) Association improves learning and retention  
 D) None of the above
80. According to Piaget, the development of Object Permanence is one of the most important accomplishments in  
 A) Sensory-motor stage    B) Formal operational stage  
 C) Concrete operational stage    D) Preoperational stage
81. ----- refers to states within a person or animal that drive behaviour towards some goal.  
 A) Competence    B) Affiliation  
 C) Motivation    D) Self-actualisation
82. A Skinner Box is used for  
 A) Motor learning    B) Verbal learning  
 C) Incidental learning    D) Problem solving
83. Both proactive and retroactive inhibitions are due to  
 A) Forgetting    B) Repression  
 C) Positive transfer    D) Negative transfer
84. Temper tantrums occur among children due to  
 A) Overprotection    B) Low intelligence  
 C) Avoidance    D) Emotional instability

85. SarvaShikshaAbhiyan is aimed at  
 A) Education of children between 6–14 years  
 B) Education of girls up to graduation level  
 C) Education of SC/ST students of 6-14 years  
 D) Adult education
86. The purpose of establishing Navodaya Schools is  
 A) To complete ‘SarvaShikshaAbhiyan’ in rural areas  
 B) To provide good education in rural areas  
 C) Check wastage of education in rural areas  
 D) To increase number of schools in rural areas
87. Which of the following type represents Vivekananda’s contribution to Education?  
 A) Education for international understanding  
 B) Integrated education  
 C) Basic Education  
 D) Education for man making
88. The Kothari Commission Report was published in  
 A) 1986                      B) 1956                      C) 1966                      D) 1976
89. “Education as a force makes an individual self reliant as well as selfless” This statement is related to  
 A) Samaveda                      B) Rigveda  
 C) Vedanta                      D) Upanishads
90. The aim of National Council for Teacher Education is  
 A) To open college of education  
 B) To promote research in education  
 C) To maintain standards in colleges of education  
 D) To provide grant to colleges of education
91. Team teaching is aimed at  
 A) Developing competitive spirit  
 B) Criticizing by highlighting the gaps in each other’s teaching  
 C) Developing the habit of supplementing the teaching of each other  
 D) Completing the curriculum before time
92.  $(r - 1) \times (k - 1)$  gives the degree of freedom of  
 A) SST in case of ANOVA  
 B) SS<sub>AxB</sub> in case of factorial- design of experiment  
 C) Chi-square value in case of chi-square test  
 D) t-value in case of uncorrelated sample test
93. The name of Stephen. M. Corey is associated with  
 A) Fundamental research                      B) Action research  
 C) Applied research                      D) Sociometric research

94. Which is the most significant innovation in instructional strategy that emerged from the theory of multiple intelligence?
- A) Collaborative learning  
 B) Process- oriented approach  
 C) Multi- methodology approach  
 D) None of the above
95. Sampling technique is based on
- A) Inductive method                      B) Deductive method  
 C) Analysis Method                      D) None of these
96. Who gave the idea of Factorial Design?
- A) John .W.Best                      B) R.A . Fisher  
 C) Skinner                      D) Pearson
97. The CBSE's latest directive to hold Open books examination will help
- A) Prevent rote memorization  
 B) Students by reducing stress  
 C) Students study limited areas  
 D) Examination redundant
98. Who is the Father of ‘Micro Teaching’?
- A) B.K.Passi                      B) Dwight Allen  
 C) Ned.A. Flander                      D) Bruce Joyce
99. Which one of the following Teaching Model belongs to “The Information Processing Family”?
- A) Synectics Model                      B) Jurisprudential Inquiry Model  
 C) Mastery Learning Model                      D) Concept Attainment Model
100. Which one of the following is aimed at Theory building?
- A) Survey Research                      B) Fundamental Research  
 C) Action Research                      D) Applied Research
101. Experiential Intelligence is related to the theory of Intelligence proposed by
- A) Binet                      B) Guilford  
 C) Sternberg                      D) Gardner
102. Role of a Constructivist teacher is to
- A) Provide information  
 B) Keep students quiet on task  
 C) Help students to discover information  
 D) Use intra class competition to motivate
103. RashtriyaMadhyamikShikshaAbhiyan is a Scheme for Universalisation of Access to and Improvement of Quality in
- A) Anganwadis  
 B) Colleges  
 C) Secondary and Higher Secondary Schools  
 D) Primary Schools

104. An advanced stage of moral development, during which the “goodness” or “badness” of various acts is judged according to self-chosen moral principles, is called
- A) Post conventional stage      B) Pre conventional stage  
C) Objective moral orientation      D) Subjective moral orientation
105. According to socio-cultural theory, “social interactions of adults with children provide mental structures, the children can use as they master new tasks and new ways of thinking” This is known as
- A) Help      B) Scaffolding  
C) Visual cliff      D) Framework
106. Student Action for Value Education programme (SAVE) is an initiative of
- A) Help Age India      B) SSA  
C) SCERT      D) UGC
107. The Article of the Indian Constitution that abolishes untouchability and forbids its practice is:
- A) Article 14      B) Article 15  
C) Article 13      D) Article 17
108. Three levels of moral development, comprising six stages, were proposed by
- A) Hoffman      B) Piaget  
C) Freud      D) Kohlberg
109. Students should be given home-work to
- A) Study at home  
B) Check their progress by teachers  
C) Keep them busy  
D) Develop habit of self-study
110. Psychologist ----- and his colleagues list out seven steps leading to effective problem solving - recognize, define, develop a strategy, organize the knowledge, figure out resources, monitor progress and evaluate the solution
- A) John Bransford      B) Karl Duncker  
C) Adams      D) Longier & Piper
111. According to Bloom’s Taxonomy of Educational Objectives, which of the following is not a specification of “Application”?
- A) Respects      B) Verifies  
C) Interprets      D) Predicts
112. Which of the following method is more suitable to understand the achievement of great scientists?
- A) Demonstration method      B) Laboratory method  
C) Biographical method      D) Lecture method

