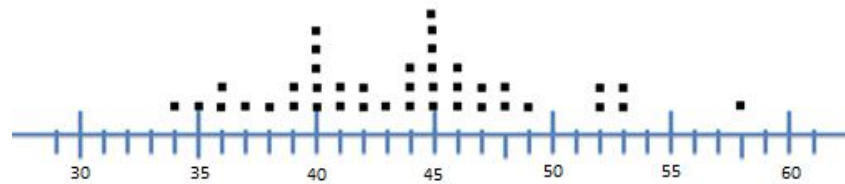


**15636****120 MINUTES**

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1. Which of the following branch of Physics deals with the study of low temperature?  
A) Acoustics  
B) Biophysics  
C) Cryogenics  
D) Mechanics **Ans. C**
2. The instrument used for measuring speed of wind is  
A) Dosimeter  
B) Barometer  
C) Chronometer  
D) Anemometer **Ans. D**
3. Optical fibres used in modern communication systems are based on the phenomenon  
A) Total Internal Reflection  
B) Dispersion  
C) Diffraction  
D) Interference **Ans. A**
4. The largest mangrove forest in the world is  
A) Can Gio  
B) Bhitarkanika  
C) Sundarbans  
D) Pichavaram **Ans. C**
5. Which of the following is the most abundant element in the universe?  
A) Helium  
B) Hydrogen  
C) Oxygen  
D) Nitrogen **Ans. B**
6. The components of bleaching powder  
A) Chlorine and Sodium  
B) Chlorine and Carbon  
C) Chlorine and Calcium  
D) Chlorine and Hydrogen **Ans. C**
7. Which of the following is the nature of the ore in mineral Dolomite?  
A) Sulphides  
B) Oxides  
C) Carbonates  
D) Sulphates **Ans. C**
8. The atmosphere of the earth is divided into different layers. How many layers are there?  
A) Four  
B) Five  
C) Six  
D) Eight **Ans. B**
9. Rs.20000 is borrowed at compound interest of 10% for first year, 20% for the second year, and 10% for the third year. The amount to be paid after 3 years is  
A) Rs.29040  
B) Rs.28040  
C) Rs.26040  
D) Rs.27040 **Ans. B**

10. Forty people went on a pilgrimage together. Their ages are shown in the line plot given below.



Identify the ages shared by only two persons each in the group

- A) 36, 41, 43, 44, 47, 50, 51, 52  
 B) 36, 39, 43, 45, 47, 51, 52, 53  
 C) 36, 39, 41, 42, 47, 48, 52, 53 ✓  
 D) 36, 39, 41, 45, 47, 48, 52, 53
11. Complete the series 2,5, 9,19,37,\_\_\_\_\_
- A) 74                      B) ✓ 75                      C) 73                      D) 76
12. A playground measuring 1200 sq.m. occupies one-sixth of a plot with length two times its breadth. Find the length of the plot.
- A) 120 m ✓                      B) 80 m  
 C) 140 m                      D) 90 m
13. What is the distance between the extreme latitude points of East and West of India?
- A) 3210 Km                      B) 2933 Km ✓  
 C) 1860 Km                      D) 2480 Km
14. In the 12<sup>th</sup> Plan the Government intends to reduce poverty by
- A) 8%                      B) 9%  
 C) 10% ✓                      D) 7%
15. The 'Phoenix Settlement' founded by Gandhi is located at/in
- A) Ahmedabad                      B) Gujarat  
 C) England                      D) South Africa ✓
16. Which of the following Schedule of the Constitution contains provisions of Panchayati Raj?
- A) 12<sup>th</sup> Schedule                      B) 11<sup>th</sup> Schedule ✓  
 C) 10<sup>th</sup> Schedule                      D) 7<sup>th</sup> Schedule
17. Which of the following is the most populous city in India?
- A) Mumbai                      B) Kolkata                      C) Chennai                      D) Delhi ✓
18. In which of the following minerals India is the largest producer in the world?
- A) Gold                      B) Coal                      C) Manganese                      D) Mica ✓

19. Who among the following was awarded Bharat Ratna (posthumously) in 2015?  
A) Pandit Madan Mohan Malaviya ✓  
B) Moraji Desai  
C) C Rajagopalachari  
D) Sardar Vallabhbhai Patel
20. *Uttishthata, Jagrata, Prapya Varan Nibodhata*- Whose inspirational words are these?  
A) Mohandas Karamchand Gandhi  
B) Rabindranath Tagore  
C) Sarvepalle Radhakrishnan  
D) Swami Vivekananda ✓
21. The pen name of Benny Daniel is  
A) Anand  
B) Benyamin ✓  
C) Ekalavyan  
D) Kesari
22. M. S. Gopalakrishnan, Lalgudi Jayaraman and T. N. Krishnan are renowned  
A) Flutists  
B) Violinists ✓  
C) Sitarists  
D) Tabalists
23. Which of the following art form of Kerala is the oldest existing classical theatre form of the world?  
A) *Kathakali*  
B) *Koodiyattam* ✓  
C) *Krishnanattam*  
D) *Margam Kali*
24. *To Students* is a book written by  
A) Rabindranath Tagore  
B) H.R. Bhatia  
C) Dr. Zakir Hussain  
D) Mahatma Gandhi ✓
25. An Indian musician who was awarded all the top four civilian awards viz. Padma Shri, Padma Bhusan, Padma Vibhusan and Bharat Ratna.  
A) Ustad Bismillah Khan ✓  
B) Ustad Shivkumar Sharma  
C) Ustad Zakir Hussain  
D) M. Balamuralikrishna
26. What is the speed record set by a seven-coach magnetic levitation train in Japan in 2015 April?  
A) 583 kmph  
B) 603 kmph ✓  
C) 653 kmph  
D) 589 kmph
27. The United Nations has designated 15th June as  
A) Autism Awareness Day  
B) World Elder Abuse Awareness Day ✓  
C) Zero Discrimination Day  
D) Global Day of Parents

28. Who among the following was awarded the trophy for the Best Athlete in men's section in the 35<sup>th</sup> National Games?  
A) Sajjan Prakash ✓ B) Dharambir  
C) Dheeraj D) Jagtar Singh
29. Eddie Redmayne got the 2015 Oscar Award for Best Actor for his performance in the film *The Theory of Everything*. This film is based on the life of:  
A) Martin Luther King(Jr.) B) Thomas Alva Edison  
C) Stephen Hawking ✓ D) Abraham Lincoln
30. Chairman of the Law Commission of India:  
A) Justice K.G.Balakrishnan B) Justice P.V.Reddi  
C) Justice A.R.Lakshmanan D) Justice A.P.Shah ✓
31. Who among the following is the current Chief Election Commissioner?  
A) Nasim Zaidi ✓ B) Ashish Srivastava  
C) H S Brahma D) Dhirendra Ojha
32. Kailash Satyarthi who won the Nobel Peace Prize 2014 is:  
A) A child rights activist ✓ B) An environmental activist  
C) A Green Peace activist D) A human rights activist
33. Who is the author of the book *The Dramatic Decade: The Indira Gandhi Years?*  
A) Sitaram Goel B) Sanjaya Baru  
C) Manoj Joshi D) Pranab Mukherjee ✓
34. Who among the following is the Minister of Minority Affairs in the 16<sup>th</sup> Lok Sabha?  
A) Sushma Swaraj B) Najma A Heptulla ✓  
C) Harsimrat Kaur Badal D) Smriti Irani
35. The first Grama Panchayat in India to receive a National Award for Public Administration:  
A) Eraviperoor Grama Panchayat ✓  
B) Karakulam Grama Panchayat  
C) Vellanadu Grama Panchayat  
D) Edavanna Grama Panchayat
36. Who is the President of New Zealand?  
A) John Key B) Kevin Rudd  
C) Tony Abbott D) None of these ✓
37. Beauty, according to Plato is an  
A) Extrinsic Value B) Intrinsic Value ✓  
C) Ultimate Value D) Instrumental Value
38. Which of the following is the role of education with reference to culture?  
A) Promotion B) Preservation  
C) Modernization D) Both A&B ✓

39. "The end of all knowledge must be the building up of character." These are the words of  
A) Mahatma Gandhi ✓ B) Rousseau  
C) Swami Vivekananda D) Dr. Zakir Hussain
40. The colourful mask dance of Kerala is  
A) Margam Kali B) Kannyar Kali  
C) Kummattikali ✓ D) Oppana
41. Which State has the highest life expectancy at birth according to the Human Development Report published in 2011?  
A) Andhra Pradesh B) Punjab  
C) Maharashtra D) Kerala ✓
42. Change of values in a society results from  
A) Non-material culture changes B) Material culture changes ✓  
C) Both A and B D) Neither A nor B
43. A special form of communication that indicates how verbal information should be interpreted is called  
A) Paralanguage B) Nonverbal communication  
C) Paracommunication D) Metacommunication ✓
44. Art, signs, photography, typography and drawings are forms of  
A) Verbal communication B) Non-verbal communication  
C) Visual communication ✓ D) Written communication
45. Making a small budget business successful does not entail  
A) Using resources at hand B) Single ownership  
C) Leasing commercial space ✓ D) Purchasing from wholesalers
46. Which of the following is not a barrier to effective communication?  
A) Language filtering B) Selective perception  
C) Defensiveness D) Channel richness ✓
47. Organization structure primarily refers to  
A) How activities are coordinated and controlled ✓  
B) How resources are allocated  
C) The location of the department and office space  
D) The policy statements developed by an institution
48. Early stage in the life cycle of an enterprise where the entrepreneur moves from the idea stage to seeking financing, laying down the basic structure of the business and initiating operations or trading  
A) Incubation B) Incorporation  
C) Startup ✓ D) Registration in Stock Market

49. Which of the following are advantages of using ICT in education?  
i. Enables students to learn anywhere and anytime  
ii. Less expensive than traditional education  
iii. Provides educational activities in large geographical areas  
iv. Promotes self-study by students  
A) i, ii, iii and iv                      B) i and iii only  
C) ii, iii and iv only                      D) i, iii and iv only ✓
50. The actual physical network of wires, cables and satellite that connects computers and resources throughout the world is the -----  
A) Web                                      B) Internet ✓  
C) e-commerce                              D) Social media
51. A temporary storage area in a computer's memory is called:  
A) ROM                                      B) Cache  
C) Clipboard ✓                              D) RAM
52. ----- is a popular technology that allows an electronic device to exchange data using radio waves.  
A) Intranet                                      B) LAN  
C) Wi-Fi ✓                                      D) Internet
53. The rules for exchanging data between computers are called as  
A) Programmes                                      B) Procedures  
C) Protocols ✓                                      D) Hyperlinks
54. The extensions .gov, .edu, .nic, and .net are called as  
A) Mail addresses                                      B) DNSs  
C) Domain codes ✓                                      D) Email targets
55. A set of parallel wires connecting the CPU of a computer to all other input and output devices:  
A) Bus ✓                                      B) Mother Board  
C) BIOS                                      D) Chips
56. A social networking service offered by Google Inc.  
A) Facebook                                      B) Google+ ✓  
C) Twitter                                      D) Instagram
57. Which of the following is not a hardware?  
A) Printer                                      B) Network card  
C) Internet browser ✓                                      D) Monitor
58. Which of the following is not an operating system?  
A) Open office.org ✓                                      B) Linux  
C) DOS                                      D) Windows XP

59. What is the function of Firewall?  
A) Organizes the software installed in your computer  
B) Does complex calculations  
C) Edits complex documents  
D) Monitors and controls incoming and outgoing data traffic ✓
60. What do we call programs with free trial period or reduced functionality, before payment?  
A) Shareware  
B) Licensed Software ✓  
C) Freeware  
D) Operating system
61. Which of the following is a teacher related factor promoting learning?  
A) Mastery of the Subject matter ✓  
B) Provision of infrastructure  
C) Availability of teaching learning resources  
D) Nature of the curriculum
62. According to Vygotsky, which among the following factors influences learning significantly?  
A) Heredity      B) Moral      C) Physical      D) Social ✓
63. The term socialization in educational context means that the children are to  
A) Develop their social norms  
B) Respect authority and elders  
C) Adapt and adjust to social environment ✓  
D) Always follow social norms
64. Which of these is an effective study skill?  
A) Managing time ✓  
B) Ensuring proper lighting and ventilation  
C) Making a 'To-do List'  
D) Arranging a comfortable seat
65. Which of the following qualities are desirable in a teacher?  
i. Positive attitude      ii. Exemplary personality  
iii. Presentable appearance  
A) i and ii only      B) ii and iii only  
C) i and iii only      D) i, ii and iii ✓
66. Grouping ideas or details that are stored and recalled together as a unit is an example of ----  
A) Inferencing      B) Compilation  
C) Expertise      D) Chunking ✓
67. What are the indicators of professionalism in a Teacher?  
A) Commitment, English language proficiency, time management  
B) Subject competence, commitment, English language proficiency  
C) Subject competence, English language proficiency, time management  
D) Subject competence, commitment, time management ✓

68. To grow and develop professionally, a Teacher has to  
A) Comply with school and state regulations  
B) Provide service to the school  
C) Maintain relationship with colleagues  
D) Enhance content knowledge and pedagogic skills ✓
69. Which of the following kinds of instruction is frequently cited as the opposite to discovery learning?  
A) Simulation games  
B) Expository teaching ✓  
C) Mastery learning  
D) Schema learning
70. Which of the following is the apex institution in the area of teacher education, planning and administration?  
A) NCERT  
B) NCTE  
C) NUEPA ✓  
D) SIET
71. The issue of academic burden on students was examined by  
A) Adishesiah Committee  
B) Iswar Bhai Patel Committee  
C) Mathur Committee  
D) Yashpal Committee ✓
72. Management of knowledge does not involve  
A) Creating a knowledge base  
B) Assessing the situation ✓  
C) Determining a purpose  
D) Disseminating the information
73. A school functions best when  
A) The Head Teacher has control of all the operations  
B) The duties and responsibilities are apportioned among the staff  
C) Neither A nor B  
D) Both A and B ✓
74. Which of the following is incorrectly matched?  
A) Piaget-Cognitive Development  
B) Kohlberg- Moral Development  
C) Skinner-Classical Conditioning ✓  
D) Thorndike- Trial and Error
75. Biggest advantage of student teacher interactions is that it  
A) Encourages students to ask more questions  
B) Provides for teacher satisfaction  
C) Facilitates effective learning ✓  
D) Improves group dynamics
76. The story that serves best as an example for Cognitive Dissonance Theory of Learning  
A) The Thirsty Crow  
B) The story of King Midas  
C) The Fox and the Grapes ✓  
D) The Hare and the Tortoise



77. If majority of students in a class misbehaves, it means that  
A) There are distractions in the class  
B) There are too many rules to be followed  
C) Lack of code of conduct  
D) General indiscipline among students ✓
78. Young adolescents rebel to express their  
A) Disapproval of discipline by elders  
B) Lack of opportunity for creativity  
C) Desire for freedom ✓  
D) Parental inadequacies
79. The instructional strategy through which students advance to a new learning concept after they have learned its prerequisite concept is called  
A) Individual learning                      B) Constructive learning  
C) Cooperative learning                      D) Mastery learning ✓
80. The psychologist whose research findings expressed the view that like Intellectual development, value development also takes place in stages and follows a regular sequence  
A) Albert Bandura                              B) Lawrence Kohlberg  
C) Erikson    D) Jean Piaget ✓
81. Learning that results from the consequence of behaviors is called  
A) Extinguished conditioning              B) Operant conditioning ✓  
C) Classical conditioning                      D) Positive conditioning
82. A student in your class steals money. This habit can be removed if  
A) He is frightened by harsh punishment  
B) The cause or causes of his stealing habit is discovered ✓  
C) He is warned about informing the police  
D) He is completely ignored
83. Which of the following situations will cause maximum difficulty for a child in the initial stages of teaching reading?  
A) Confusion of left and right directionality ✓  
B) Having an IQ of 90  
C) Never having attended Nursery school  
D) Having older siblings who can read
84. Multiple intelligences are evidenced in  
A) Interests    B) Individual differences ✓  
C) Socio-economic status                      D) Exposure
85. Who among the following wrote that 'human mind at birth is a Tabula Rasa'?  
A) John Locke ✓                                      B) John Dewey  
C) Plato    D) Spencer

86. Which of the following deals with Philosophical questions put by Nachiketa and answers given by Yama?  
A) Isha Upanishad B) Kenopanishad  
C) Kathopanishad ✓ D) Mundakopanishad
87. Information or knowledge is stored and encoded in the memory in three modes. Whose theory is this?  
A) Jerome Bruner ✓ B) Albert Bandura  
C) Noam Chomsky D) Susan Carey
88. Match the following lists
- | <u>List-I</u>   | <u>List-2</u>    |
|-----------------|------------------|
| I. Gandhi       | 1. Shantiniketan |
| II. Tagore      | 2. Integral Yoga |
| III. Aurobindo  | 3. Gurukul       |
| IV. Vivekananda | 4. Man Making    |
|                 | 5. Wardha Scheme |
- A) I-5, II-1, III-2, IV-4 ✓ B) I-5, II-1, III-4, IV-2  
C) I-3, II-4, III-2, IV-5 D) I-1, II-2, III-4, IV-5
89. "Education doesn't bring about social change; rather the social change results into an educational change." This view of Education was of  
A) John Dewey B) Durkheim  
C) Kant ✓ D) Russell
90. When was the Central University of Kerala (CUK) established?  
A) 2015 B) 2013  
C) 2009 ✓ D) 2004
91. Which of the following teaching models involves the process of defining the concept by determining the attributes that are absolutely essential to the meaning and disregarding those that are not?  
A) ✓ Concept Attainment Models B) Concept Development Model  
C) Social Inquiry Model D) Cooperative Learning
92. Which of the following teaching models involves group interdependence and working for shared goals?  
A) Concept Attainment Model B) Concept Development Model  
C) Social Inquiry Model D) Cooperative Learning ✓
93. Which of the following means 'being able to look at our own professional behavior and practice with the intention of improving and developing'?  
A) ✓ Reflective practice B) Mentoring  
C) Professional development D) Team teaching
94. Which of the following will be most effective for teaching-learning, according to Dale?  
A) Movies B) Still pictures  
C) ✓ Role play D) Demonstration

95. Which of the following is concerned with improvement of teaching skills preferably by self-practice and self-criticism?  
A) Micro teaching ✓ B) Role playing  
C) Practice teaching D) Lesson planning
96. A concurrent evaluation of a programme is an example of  
A) Basic research B) Applied research  
C) Action Research ✓ D) Explorative research
97. Which of the following is NOT one of the functions of review of related literature in Research?  
A) Bring clarity and focus to research area  
B) Improve methodology  
C) Contextualize the findings  
D) Analyze the Data ✓
98. In the Continuous and Comprehensive evaluation, the weightage given to Formative Assessment (FA) in classes VI to VII is  
A) 60% B) 40% ✓ C) 35% D) 65%
99. The type of grading followed by CBSE in scholastic aspects is  
A) Percentage grading B) Absolute grading  
C) Relative grading ✓ D) Mastery grading
100. Which of the following endeavor to bring together all digital resources for school system for all classes, all subjects and all levels?  
A) CIET B) MHRD C) NCERT D) NROER ✓
101. The use of audio-visual aids for instruction does not intend to  
A) Develop instructional plans ✓  
B) Provide sensory experiences  
C) Enhance teaching skills  
D) Improve effectiveness of the teaching process
102. The nodal agency for implementing EDUSAT network for rural schools in Kerala  
A) ViCTERS B) ✓ IT@School C) SCERT D) SIET
103. The famous Quote 'The supreme end of educative process should be to training of character and personality of students in such a way that they will be able to realize their full potentialities and contribute to the well-being of the community' is from which of the following  
A) Education Commission (1964-66)  
B) National Policy of Education (1986)  
C) University Education Commission (1962)  
D) National Commission of Secondary Education (1952-53) ✓

104. Crisis of values occurs when there is  
A) Deterioration of values      B) Contradiction of values ✓  
C) Shift in priority of values      D) Reversal of values
105. Which of the following constitutional value is to ensure that freedom of one does not become tyranny for the other?  
A) Fraternity      B) Equality      C) Liberty      D) Justice ✓
106. When the teacher asks a student, “Do you like your work? What would you do to improve it”, the teacher is  
A) Accepting the mistake  
B) Avoiding impulsive judgment ✓  
C) Giving positive reinforcement  
D) Increasing intrinsic motivation
107. Which among the following are key dimensions that determine success of school value education programme?  
1. Leadership      2. School ethos, policies and practices  
3. Relationships and modeling      4. Teacher and classroom practices  
A) 1 only      B) 1 and 2 only  
C) 1 and 3 only      D) 1,2,3 and 4 ✓
108. A value system ensures  
A) Fulfilment of needs      B) Social sustainability ✓  
C) Lifelong employment      D) Reinforcement of attitudes
109. Independent learners exhibit high  
A) Academic achievement      B) Comprehension  
C) Self-reliance ✓      D) Self-concept
110. Which of the following is the most important factor underlying the success of a beginning teacher?  
A) Scholarship  
B) Communication skills  
C) Personality and ability to relate to the class ✓  
D) Organizational skills
111. Which of the following theories has implication that the teacher has to provide a wide variety of tasks to cater to diverse learning styles of learners?  
A) Piaget’s cognitive development theory  
B) Vygotsky’s socio cultural theory  
C) Kohlberg’s moral development theory  
D) Gardner’s multiple intelligence theory ✓

112. Individual attention is very important in the teaching learning process because
- A) Children like extra attention
  - B) Parents prefer extra attention to their kids
  - C) Teacher can control the class in a better way
  - D) Children develop and learn at different rates ✓
113. If students alleged a teacher for showing favoritism to some students in evaluation the teacher should
- A) Explain the situation to them
  - B) Show the answer scripts to satisfy them ✓
  - C) Ignore such allegations
  - D) Take action against such students
114. Which of the following is true regarding Continuous and comprehensive evaluation?
- A) It encourages cramming
  - B) It does not encourage regular study
  - C) It evaluates students' performance in scholastic and co scholastic aspects ✓
  - D) It does not require regular attendance
115. Which of the following is not appropriate for a good teacher?
- A) Genuine interest in the subject
  - B) Rapport with students
  - C) Enthusiastic in teaching
  - D) Resistance to change and adapting to new situations ✓
116. There are many conflicts and misconceptions in the field of education due to the fact that
- A) Problems in education have inherent Subjectivity
  - B) Problems encountered in education are not amenable to rigorous scientific investigation ✓
  - C) There are many teaching methods and procedures
  - D) Teachers have very wide range of skills
117. All of the following are good practices regarding use of audio-visual programmes in classrooms except
- A) Using Globes and maps while teaching Geography
  - B) Teacher previewing all filmstrips to be used in the class
  - C) Teacher developing a weekly list of recommended television programmes for home viewing
  - D) Allowing students to decide the films to be viewed in class ✓
118. Which of the following signals a serious lack of professionalism among teachers?
- A) Self-Appraisal
  - B) Little or no control on the quality of instruction ✓
  - C) Understanding the nature and outcome of instruction
  - D) Ability to manipulate instruction according to student needs

119. For efficient learning, the learning task should be
- A) Rewarding
  - B) Interesting
  - C) Adjusted to learners' level of maturity ✓
  - D) Adjusted to learners' level of concentration
120. The most appropriate meaning of learning is
- A) Inculcation of Knowledge
  - B) Modification of Behaviour ✓
  - C) Personal Adjustment
  - D) Acquisition of Skills

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