

1. The sun in the early morning appears to be red. This is due to  
A) Total refraction                      B) Internal dispersion  
C) Scattering of light                  D) Total reflection
2. The side view mirror in a car is a  
A) Concave mirror                      B) Convex mirror  
C) Plain mirror                          D) Convex lens
3. Which of the following is not a chemical change?  
A) Souring of milk  
B) Charring of sugar  
C) Sublimation of iodine crystals  
D) Rusting of iron
4. Evaporation of water from plants is known as:  
A) Dehydration                      B) Sublimation  
C) Transpiration                      D) Vaporisation
5. The acid present in lemon  
A) Linoleic acid                      B) Hydrochloric acid  
C) Citric acid                          D) Sulphuric acid
6. Build up of lactic acid in muscles causes  
A) Fever                                  B) Swelling  
C) Fainting                              D) Cramps
7. The purchase cost of 10 mobile phones is equal to the selling price of 8 mobile phones. The gain percentage is  
A) 10%                      B) 25%                      C) 20%                      D) 15%
8. In how many years will a sum of money double itself at 5% simple interest per annum?  
A) 30 yrs.                      B) 20 yrs.                      C) 15 yrs.                      D) 10 yrs.
9. The sum of seven numbers is 265. The average of the first three numbers is 33 and the average of the last three is 42. The fourth number is  
A) 36                      B) 38                      C) 39                      D) 40
10. Deepa ranks seventeenth in a class of thirty one. What is her rank from the last?  
A) 15                      B) 14                      C) 13                      D) 16
11. Euro III norms relates to  
A) Mobile phones                      B) Standard of living  
C) Electrical appliances              D) Automobiles

12. The UN Summit on Climate Change 2009 was held in  
 A) Rio de Janeiro                      B) Denmark  
 C) Copenhagen                          D) New York
13. The slogan 'Jai Hind' was coined by:  
 A) Gopalakrishna Gokhale              B) Subhash Chandra Bose  
 C) Jawaharlal Nehru                      D) Vallabhai Patel
14. When was the First Five Year Plan started?  
 A) 1<sup>st</sup> November 1950                      B) 2<sup>nd</sup> October 1950  
 C) 26<sup>th</sup> January 1950                      D) 1<sup>st</sup> April 1951
15. Mahatma Gandhi propagated an educational system in India integrating hand, head and heart of a student. What was the name of the educational system?  
 A) Tolstoy Farm                              B) Nai Talim  
 C) Swaraj                                      D) Sarvodaya
16. The main focus for development of the Eleventh Five Year Plan of India  
 A) Agriculture                              B) Strengthening the education sector  
 C) Empowerment of women              D) Protection of the environment
17. 'Democratic Decentralisation of Powers' is the key principle in:  
 A) Panchayathi Raj  
 B) Co-operative Farming  
 C) Community Development Projects  
 D) Kudumbasree Project
18. The inner core of the Earth is  
 A) A mixture of solids and liquid  
 B) Liquid  
 C) Gaseous  
 D) Solid
19. Of the four Vedas which is associated with music?  
 A) Rig Veda                                      B) Yajur Veda  
 C) Sama Veda                                  D) Atharva Veda
20. Which of the following is a folk dance?  
 A) Kuchipudi                                  B) Bhangra  
 C) Kathak                                      D) Krishnanattom
21. "Where women are worshiped the Gods shower their blessings, but where they are not honored, all acts are fruitless". These verses are found in  
 A) Bhagavat Gita                              B) Jayasamhita  
 C) Kenopanishad                              D) Manusmriti
22. The place in India where Sanskrit is the vernacular  
 A) Uttarkashi in Uttaranchal              B) Rampur in Utter Pradesh  
 C) Mathoor in Karnataka                  D) Kashi in Benares

23. Which of the following is not a novel of Dostoevsky?  
 A) Crime and Punishment      B) Anna Karenina  
 C) The Brothers Karamazov      D) The Idiot
24. Which is the Kerala's own famous classical temple dance-drama?  
 A) Chakkia Kooth      B) Bharathanatyam  
 C) Kuchipudi      D) Kathakali
25. The new invention 'Bloom Box' is a device for  
 A) Treatment of cancer patients      B) Controlling pollution  
 C) Producing electricity      D) Increasing crop production
26. The inventor of PC who passed away in April 2010?  
 A) Louis Edward      B) Karl Rogers  
 C) Edward Roberts      D) Karl Benson
27. Sandra Bullock won the Oscar Award 2010 for Best Actress for her performance in which of the following films?  
 A) Julie and Julia      B) The Hurt Locker  
 C) Crazy Heart      D) The Blind Side
28. The Nobel Peace Prize 2009 was awarded to  
 A) Barack Obama      B) Muhammed Yunus  
 C) ElBaradei      D) Ban Ki -moon
29. Tiger Woods is associated with  
 A) Wrestling      B) Golf  
 C) Football      D) Billiards
30. The 2006 Physics Nobel Laureate who has attended the 97<sup>th</sup> Indian Science Congress held at Thiruvananthapuram is  
 A) Dr.James Webb      B) Dr.John C Mather  
 C) Dr.Lars Prahm      D) Dr.Thomas Robert Cech
31. The name of the film which has got 'Suvarna Chakoram' at IFFK 2009 along with the film 'Jermal'  
 A) My Secret Sky      B) Revisited  
 C) About Elly      D) From a Whisper
32. Chairman of the Law Commission of India  
 A) Justice Jagannathan      B) Justice A.R.Lakshmanan  
 C) Justice P.V.Reddy      D) Justice Anand
33. Who emerged as the fastest male athlete of the 53<sup>rd</sup> State School Games?  
 A) Johnson      B) Ravi Bhaskar  
 C) Prabha      D) Sujit Kuttan
34. The Chief Justice of Kerala High Court is  
 A) Justice K.G.Balakrishnan      B) Justice J.Chelameswar  
 C) Justice C.N.Radhakrishnan      D) Justice V.Giri

35. Union Minister for Human Resources Development  
 A) Anand Sharma B) Kapil Sibal  
 C) Kamal Nath D) Gulam Nabi Azad
36. Which of the following Ministers is in charge of the Information Technology Department in Kerala?  
 A) Thomas Issac B) M.A.Baby  
 C) V.S.Achuthanandan D) A.K.Balan
37. The words 'Sathyameva Jayathe' in the National Emblem of India is taken from  
 A) Kenopanishad B) Mundakopanishad  
 C) Ramayana D) Bhagavat Gita
38. The Maharaja of Travancore who issued the Temple Entry Proclamation?  
 A) Sree Moolam Thirunal B) Sree Chithira Thirunal  
 C) Swathi Thirunal D) Sree Visakom Thirunal
39. Which of the following is not an obstacle to cultural change?  
 A) Vested interests B) Cultural lag  
 C) The degree of isolation D) Cultural inertia
40. Mamankam was celebrated for ----- days at Thirunavaya once in every 12 years  
 A) 11 B) 12 C) 14 D) 28
41. A Polyandrous system means  
 A) A man and a woman marry only once in their life  
 B) A man and a woman live together as husband and wife without being married as per law  
 C) A woman has more than one husband at a time  
 D) A man has more than one wife at a time
42. Secularism means  
 A) Keeping away from all religions  
 B) Recognizing all religions  
 C) Not allowing to change the religion  
 D) Freedom of religion and worship to all
43. The primary function of management is  
 A) Training B) Research C) Planning D) Banking
44. Choose the correct order of skills required for an effective manager  
 A) Communication skill, Technical skill, Time management skill  
 B) Technical skill, Communication skill, Time management skill  
 C) Time management skill, Technical skill, Communication skill  
 D) Communication skill, Time management skill, Technical skill
45. DEMAT trading relates to  
 A) Trading in foreign exchange B) Trading of shares  
 C) Import of goods D) Export of goods

46. Real Interest Rate means  
 A) The interest rate fixed by the Commercial banks  
 B) The interest rate fixed by the RBI  
 C) Current interest rate less the rate of inflation  
 D) The actual rate of interest at the date of a transaction
47. Source, -----, Receiver, Feedback are the important elements in a communication. Find out the missing element  
 A) Medium      B) Instrument      C) Message      D) Sender
48. Intrapersonal communication means  
 A) Communication within a person  
 B) Communication between two persons  
 C) Communication of personal ideas  
 D) Communication above personal level
49. The Institution set up by the Government of India to provide computer based information services to government departments  
 A) C-DIT      B) CDAC      C) NIC      D) DOEACC
50. Information Communication Technology (ICT) involves primarily  
 A) Enrichment of existing knowledge  
 B) Installation of equipments  
 C) Storage and communication of information  
 D) Use of technology for teaching
51. For use of ICT, teachers should be familiar with  
 A) Programming      B) Browsing  
 C) Planning      D) Handling of audio-visual aids
52. Cloud computing means  
 A) Computing using the satellite  
 B) Computing using cloud chamber technology  
 C) Computing which results in errors  
 D) Shifting computing power from offline PCs and Laptops onto the Web
53. URL is a term associated with  
 A) Computer hardware      B) Internet  
 C) Laser printer      D) Fax
54. 1 GB is equal to  
 A) 10000 KB      B) 1073741824 KB  
 C) 1048576 KB      D) 100000 KB
55. Computer virus is  
 A) A micro organism  
 B) A useful computer component  
 C) Electro magnetic waves entering the computer from internet  
 D) A programme



64. Which of the following is least concerned with describing the change in the role of teachers from transmitters of knowledge to transformers of knowledge and information
- A) Proper coordination between theory and practice
  - B) In-service programmes should be improved
  - C) No need to insist a code of ethics for teachers
  - D) Trained to teach disadvantaged groups
65. Participation of students in planning educational activities in classrooms would
- A) Limit teacher's role
  - B) Put classroom action on a democratic basis
  - C) Make planning and execution a failure
  - D) Relieve the teacher of meticulous planning
66. The basic cause of teacher's failure to maintain classroom discipline is the lack of
- A) Competence in teaching methods
  - B) A constructive programme of learning
  - C) Knowledge of the subject
  - D) Consistency in his approach to discipline
67. A student in a coeducation class misbehaved to a girl student. The classroom teacher should
- A) Send the boy out of the class and ask to bring his guardian
  - B) Arrange meetings of the staff-council to decide the intensity of punishment to be given to him
  - C) Ignore the misconduct
  - D) Find out the cause of misconduct and provide corrective measures for non - occurrence
68. If a student in the class is found to be disinterested it is better to
- A) Ignore him and proceed with the class
  - B) Scold him for not showing interest
  - C) Complain to the authority and parents
  - D) Talk to him to find the reasons and correct him
69. Teacher effectiveness depends on
- A) Subject mastery and teaching skills
  - B) Qualification and preparation of teacher
  - C) Classroom management and student evaluation
  - D) Student assignment and grading
70. The commission which has advocated for an Independent Regulatory Authority for Higher Education (IRAHE) is
- A) Administrative Reforms Commission
  - B) National Policy on Education
  - C) National Knowledge Commission
  - D) University Grants Commission

71. “The destiny of India is being shaped in her classrooms”. This opening sentence is in the report of
- A) Radhakrishnan Commission
  - B) Mudaliar Commission
  - C) Kothari Commission
  - D) National Knowledge Commission
72. The most important quality of a teacher which the students like most is
- A) Know the names of all students
  - B) Let the students to make all the decisions
  - C) The knowledge that the teacher is really ‘humane’
  - D) Impartial enforcement of all regulations
73. A teacher is appointed as additional supervisor for conducting a final board examination in a school where the daughter of the teacher is admitted to write the examination. The teacher should
- A) Relinquish the appointment
  - B) Do the duties of an additional supervisor in conducting the examination
  - C) Not bring to the notice of the higher officials that the daughter of the teacher is a candidate
  - D) Avoid visiting the classroom of his daughter writing the examination
74. Suppose you are a teacher in a Higher Secondary School. Which activity would you prefer to undertake to implement the goal ‘Education for all’?
- A) Becoming a member of the discipline committee of the school
  - B) Helping the Principal to execute day-to-day activities smoothly
  - C) Carrying out extra curricular activities
  - D) Organising a community survey study
75. A teacher is satisfied in her profession when she has
- A) Good financial remuneration
  - B) Great appreciation from the society
  - C) Opportunity for social service
  - D) Achieved expected progress of her students
76. The function of a teacher in a democratic school system is:
- A) Filling the minds of students with knowledge
  - B) Help students become more capable of making intelligent decisions
  - C) Organising and planning experiences for the class
  - D) Fostering the personal growth of students
77. If a student comes to your home to share his problems, you would
- A) Warn him, never to visit your home again
  - B) Suggest him to discuss with his family members
  - C) Inform other teachers and the student’s parents
  - D) Extend reasonable help, boost his morale and counsel



78. The chief responsibility of the Headmaster/Principal of a school is
- To provide friendly, constructive and cooperative help to teachers
  - To observe the classes of the teachers to evaluate them
  - To direct the teachers to maintain academic discipline in the school
  - Administration of the school
79. The chief purpose of Parent Teacher Association meeting in a school is
- To finalise the way in which the finances allotted to the school can be best utilized
  - To exchange worthwhile ideas for the development of the institution
  - To criticize the methods adopted by teachers in the teaching-learning process
  - To prepare the budget for the whole school system
80. Suppose you are a teacher and come across a colleague of yours who is violating the professional ethics for teachers. Then you will
- Convince and persuade the colleague to follow the ethics
  - Inform the higher authorities
  - Criticize the colleague in front of other teachers
  - Ignore his behaviour
81. Being a well-known educationist you have been appointed as an examiner for paper valuation of a test conducted by Public Service Commission for the selection of an administrative officer. In your opinion, you should
- Reveal to some agents that you are the examiner of the test
  - Do the work confidentially with full responsibility
  - Give more marks to those cases who have approached you
  - Ask some of your research students to evaluate the papers
82. The teacher gave home work to Sujit. He did not do it as he spent his time playing cricket. In the next class, being afraid of punishment, he told the teacher that he was nursing his sick grand-father. As a teacher you should
- Neglect as it is quite common for children to do so
  - Give punishment since the excuse given by him was incorrect
  - Ask Sujit to bring his guardian to school to ascertain the truth
  - Advice Sujit that instead of telling lie he should have asked the teacher extra time to complete the homework
83. Elementary education should be
- |                        |                     |
|------------------------|---------------------|
| A) Curriculum-centered | B) Teacher-centered |
| C) Learner-centered    | D) Subject-centered |
84. Read the following incomplete sentence and select the most appropriate alternative to complete it: I decided to become a teacher, because
- Teachers are getting good monthly salary
  - It gives me an opportunity to inculcate good values among children
  - It enables me to work under pleasant conditions
  - It makes me a figure of authority

85. Success of inclusive education mainly depends on  
 A) Establishment of child friendly schools  
 B) Extensive use of ICT in schools  
 C) Attitudinal change among parents and teachers  
 D) Support of the community
86. The primary purpose of using audio-visual aids in classrooms is:  
 A) To solve staff shortage by reducing the need for teachers  
 B) To make class quiet  
 C) To help student participation in the teaching-learning process  
 D) To clarify certain aspects of the learning experience
87. The aim in education according to classical realists is  
 A) Salvation of the soul  
 B) Adjustment to nature  
 C) Preparation for one's vocational pursuits  
 D) Development of the intellectual virtues
88. The teachings of Aristotle put the philosophical foundation for  
 A) Experimentalism                      B) Naturalism  
 C) Classical realism                      D) Reconstructionism
89. Art education in school curriculum comes under  
 A) Scholastic ability                      B) Co-scholastic ability  
 C) Psycho-social ability                      D) Cognitive ability
90. Learning disability in writing a language  
 A) Dyscalculia                      B) Dysgraphia  
 C) Dyslexia                      D) Dysnomia
91. The primary aim of school education as an agent of society is  
 A) To prepare the child for life  
 B) To develop cognitive skills in the child  
 C) To develop vocational competency  
 D) To give moral education
92. The development of spiritual, individual, social, intellectual and physical qualities of man was the aim of education during  
 A) Dravidian period                      B) Vedic period  
 C) Post-Vedic period                      D) Buddhist period
93. The 21st century is likely to be governed by two C s namely,  
 A) Children and Curriculum                      B) Cybernetics and Computers  
 C) Children and Computers                      D) Computers and Curriculum
94. The first English Medium School - Raja's Free School was started in 1834 at Trivandrum by the initiative of  
 A) Raja Ravi Varma                      B) Swathi Thirunal  
 C) Sree Chithira Thirunal                      D) Rani Gouri Bhai

95. A model in which students compare and contrast exemplars that contain certain attributes with examples that do not contain those attributes is
- Inquiry model
  - Cooperative Learning model
  - Concept attainment model
  - Inductive model
96. Which one of the following is not a characteristic of Cooperative Learning Model
- Requires group cooperation and interaction
  - Use micro groups
  - Destroys individual initiative
  - Focuses on task to be accomplished
97. The reflective practices can be accomplished through a well defined set of
- Content mastery
  - Student centered activity
  - Readiness levels
  - Field experiences
98. Skill which involves using various attention producing behaviour patterns in order to sustain the interest and attention of the students is
- Set induction
  - Stimulus variation
  - Probing questions
  - Explanation
99. Meera is a tenth class student with an above average IQ. But her achievements in school subjects are found to be low. As a teacher you will
- Ask Meera to study the subject with the help of high achieving peers
  - Help Meera by providing more home assignments
  - Identify the reasons resulting for low achievement and provide alternative strategies for Meera
  - Provide time to Meera to discuss her difficulties
100. A researcher is interested to study the examination result after treating students with a particular teaching style. In this case the teaching style is
- The dependent variable
  - The independent variable
  - The control variable
  - The extraneous variable
101. A researcher classifies the secondary school students in the State into boys and girls, those studying in urban and rural schools, from among government and private institutions in various revenue districts. He uses random digit table to select some of them from each group. This sampling technique is called
- Systematic sampling
  - Cluster sampling
  - Stratified random sampling
  - Quota sampling
102. Which one of the following is not applicable to Action Research?
- Focuses on immediate application
  - Design is simpler and flexible
  - Findings are evaluated in terms of local applicability
  - Evolve the development of a theory

103. Soma, a standard X student is always late in the class. The class teacher decided to do a research to find out the reason. This type research is called
- A) Behavioural research                      B) Theoretical research  
C) Applied research                            D) Action research
104. A teacher systematically conducts weekly class tests, assigns grades on co-curricular activities of students, asks questions to all students at the end of each class and their relative positions are recorded, grade point average of each student is calculated. This evaluation is
- A) Summative evaluation  
B) Cumulative evaluation  
C) Continuous and comprehensive evaluation  
D) Norm referenced evaluation
105. Which one of the following is not a positive feature of 'grading' system?
- A) Negative effect of pass and fail is eliminated  
B) Indicate relative position of an individual student  
C) Undue significance attached to raw scores are considerably increased  
D) Test difficulty would not affect distribution of grades
106. Project method is based on the philosophy of
- A) Progressivism                                B) Idealism  
C) Pragmatism                                  D) Existentialism
107. Daniel Goleman popularized
- A) Verbal Intelligence                        B) Spatial Intelligence  
C) Social Intelligence                        D) Emotional Intelligence
108. In a constructivist classroom, the teacher is
- A) Authority of classroom                    B) Transmitter of knowledge  
C) Director of learning process            D) Facilitator of learning
109. Scaffolding can promote learning according to
- A) Cognitivism                                 B) Behaviourism  
C) Humanism                                  D) Constructivism
110. The relationship between learning processes and memory processes is
- A) Dependent                                  B) Interdependent  
C) Independent                                D) Intra-dependent
111. The differences among the various abilities of a student is known as
- A) Trait variability                            B) Individual differences  
C) Differential aptitude                      D) Inter-individual differences
112. The problems created by students due to individual differences could be solved by providing
- A) Better teaching focused at the average students in the class  
B) Specific ability grouping with appropriate adoption of curriculum  
C) Teaching aimed at the level of ability of each child  
D) Group method of instruction super imposed on general ability grouping

113. Problem-solving learning occurs at  
A) Memory level                      B) Understanding level  
C) Reflective level                      D) Knowledge level
114. The programmed instruction is based on  
A) Classical conditioning              B) Gestalt learning  
C) Operant conditioning              D) Cognitive learning
115. Minu has an IQ 103; Sajitha has an IQ 97. From this it can be inferred that  
A) Minu is more likely to achieve high in school  
B) Minu's true IQ is greater than that of Sajitha  
C) Chances are 50-50 that Sajitha is brighter of the two girls  
D) Both function at approximately the same intellectual level
116. Which of the following is a duty not generally expected from school counselors?  
A) Coordinate the guidance programme  
B) Do some classroom teaching  
C) Development of school curriculum  
D) Take charge of placement-cell activities
117. One of the most important objectives of guidance to students is to bring about in them  
A) Ability to compete successfully with peers  
B) Mastery of the subject within their capacity  
C) An awareness of their major weakness  
D) Increased responsibility for self direction
118. When counseling a student, the first thing the counselor should do is  
A) Cross examine the student to analyse his problems  
B) Establish rapport with the student  
C) Listen to the student's narration of his problems  
D) Check the students discipline records
119. Which one is not true for adolescents?  
A) Adolescents engage in a larger and more complex range of activities  
B) Adolescents break away from parental control and some maintains double standards  
C) Adolescents are anxious to find out what role they have to play in the group  
D) Adolescents show mental growth at the same positive acceleration as found in physical traits.
120. Which one of the following would best illustrate a good leader?  
A) He stands up for his views when he feels he is right  
B) He encourages group discussion and group freedom in decision making  
C) He tries to give the group full benefit of his personal experience  
D) He takes policy decisions by himself
- .....