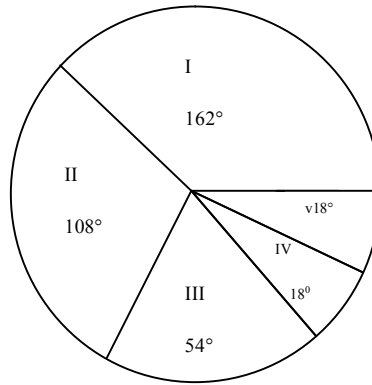


1. The remote controls in TVs operate using
 - A) Radio waves
 - B) Ultrasound waves
 - C) Infrared light
 - D) U V light
2. Beautiful bands of colour appear on oil films atop puddles on a rainy day because of?
 - A) Dispersion
 - B) Interference
 - C) Diffraction
 - D) Reflection
3. The luster of a metal is due to
 - A) Its high density
 - B) Its high polishing
 - C) Its chemical inertness
 - D) Presence of free electrons
4. The APGAR test is administered to:
 - A) Pre-school children
 - B) Newborns
 - C) Mentally retarded children
 - D) Primary school children
5. Identify the scientist, the only person to have been awarded the Nobel Prize in Chemistry twice, who died in November 2013.
 - A) Linus Pauling
 - B) Martin Karplus
 - C) Frederick Sanger
 - D) Peter Agre
6. To convert ammonia into urea, the liver cells require,
 - A) Water
 - B) Sulphur
 - C) Carbon dioxide
 - D) Oxygen
7. Bacterial decomposition of biological material under aerobic condition is
 - A) Fermentation
 - B) Fertilization
 - C) Contamination
 - D) Composting
8. The realm of the earth made up of solid rock and soil is called
 - A) Atmosphere
 - B) Lithosphere
 - C) Hydrosphere
 - D) Stratosphere
9. The population of a town is 1,44,000. It increases by 5% during the 1st year. During the 2nd year, it decreases by 10% and increases by 15% during the 3rd year. What is the population after 3 years?
 - A) 1,56,492
 - B) 1,65,249
 - C) 1,45,925
 - D) 1,54,925
10. Rema is twice as old as Suma. Three years ago, she was three times as old as Suma. How old is Rema now?
 - A) 6 years
 - B) 7 years
 - C) 8 years
 - D) 12 years

11. If A stands for +, B stands for −, C stands for ×, D stands for ÷ then,
 $14C10A42D2B8 = ?$
 A) 153 B) 216 C) 248 D) 83
12. The total adults in a city is 60000. The various sections of them are indicated below in the circle diagram.



- I- employees in the public sector
 II- employees in the private sector
 III- employees in the corporate sector
 IV- Self employed
 V- Unemployed

What percentage of the employed persons is self- employed?

- A) $5\frac{5}{19}$ B) $19\frac{1}{5}$
 C) $5\frac{1}{19}$ D) None of these
13. In ancient India, which one of the following universities was established first?
 A) Vikramsila B) Nalanda
 C) Takshashila D) SomapuraMahavihara
14. Right to Education has been included in the Indian Constitution as a Fundamental Right vide the 86th Amendment of the Constitution. Which Article in the Constitution of India declares ‘Right to Education’ as Fundamental Right?
 A) Article 19-A B) Article 17-A
 C) Article 231-A D) Article 21-A
15. Which Educational Document advocated ‘Downward Filtration Theory of Education’ in India during British Period?
 A) Charter Act B) Wood’s Despatch
 C) Macaulay’s Minutes D) Hunter Report
16. The only active volcano in India?
 A) Etna B) Barren Island
 C) Vesuvius D) Stromboli

17. Who officially declared Kannur as the first zero-landless district in the country?
 A) OommenChandy B) Jairam Ramesh
 C) Sonia Gandhi D) Dr.Manmohan Singh
18. Who coined the famous slogan 'InquilabZindabad'?
 A) HasratMohani B) Bhagat Singh
 C) A.K. Gopalan D) Chandrasekhar Azad
19. What is the importance of the day 12th March 1930?
 A) Non-Co-operation Movement
 B) ChauriChauraIncident
 C) Quit India Movement
 D) Salt Satyagraha
20. Who was selected for the Ezhuthachan Award 2013?
 A) M.K.Sanu B) O.N.V.Kurup
 C) Sarah Joseph D) Padmanabhan
21. 'Thillana' is a format of
 A) Kuchipudi B) Odissi
 C) Bharathanatyam D) Kathak
22. Amjad Ali Khan is a famous player of which musical instrument?
 A) Violin B) Flute C) Tabala D) Sarod
23. The Man Booker Prize 2013 winner, Eleanor Catton, the youngest winner in the Prizes's history, belongs to which country?
 A) U S A B) New Zealand
 C) U K D) Australia
24. The founder of the Nyaya School of philosophy
 A) Kapila B) Gautama
 C) Jaimini D) Kanada
25. According to Indian philosophy, the main goal of existence is,
 A) Darshana B) Karma
 C) Salvation D) Rebirth
26. What does the "Judicial Review" function of the Supreme Court mean?
 A) Review of the judgement of a lower court
 B) Review of the functioning of Judiciary in the country
 C) Examination of the constitutional validity of the laws
 D) Undertaking of periodic review of the Constitution
27. The Jawaharlal Nehru Fellowship 2013 awarded by the Jawaharlal Nehru Memorial Fund on the occasion of the 124th birth anniversary of the former Prime Minister on 14th November 2013, was conferred on:
 A) Prof.Babu Mathew B) Prof.MushirulHasan
 C) Shri.T.N.Ninan D) Prof.(Mrs.)PoonamBatra

28. According to a recent survey conducted by the Department of Non-Resident Keralites' Affairs, with the assistance of the Bureau of Economics and Statistics, the number of Keralites living abroad is:
- A) 24.83 lakh B) 16.25 lakh
C) 12.54 lakh D) 34.82 lakh
29. Which Indian film won the maximum number of National Film Awards in the year 2013?
- A) Dekh Indian Circus B) Paan Singh Tomar
C) Dhag D) Chittagong
30. The Election Commission has decided to introduce a NOTA option in the EVM/ballot paper. What will happen if the number of electors who utilizes the NOTA option in the EVM/ballot papers exceeds the number of votes scored by a candidate who scores the highest number of votes?
- A) The election in that constituency will be declared as null and void and the seat will be kept vacant till the next general election.
B) The candidate with the highest number of votes will be declared as the winner
C) The election will be cancelled and a re-election will be held within a period of 60 days from the date of that election
D) The election will be cancelled and a re-election will be held within a period of 30 days from the date of that election
31. The founder Vice-Chancellor of ThunchathEzhuthachan Malayalam University
- A) RajuNarayanaswamy B) K. Jayakumar
C) M.T. Vasudevan Nair D) A.Jayaprasad
32. ----- will host the 2014 Common Wealth Games
- A) Dhaka B) Mumbai
C) Toronto D) Glasgow
33. The bowler to take Sachin's wicket in his (Sachin's) last Test Match held in Mumbai
- A) Chris Gayle B) NarsinghDeonarine
C) Kieron Pollard D) Fidel Edwards
34. Who among the following from Kerala was first honoured by issuing a Commemorative coin by the government?
- A) Vallathol B) SreeNarayana Guru
C) E.M.S. Namboothirippad D) Saint Alphonsa
35. Prime Minister Manmohan Singh has recently expressed his willingness to be questioned by the CBI in an alleged irregularity in the allocation of coal blocks to a company. Identify the company from the following:
- A) Reliance Industries B) Hindalco
C) Coal India Ltd. D) Birla Power Corporation

36. Which of the following statements about ISRO's Mars Mission is/are correct?
- The spacecraft was launched on 5th November 2013
 - It was launched from Wheeler Island near the coast of Odisha
 - According to the existing programme, the spacecraft will land on Mars after 300 days of the launch
 - This mission is also known as Mars Atmosphere and Volatile Evolution Mission (MAVEN)
- A) i and ii only B) i only
C) i, ii, iii only D) i, ii, iii and iv
37. A nodal agency established by the UGC for providing Education to students across the country through electronic media
- A) GIAS B) DOT C) CEC D) CIET
38. 'Kurukshethra' the place related to the epic *Mahabharatha* is situated in
- A) Haryana B) Bihar
C) Uttar Pradesh D) Uttaranchal
39. 'Cultural lag' is the term used by Ogburn to describe how
- A) Moral changes occur
B) Cultural changes occur
C) Social changes occur
D) One phase of culture may change more rapidly than another phase
40. Superstitious beliefs are generally formed through
- A) Operant conditioning B) Classical conditioning
C) Traditional beliefs D) Natural learning
41. What is the aim of the ASAP (Additional Skill Acquisition Programme) launched by the Kerala government?
- A) A training programme for teachers for improving their teaching skills
B) Imparting soft skills to graduates seeking employment
C) Encouraging extra-curricular activities from primary school level
D) Improving the employability of higher secondary and college graduates in the State
42. The Supreme Court of India on 9th November 2013 stayed the verdict of the Guwahati High Court that the formation of the CBI was unconstitutional. The urgent petition for the stay of the above verdict was filed by:
- A) The Home Ministry
B) The CBI
C) The Department of Personnel and Training
D) The Prime Minister's Office
43. Transmitting a pre-existing set of values to the young generation is known as
- A) Moralization B) Value Analysis
C) Value clarification D) Incidental Approach

44. Even with education, the poor in the villages cannot easily give up their old ways of thinking due to
- High rate of non-material changes
 - High rate of material changes
 - Low rate of material changes
 - Low rate of non-material changes
45. The essence of effective communication is that
- Sender and receiver both attribute the same meaning to a message
 - Sender and receiver both exchange information
 - The receiver gives feedback to the sender
 - None of the above
46. The main reason for failure of communication in the classroom is:
- The students are inattentive
 - The students are not interested in the lesson being taught
 - Instruction is in the mother tongue
 - There is so much noise in and around the classroom
47. One of the main objectives of Rashtriya Uchchatar Shiksha Abhiyan is to
- Improve the professional skills of teachers at Higher Secondary level by organizing intensive training programmes to be sponsored by the central government
 - Standardize the Higher Secondary courses in India on par with international institutions
 - Bring higher education in India in line with and at the frontiers of global trends in higher education and knowledge development
 - Impart training in life skills and thus improve the employability of Higher Secondary students in the job market in India and abroad
48. The 'Report on Currency and Finance' for each of the financial year in India is published by
- | | |
|--------------------------|-------------------------------------|
| A) Reserve Bank of India | B) Ministry of Finance |
| C) Planning Commission | D) Central Statistical Organisation |
49. A computer program that converts assembly language to machine language is
- | | |
|--------------|----------------|
| A) Compiler | B) Interpreter |
| C) Assembler | D) Comparator |
50. What is the difference between 'Google' and 'Google Chrome'?
- Google is a search engine whereas Google Chrome is a web browser
 - Google is a web site whereas Google Chrome is a search engine
 - Google is designed for use in table top computers whereas Google Chrome is designed for mobile devices
 - Google Chrome is an upgraded version of Google

51. ISP stands for?
 A) International Server Protocol
 B) Internal Storage Protocol
 C) Internet Service Provider
 D) Internet Storage Provider
52. You are asked to edit a report prepared using MS Word. Your task is to convert all paragraph headings typed in lower case to upper case. What shortcut key combination would you use to accomplish this task, instead of retyping the headings?
 A) Ctrl + F7
 B) Ctrl + Shift + C
 C) Ctrl + Shift + A
 D) Ctrl + Alt + U
53. Which among the following is an example of computer simulated environment?
 A) Audio visual Aids
 B) Video Conference
 C) Social Networking groups
 D) Virtual Reality
54. Match the following
- | | |
|---|---|
| LIST-I
i. IndraNooyi
ii. ChandaKochhar
iii. Marissa Mayer
iv. UshaAnanthasubramanian
v. Arundhati Bhattacharya | LIST-II
a. BhartiyaMahila Bank
b. Biocon Ltd
c. SBI
d. PepsiCo
e. ICICI Bank
f. Yahoo |
|---|---|
- A) i - e, ii - b, iii - d, iv - c, v - a
 B) i - d, ii - e, iii - f, iv - a, v - c
 C) i - c, ii - e, iii - f, iv - b, v - a
 D) i - d, ii - a, iii - f, iv - b, v - c
55. The ----- file format is a method of encoding pictures on a computer
 A) HTML
 B) URL
 C) JPEG
 D) DOC
56. The second part of a URL specifies the
 A) Protocol
 B) Resource id
 C) Client name
 D) Server name
57. The language used for creating webpages
 A) HyperText Machine Language
 B) HyperText Markup Language
 C) HyperText Makeup Language
 D) HyperText Manage Language
58. One of the main activities of the National Spot Exchange (of India) is:
 A) Providing on the spot buying and selling facilities of shares of foreign companies
 B) Providing an electronic transparent spot trading platform for commodities
 C) Facilitating on the spot exchange of foreign currencies, avoiding the exploitation of middle men in the transactions
 D) Providing the same facilities as in the National Stock Exchange, but in a more transparent manner.

59. Which one of the following is not an operating system?
A) Windows XP B) Microsoft Office
C) DOS D) Linux
60. Which among the following field is used to send an email to a third party?
A) To B) Copy to C) BCC D) Attach
61. Which of the following approaches is not related to cognitive learning?
A) Problem solving B) Learning by doing
C) Project method D) Rote memory
62. Problem investigated in project method is
A) Theoretical and imaginary B) Real and theoretical
C) Real and practical D) All of the above
63. A feeling of discomfort that accompanies fear of failure is
A) Arousal B) Conflict
C) Anxiety D) Catharsis
64. A child in your class always tries to attribute his failure to other children or materials. What kind of defence mechanism does he use?
A) Rationalisation B) Projection
C) Repression D) Compensation
65. Which of the following is true of learning?
A) Learning is relatively permanent
B) Learning involves a change in behavior
C) Learning occurs through experience
D) All the above
66. Forgetting can be explained as:
A) The result of incorrect learning
B) A case of negative transfer
C) A case of mental dissociation
D) The result of all of the above
67. The COTPA prohibits sale of cigarette or any other tobacco product within a radius of ----- of any educational institution.
A) Two hundred metres B) One hundred yards
C) One hundred metres D) One hundred and twenty yards
68. To make teachers accountable, they should be given
A) Freedom in the selection of content and methods of teaching
B) Training in teaching and examining
C) Opportunities for professional growth
D) Transfer to the places where they want to serve

69. A student of your class is being ridiculed by his classmates because he gives foolish answers to all questions. What would you do?
- A) Stop asking questions to him so that such situation can be avoided
 - B) Advice the other students to be sympathetic and not to ridicule him
 - C) Inform his parents and advice them to arrange for providing private tuition
 - D) Frequently ask very simple questions to him
70. The ‘institutional planning’ means that
- A) Every educational institution should be pre-planned for successful output
 - B) All the educational institutions must be contracted by a central plan
 - C) Every educational institution must be planned for its development according to its own need and circumstances
 - D) Plans for running an educational institution must be made state-wise rather than being central
71. A person can enjoy teaching as a profession when he:
- A) Has control over students
 - B) Commands respect from students
 - C) Is more qualified than his colleagues
 - D) Is very close to higher authorities
72. Which type of school administration will help to promote national integration?
- A) Autocratic
 - B) Laissez-faire
 - C) Bureaucratic
 - D) Democratic
73. If a teacher is not able to answer the question of a pupil in the class he should
- A) Say that the question is wrong
 - B) Feel shy of his ignorance
 - C) Say that he will answer after reference and consultation
 - D) Rebuke the pupil
74. If a really creative child is ignored in the classroom, it would result in -----
- A) Submission
 - B) Withdrawal
 - C) Suppression
 - D) Aggression
75. The basic idea of democratic society is
- A) Powerful leadership
 - B) Obedient followers
 - C) Might makes right
 - D) Respect for enlightened individual
76. A child wants respect and recognition in the class in order to satisfy his
- A) Belongingness needs
 - B) Self actualization
 - C) Esteem needs
 - D) None of these
77. Assume that a student is given a list of correlated words to study and is asked to recall the words at a later time. Then according to Guilford’s structure of intellect model, the content of the test is -----
- A) Symbolic
 - B) Iconic
 - C) Figural
 - D) Semantic

89. 'A lamp cannot light another unless it continues to burn in its own flame' are the words of
 A) Rabindranath Tagore B) Mahatma Gandhi
 C) Swami Vivekananda D) Sri AurobindoGhosh
90. Chairman of Revised National Policy of Education Committee was:
 A) Ram Murthi B) ManmohanSingh
 C) Janardhan Reddy D) MuraliManohar Joshi
91. Which of the following works as a powerful barrier against vertical mobility in India?
 A) Caste B) Class C) Occupation D) Job
92. Culture in its proper sense is
 A) Civilized behavior of educated mass
 B) Complex whole of whatever men achieved as a member of the society
 C) Sophistications in life style
 D) Change in the setup of society
93. Who among the following favoured 'the development of senses' as aim of education?
 A) Vivekananda B) Gandhiji
 C) Tagore D) Aurobindo
94. The concrete operational stage is one of the development stages given by
 A) Bruner B) Piaget C) Vygotsky D) Gagne
95. Advanced organizer promotes
 A) Group learning B) Rote learning
 C) Meaningful learning D) Symbolic learning
96. Computer Viruses are
 A) Antivirus B) Hardware programmes
 C) Software Programmes D) None of the above
97. Micro teaching is one of the trends in education insisting on
 A) Teaching students by dividing them into small groups
 B) Teaching of minutest points of a subject
 C) Finding out the subtle doubts in the minds of the students
 D) Mastering of various skills of teaching with special attention
98. A statement that a researcher inserts in his thesis which he believes to be a fact, but cannot verify is termed as
 A) A delimitation B) An axiom
 C) An assumption D) A hypothesis
99. Every individual has an equal chance of being selected by the method of
 A) Quota sampling B) Purposive sampling
 C) Systematic sampling D) Random sampling

111. An assessment system that covers all aspects of student's development and behavioural outcome refers to
 A) Summative evaluation B) Formative evaluation
 C) CCE D) Scholastic evaluation
112. 'Criticism of data' is related to
 A) Experimental Research B) Survey Research
 C) Correlational Research D) Historical Research
113. The Rorschach Inkblot test is used to assess
 A) Emotional state of an individual
 B) Intelligence level of an individual
 C) Personality traits of an individual
 D) Creative abilities of an individual
114. Team teaching was first initiated in
 A) USA B) UK C) France D) Japan
115. Members of a group act, feel and think together in a way which is different from the normal acting, feeling and thinking of individuals who compose it. It is known as
 A) Group mind B) Leadership
 C) Mimesis D) Cooperation
116. If a teacher has to establish his credibility in evaluating answer scripts he must be
 A) Objective B) Lenient
 C) Strict D) Prompt
117. In a competitive examination, objective items are included in large scale. Why?
 A) Fast scoring
 B) Availability of manuals
 C) High validity
 D) Easiness in administration procedure
118. The rating scale would mostly be used in the evaluation of
 A) Personality B) Aptitude
 C) Intelligence D) Reading readiness
119. Meaningful learning takes place when the teacher explains the concepts
 A) Using audio-visual aids
 B) In students' mother tongue
 C) Linking with students' previous knowledge
 D) Giving a Power Point presentation
120. Primary responsibility for the teacher's adjustment lies with
 A) The Principal B) The students
 C) The teacher himself D) The community
