

SET 2014 EXAM SOLVED PAPER

1.The remote controls in TVs operate using

- A.Radio waves
- B.Ultrasound waves

C.Infrared light

- D.UV light

Ans:C

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

Ans:B

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

Ans:D

4.The APGAR test is administered to:

- A.Pre-school children

B.Newborns

- C.Mentally retarded children
- D.Primary school children

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Ans:B

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

Ans:C

6. To convert ammonia into urea, the liver cells require:

A. Water

B. Sulphur

C. Carbon dioxide

D. Oxygen

Ans:C

7. Bacterial decomposition of biological material under aerobic condition is:

A. Fermentation

B. Fertilization

C. Contamination

D. Composting

Ans:A

8. The realm of the earth made up of solid rock and soil is called

A. Atmosphere

B. Lithosphere

C. Hydrosphere

D. Stratosphere

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Ans:B

9.The population of a town is 1,44,000.It increases by 5% 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

Ans:A

10.Remu is twice as old as Suma.Three years ago,she was three times as old as Suma.How old is Remu now?

A.6 years

B.7 years

C.8 years

D.12 years

Ans:D

11.If A stands for +,B stands for -,C stands for \times ,D stands for \div then,14C10A42D2B8=?

A.153

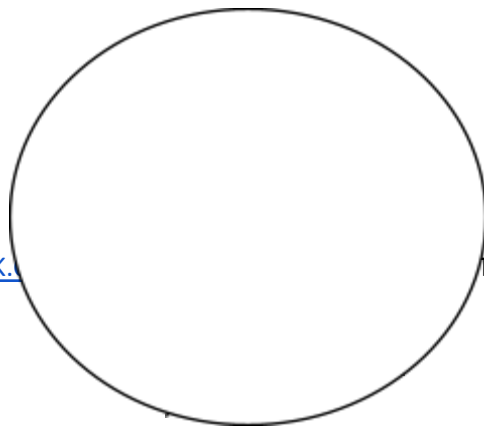
B.216

C.248

D.83

Ans:A

12.The total adults in a city is 60000.The various section of them are indicated below in the circle diagram.



I-162⁰

II-108⁰

III-54⁰

IV-18⁰

V-18⁰

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 5/19

B.19 1/5

C.5 1/19

D.None of these

Ans:A

13.In ancient India,which one of the following universities was established first?

A.Vikramsila

B.Nalanda

C.Takshashila

D.Somapura Mahavihara

Ans:C

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

Ans:D

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

Ans:C

16.The only active volcano in India

A.Etna

B.Barren Island

C.Vesuvius

D.Stromboli

Ans:B

17.Who officially declared Kannur as the first zero-landless district in the country?

A.Oommen Chandy

B.Jairam Ramesh

C.Sonia Gandhi

D.Dr.Manmohan Singh

Ans:B

18.Who coined the famous slogan 'Inquilab Zindabad'?

A.Hasrat Mohani

B.Bhagat Singh

C.A.K.Gopalan

D.Chandrasekhar Azad

Ans:A

19.What is the importance of the day 12th March 1930?

A.Non-co-operation Movement

B.Chauri Chaura Incident

C.Quit India Movement

D.Salt Satyagraha

Ans:D

20.Who was selected for the Ezhuthachan Award 2013?

A.M.K.Sanu

B.O.N.V.Kurup

C.Sarah Joseph

D.Padmanabhan

Ans:A

21.Thillana is a format of

A.Kuchipudi

B.Odissi

C.Bharathanatyam

D.Kathak

Ans:C

22.Amjad Ali Khan is a famous player of which musical instrument?

A.Violin

B.Flute

C.Tabala

D.Sarod

Ans:D

23.The Man Booker Prize 2013 winner,Eleanor Catton,the youngest winner in the Prize's history,belongs to which country?

A.USA

B.New Zealand

C.UK

D.Australia

Ans:B

24.The founder of the Nyaya School of philosophy

A.Kapila

B.Gautama

C.Jaimini

D.Kanada

Ans:B

25.According to Indian philosophy,the main goal of existence is

A.Darshana

B.Karma

C.Salvation

D.Rebirth

Ans:C

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

Ans:C

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.Mushirul Hasan**
- C.Shri.T.N.Ninan
- D.Prof.(Mrs)Poonam Batra

Ans:B

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

Ans:B

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

Ans:A

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 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

Ans:B

31.The founder Vice-Chancellor of Thunchath Ezhuthachan Malayalam University

A.Raju Narayanaswamy

B.K.Jayakumar

C.M.T.Vasudevan Nair

D.A.Jayaprasad

Ans:B

32.-----will host the 2014 Common Wealth Games.

A.Dhaka

B.Mumbai

C.Toronto

D.Glasgow

Ans:D

33.The bowler to take Sachin's wicket in his(Sachin's)last Test Match held in Mumbai

A.Chris Gayle

B.Narsingh Deonarine

C.Kieron Pollard

D.Fidel Edwards

Ans:B

34.Who among the following from Kerala was first honoured by issuing a Commemorative coin by the government?

A.Vallathol

B.Sree Narayana Guru

C.EMS Namboothirippad

D.Saint Alphonsa

Ans:B

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

Ans:B

36.Which of the following statements about ISRO's Mars Mission is/are correct?

I.The Spacecraft was launched on 5th November 2013

II.It was launched from Wheeler Island near the coast of Odisha

III.According to the existing Programme,the spacecraft will land on Mars after 300 days of the launch

IV: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

Ans:B

37.A nodal agency established by the UGC for providing Education to students across the country through electronic media

A.GLAS

B.DOT

C.CEC

D.CIET

Ans:C

38.'Kuruksheethra'the place related to the epic Mahabharatha is situated in

A.Haryana

B.Bihar

C.Uttar Pradesh

D.Uttaranchal

Ans:A

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

Ans:D

40.Superstitious beliefs are generally formed through

A.Operant conditioning

B.Classical conditioning

C.Traditional beliefs

D.Natural learning

Ans:C

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

Ans:D

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

Ans:C

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

Ans:A

44.Even with education,the poor in the villages cannot easily give up their old ways of thinking due to

A.High rate of non-material changes

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B.High rate of material changes

C.Low rate of material changes

D.Low rate of non-material changes

Ans:D

45.The essence of effective communication is that

A.Sender and receiver both attribute the same meaning to a message

B.Sender and receiver both exchange information

C.The receiver gives feedback to the sender

D.None of the above

Ans:A

46.The main reason for failure of communication in the classroom is

A.The students are in attentive

B.The students are not interested in the lesson being taught

C.Instruction is in the mother tongue

D.There is so much noise in and around the classroom

Ans:B

47.One of the main objectives of Rashtriya Uchchar Shiksha Abhiyan is to

A.Improve the professional skills of teachers at Higher Secondary level by organizing intensive training programmes to be sponsored by the central government

B.Standardize the Higher Secondary courses in India on par with international institutions

C.Bring higher education in India in line with and at the frontiers of global trends in higher education and knowledge development

D.Impart training in life skills and thus improve the employability of higher Secondary students in the job market in India and abroad

Ans:C

48.The 'Report on Currency and Finance'for each of the financial year in India is published by

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A.Reserve bank of India

B.Ministry of Finance

C.Planning Commission

D.Central Statistical Organization

Ans:A

49.A computer program that converts assembly language to machine language is

A.Compiler

B.Interpreter

C.Assembler

D.Comparator

Ans:C

50.What is the difference between 'Google'and 'Google Chrome'?

A.Google is a search engine whereas Google Chrome is a web browser

B.Google is a web site whereas Google Chrome is a search engine

C.Google is designed for use in table top computers whereas Google Chrome is designed for mobile devices

D.Google Chrome is an upgraded version of Google

Ans:A

51.ISP stands for?

A.International Server Protocol

B.Internal Storage Protocol

C.Internet Service Provider

D.Internet Storage Provider

Ans:C

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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

Ans:C

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

Ans:D

54.Match the following

LIST-I

i.Indra Nooyi

ii.Chanda Kochhar

iii.Marissa Mayer

iv.Usha Ananthasubramanian

v.Arundhati Bhattacharya

LIST-II

a.Bhartiya Mahila Bank

b.Biocon Ltd

c.SBI

d.Pepsi Co

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

Ans:B

55.The -----file format is a method of encoding pictures on a computer

A.HTML

B.URL

C.JPEG

D.DOC

Ans:C

56.The second part of a URL specifies the

A.Protocol

B.Resource id

C.Client name

D.Server name

Ans:D

57.The language used for creating webpages

A.Hyper Text Machine Language

B.Hyper Text Markup Language

C.Hyper Text Makeup Language

D.Hyper Text manage language

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Ans:B

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

Ans:B

59.Which one of the following is not an operating system?

A.Windows XP

B.Microsoft Office

C.DOS

D.Linux

Ans:B

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

Ans:C

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

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Ans:D

62.Problem investigated in project method is

A.Theoretical and imaginary

B.Real and theoretical

C.Real and Practical

D.All of the above

Ans:C

63.A feeling of discomfort that accompanies fear of failure is

A.Arousal

B.Conflict

C.Anxiety

D.Catharsis

Ans:C

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.Rationalism

B.Projection

C.Repression

D.Compensation

Ans:A

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

Ans:D

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

Ans:D

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

Ans:B

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

Ans:A

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 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

Ans:D

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 institutions must be planned for its development according to its own need and circumstances

D.Plans for running an educational institution must be made statewide rather than being central

Ans:C

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

Ans:B

72.Which type of school administration will help to promote national integration?

A.Autocratic

B.Laissez-faire

C.Bureaucratic

D.Democratic

Ans:D

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

Ans:C

74.If a really creative child is ignored in the classroom,it would result in

A.Submission

B.Withdrawal

C.Suppression

D.Aggression

Ans:D

75.The basic idea of democratic society is

A.Powerful leadership

B.Obedient followers

C.Might makes right

D.Respect for enlightened individual

Ans:D

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

Ans:C

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

Ans:D

78.Integrative reconciliation is a step in the theory of

A.Skinner

B.Hull

C.Ausubel

D.Pavlov

Ans:C

79.The personality of teachers influence the personality of students through a process of

A.Observation

B.Imitation

C.Psycho-osmosis

D.Comparison

Ans:C

80.Causes for individual differences among the learners are

A.Emotional and social variations

B.Cognition and environmental variables

C.Genetic and environmental factors

D.Emotional and environmental factors

Ans:C

81.What is guidance?

A.Helping a person to understand his/her difficulties

B.Helping an individual to understand his/her needs and abilities

C.Helping a person to achieve more

D.Helping a person by giving advice

Ans:B

82.'Ego' acts on the principle of

A.Pleasure

B.Reality

C.Conscience

D.Adjustment

Ans:B

83.According to Erik Erickson,the socio emotional stage of development in adolescence involves developing a sense of

A.Vision

B.Belonging

C.Identity

D.Courage

Ans:C

84.In Pavloc's experiment with dog,the food was the

A.Unconditioned stimulus

B.Unconditioned response

C.Conditioned stimulus

D.Conditioned response

Ans:A

85.The famous quotation "Learning is learning to learn" is by

A.Ansubel

B.Piaget

C.Bruner

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D.Gagne

Ans:C

86.The term'syntax' is associated with

A.Methods of teaching

B.Strategies of teaching

C.Models of teaching

D.Approaches to teaching

Ans:C

87.Online learning does not have much scope for

A.Individualized learning

B.Social learning

C.Experiential learning

D.Constructivist learning

Ans:B

88.Education is in the

A.State list

B.Centre list

C.Concurrent list

D.Common list

Ans:C

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

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D.Sri Aurobindo Ghosh

Ans:A

90.Chairman of Revised National Policy of Education Committee was

A.Ram Murthi

B.Manmohan Singh

C.Janardhan Reddy

D.Murali Manohar Joshi

Ans:C

91.Which of the following works as a powerful barrier against vertical mobility in India?

A.Caste

B.Class

C.Occupation

D.Job

Ans:A

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

Ans:B

93.Who among the following favoured'the development of senses' as aim of education?

A.Vivekananda

B.Gandhiji

C.Tagore

D.Aurobindo

Ans:D

94.The concrete operational stage is one of the development stages given by

A.Bruner

B.Piaget

C.Vygotsky

D.Gagne

Ans:B

95.Advanced organizer promotes

A.Group learning

B.Rote learning

C.Meaningful learning

D.Symbolic learning

Ans:C

96.Computer Viruses are

A.Antivirus

B.Hardware programmes

C.Software programmes

D.None of the above

Ans:C

97.Micro teaching is one of the trends in education insisting on

A.Teaching students by dividing them into small groups

B.Teaching of minutes 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

Ans:D

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

Ans:C

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

Ans:D

100.The best way for teaching values is

A.Preaching

B.Practicing

C.Sermonizing

D.Re-inforcing

Ans:B

101.Those attributes of a person that serve moral functioning but are not moral are called

A.Meta moral

B.Amoral

C.Non moral

D.Immoral

Ans:A

102.Hierarchy of values implies

A.Human rights over natural laws

B.Societal needs over individual needs

C.Adult needs over children needs

D.Child rights over adult needs

Ans:B

103.The repeated use of electronic communication to harass or frighten someone is

A.Cybercrime

B.Cyber smearing

C.Cyber stalking

D.Cyber defamation

Ans:C

104.The type of educational technology which has its origin in behavioural sciences

A.Hardware approach

B.Software approach

C.Systems approach

D.Modular approach

Ans:B

105.'Graphics 'suits well for

A.Symbolic learning

B.Sensory motor learning

C.Iconic learning

D.Virtual learning

Ans:C

106.Cause-effect relationship between variables is studied through

A.Experiments

B.Surveys

C.Case studies

D.Observations

Ans:A

107.Standard deviation is calculated from the deviation of each score from

A.Mean

B.Median

C.Mode

D.Square of mean

Ans:A

108.When a group of individuals is studied over a long span of time,it is known as

A.Correlational approach

B.Field survey approach

C.Longitudinal approach

D.Cross sectional approach

Ans:C

109.The observable and measurable behavioural change is called

A.Objective

B.Specification

C.Aims

D.Goals

Ans:B

110.The most salient function of formative evaluation is to

- A.Classify pupils
- B.Get an exact picture of the standard of students
- C.Motivate them to learn actively
- D.Gather immediate feedback leading to diagnosis**

Ans:D

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

Ans:C

112.'Criticism of data' is related to

- A.Experimental Research
- B.Survey Research
- C.Correlational Research
- D.Historical Research**

Ans:D

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

Ans:C

114.Team teaching was first initiated in

A.USA

B.UK

C.France

D.Japan

Ans:A

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.Co-operation

Ans:C

116.If a teacher has to establish his credibility in evaluating answer scripts he must ne

A.Objective

B.Lenient

C.Strict

D.Prompt

Ans:A

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

Ans:C

118.The rating scale would mostly be used in the evaluation of

A.Personality

B.Aptitude

C.Intelligence

D.Reading readiness

Ans:A

119.Meaningful learning takesplace when the teacher explain the concepts

A.Using audio-visual aids

B.In Students' mother tongue

C.Linking with students'previous knowledge

D.Giving a Power Point presentation

Ans:C

120.Primary responsibility for the teacher's adjustment lies with

A.The Principal

B.The students

C.The teacher himself

D.The community

Ans:C