

EDU252 List of eExam Questions in the Bank

Latex formatted questions may not properly render

Q1 A specimen lesson note could be written by making use of the essential component parts. True/False

Q2 Stating previous knowledge involve only the knowledge just gained in the last lesson. True/False

Q3 Identify and know are action verbs used in stating behavioural objectives. True/False

Q4 Behavioural objectives lays less emphasises on outcomes expected from teaching. True/False

Q5 Insructional objectives focus on deriving the content of teaching. True/False

Q6 Lesson note is the final stage of lesson preparation. True/False

Q7 Demonstration can be done either by the teacher or student. True/False

Q8 Inquiry method gives opportunities to chemistry students to gather information and facts by themeslves. True/False

Q9 Teacher should rely only on one particular method of instruction. True/False

Q10 Pouring out of facts and pulsing to ask questions by teacher is the lecture method. True/False

Q11 The theoretical and technical advancement of man depend on his knowledge of science. True/False

Q12 Science contribute doubtfully to the development of the society . True/False

Q13 Technological breakthrough of a nation is not dependent of scientifically trained manpower. True/False

Q14 Science teaching is to help learners to solve problems. True/False

Q15 Kuhn attacks the believe that measurement in science is just establishing the fact. True/False

Q16 The particles of an atom contain atomic number, electrons and neutrons. True/False

Q17 Phelps-stokes recommended that science subjects should be included secondary school curriculum in 1960. True/False

Q18 A teacher of science should develop in his students the critical and

problem solving minds. True/False

Q19 Ability to examine facts and to suspend judgment on their observations, conclusions and activities is the principle of objectivity. True/False

Q20 Principle of probability operate on the premise that certainty is impossible. True/False

Q21 A big idea will remain in students' mind only if they contain critical concepts. True/False

Q22 Learning ability do not correspond to levels of scientific cognitive development. True/False

Q23 Ausubel's theory emphasises systematically guided exposition the teaching/learning process. True/False

Q24 Ability to learn chemical concepts is based on undefinable variables. True/False

Q25 Science language becomes more difficult to understand when teachers properly define them. True/False

Q26 Purchases of laboratory equipment are made through a set of catalogues from which they are advertised. True/False

Q27 Laboratory safety is a coefficient of common sense and chemical effects. True/False

Q28 Laboratory materials must be used for only experiments assigned by teachers. True/False

Q29 Classroom climate contains only social and psychological environments. True/False

Q30 A chemistry teacher should cultivate the habit of reading to students from textbooks. True/False

Q31 According to Kuhn, scientific community explains the considerable stability and in science

Q32 Testing of dominant theory is to remove

Q33 permits the revision as well as the refutation of theories

Q34 Generalisation results in creation of scientific

Q35 is a scheme of reasoning that permits generalisation

Q36 Societal mysteries that plague his children against science learning is called

Q37 wrote about the conflict of science and superstition in Nigeria

Q38 African culture involves language, dressing, entertainment and

Q39 The believe of scientists that every phenomenon results from a discoverable cause is

Q40 Assumption that nature is expected to show variation and change is the principle of

Q41 Preference for simple and widely applicable explanation of phenomenon is the principle of

Q42 Science involves process and

Q43 involves statement of problems and researching into solving the problems.

Q44 Science is a group of exact demonstrable facts and proven

Q45 The of science consists wholly of declarative sentences

Q46 refers to the process by which science equipment and materials are produced from locally available materials

Q47 Poisonous gases should be kept in the cupboard

Q48 A room used by chemistry teachers to try out experiments before actual laboratory demonstration is called

Q49 asserts that demonstration helps to visualise processes

Q50 When two or more teachers jointly teach and evaluate learning experiences is called

Q51 helps teachers to learn about the various maturity levels of the learners in terms of their emotions and intellect

Q52 The process of assuming the nature, behaviour, attitude or responsibility in a given situation is

Q53 Teaching methods that enables children to find solution to problem by themselves is

Q54 Main barrier to communication of science to learners is

Q55 Science was first introduced into Nigerian curriculum in

Q56 Modern teaching of science should be centred

Q57 Application of scientific knowledge is called

Q58 The of science education are in line with the objectives of education

Q59 Science aims at developing scientific values and

Q60 Science education involves the acquisition of attitude

Q61 Which of the following could NOT constitute a source of hazard in the laboratory?

uncontrolled chemical reactions

pouring cold water on dilute hydrochloric acid

storing in the same place chemicals that violently react together

storing highly inflammable substances in hot places

Q62 The following are some of the good rules of the laboratory EXCEPT

students will not pay for any apparatus they damage

laboratory materials are to be used only in the laboratory

there should be no horse play in the laboratory

students should do only experiments assigned or approved by the teacher

Q63 The laboratory technician or attendant performs all but one of the following

maintain and repair damaged equipment

keeping the apparatus clean and tidy

refuse ordering of apparatus

setting up or dismantling demonstration apparatus

Q64 The balance room should, if possible, be provided with

concrete or heavy wooden benches

air conditioner

good lighting

all of the above

Q65 Bruner contends that a child moves through which of the following stages of mental development

the enactive

the ID

the ionic

the symbolic

Q66 The ability to learn science is based on specific factors, differently and jointly influencing the learner, like

students' inherent capacity

background knowledge

disbelief and lack of value system

interest motivation

Q67 Which of the following questions can be used to assess improvisation?

What scientific questions does the device seek to answer?

Does the device provide a valid answer?

What is the monetary worth of the device?

all of the above

Q68 All but one is the advantages of improvisation

it helps to spend money

it saves time

it creates opportunity for learners to take part in the construction and use of apparatus

it induces learner's interest and understanding of science

Q69 Since apparatus are generally delicate and expensive, it is the duty of the science teacher to see that

those bought are actually needed

he consults good laboratory manuals and catalogues for relevant information

he makes direct contact with suppliers so as to reduce cost

he follows the due process by advertising in the daily papers

Q70 If a laboratory is too small, it may

allow students to see the chalkboard

see what is happening on the demonstration table

make students to be at peace and so help reduce preventable accidents

make students to be restless and cause preventable accidents

Q71 Teacher's technique for proper classroom management include

giving simple, clear instructions

knowing the pupils by their names

creating order before teaching or making announcements

typing the lesson notes used for teaching

Q72 Classroom socio-interaction between the pupils and between the pupils and the teachers will influence to a great extent teachers

leadership

learnability

class morale

conduct and discipline

Q73 Which of the following is NOT correct about asking questions?

wait for sometime and look around before calling on a student to answer

avoid a rhetoric question that simply requires yes or no

repeat the question as many times as possible

require student volunteers to answer as in most cases better results are obtained

Q74 Usually in a classroom there are

students-students interactions

students-traders interactions

students-teachers interaction
students-environment interaction

Q75 Presentation of a lesson should be

logical
sequential
divided into steps
prepared with aim of avoiding the objectives

Q76 Identify the incorrect statement:

Too many students embark on the study of science in Nigeria
The question of what constitute abuse of drug will be brought to limelight through science education
For a country to be secured among the nations of the world, she needs to embark on scientific literacy of her citizens
Scientific development may have questionable value today and may become obsolete tomorrow

Q77 The following questions may be necessary when deciding a method to use EXCEPT

Will this method help the student to think?
Will this method help the students to go home safely?
Is this method appropriate to the students?
Is this method worth the expenses and efforts?

Q78 Key barrier to communication is

channel
sex
background
time and space

Q79 Which of the following statements is correct?

Science seeks an ultimate understanding of the natural world
Engineering seeks to apply the knowledge of science to practical needs
Technology deals with the tools and methods of producing the end products of modern industrial society
all of the above

Q80 Dramatization enables the teacher to learn about the various maturity levels of the pupils in terms of their

emotional development
fighting skills development
physical development
intellectual and social development

Q81 Role playing is the process of assumng the

nature and/or manner of a person or object
singing and dancing to local and foreign music
behaviour and attitude of a person or object

responsibility and/ or authority of a person or object

Q82 Excursion is always embarked on to

enhance learning concepts by the students
find out the untruths about what is being learnt
both near and far places
places of clear social and scientific relevance

Q83 Which of the following is NOT an advantage of the lecture method?

allows the teacher to cover little ground within a long period of time
encourages the art of note taking
encourages independent study
little time is spent on teaching aids

Q84 In the lecture method, the teacher comes to the class

fully armed with a mass of facts probably gathered from books
and starts to point out the facts
and may pause at intervals to ask question(s)
and allow the students to do all the talking with himself being the passive listener

Q85 Identify the incorrect statement:

Science contributes immensely to the development of society
The living standard and healthy status of man are improved through the knowledge of science
We may not ask questions about the materials and techniques that we are going to use in teaching
Science, technology and engineering are somehow related

Q86 Inquiry method does not enable students to

engage in designing experiments to collect data
participate very less actively in the class
engage in formulating problems for investigation
practice and process certain scientific attitudes such as objectivity, curiosity, open-mindedness

Q87 Inquiry method involves all but one of the following

asking insightful questions
formulating problems
formulating hypotheses
formulating students' intentions

Q88 In inquiry method of teaching, the learner is

required to pass message from the teacher to the students
led by skillful, thought provoking questions by the teacher
given opportunities to gather information, facts and ideas
to process whatever data is obtained by himself in order to find solution and draw conclusion from them

Q89 Which is NOT true? Children are always

curious and inquisitive

exploring and trying to find out why certain things occur

trying to understand aspects of the universe and their immediate environment

none of the above

Q90 All these are advantages of improvisation EXCEPT

opportunity to express oneself freely and happily

development of sense of respect for the opinion of others

development of ability to be first in a class

development of cooperative attitude within a group

Q91 The principle of dynamism means

nature is expected to show variation

a change that is dynamic

a change that is not static

all of the above

Q92 In terms of numerical figures, science has dual nature which means it is divided into

4 parts

2 parts

6 parts

5 parts

Q93 Science is basically divided into

process and product

biology and chemistry

chemistry and physics

biology, chemistry and physics

Q94 A principal characteristic of science is that it is

fully alive

static

understood by only bright students

dynamic

Q95 Which of the following statements best describes science?

science is an ordered body of knowledge, in form of laws, theories and concepts

science is a group of exact demonstrable facts and proven theories

science is both a body of knowledge and the process of acquiring and refining knowledge

science is the 'what' and 'why' of all things happening in our environment

Q96 Identify the wrong point. The value of science that must be taught to our students are

longing to know and understand

questioning of all things

the law of conservation of mass

demand for verification

Q97 Karl Popper supports the view that

error will be systematically eliminated by the operation of critical debates in science
social interests which produce error will not be vanquished by those social interests which produce truth
at constant temperature, the product of pressure and volume is constant
action and reaction are equal and in the opposite direction

Q98 Which philosopher of science criticised hypothetico-deductive interpretation of the growth of science?

Prof. G.A. Badmus
Prof. Vincent Ado Tenebe
Thomas Kuhn
Karl Popper

Q99 According to Karl Popper, hypotheses compared

compared with one another
compared with any other irrelevant statements so as to find what logical relations exist between them
usually formulated
usually tested

Q100 Karl Popper rejects the inductive method as the process by which science advances because it is

illogical
irrational
unable to satisfactorily demarcate between empirical science and non-science such as astrology
more historical than mathematical

Q101 Which of the following statement is NOT correct?

Scientific reasoning is characterised in terms of inductive and deductive logic
Induction permits us not to generalise, preceding from a universal statements to singular ones
Deduction involves the formulation of speculation based on one's previous experiences
The manner of formulating hypothesis usually involve intuition, creativity and ingenuity

Q102 Answers given to the numerous questions raised during the study of science help to achieve the following EXCEPT

to nominate the Vice Chancellor of the University
clarify the nature of science
to determine what the scientist does next
the scientist to take better decisions to improve whatever he does next

Q103 Which of the following is NOT true about philosophy of science?

posting questions and seeking rational answers relating to the nature of science
the validity of the scientific knowledge
knowing how knowledge is destroyed
knowing how knowledge is acquired

Q104 To bail students from problems connected with superstitious beliefs, they should be trained to be

- good dancers and singers
- very good athletes and footballers
- study all subjects in school
- give explanations to scientific problems through laboratory experiments and doing practical work with locally available materials

Q105 According to Fafunwa, the African is a man of two worlds. These are

- that of African culture
- that of the other world where science has already become a dominant cultural factor
- A & B
- none of A & B

Q106 A preparation room should be provided with the following EXCEPT

- balls
- gas
- electricity
- water

Q107 Introduction of lesson in chemistry should be

- brief
- long, lasting at least 15 minutes
- relevant to the topic
- stimulating to arouse the interest and curiosity of the pupils

Q108 A teacher could introduce chemistry lesson by

- singing and dancing jazz and afro-beat music
- asking simple questions to the topic being treated
- posing a problem to the students to solve
- setting short physical tasks for students to do

Q109 In a lesson note, previous knowledge means knowledge of the

- last lesson
- last ten lesson
- lesson of yesterday and tomorrow
- all lessons that have earlier been taught which are relevant to the facts to be taught now

Q110 The general information in a note of lesson does not contain

- date
- evaluation
- the lesson to be taught
- the topic to be treated

Q111 The following could NOT constitute a source of hazard in the laboratory

- uncontrolled chemical reactions
- pouring cold water on dilute hydrochloric acid

storing in the same place chemicals that violently react together
storing highly inflammable substances in hot places

Q112 The following but one, are some of the good rules of the laboratory

students will not pay for any apparatus they damage
laboratory materials are to be used only in the laboratory
there should be no horse play in the laboratory
students should do only experiments assigned or approved by the teacher

Q113 The laboratory technician or attendant performs all but one of the following

maintain and repair damaged equipment
keeping the apparatus clean and tidy
refuse ordering of apparatus
setting up or dismantling demonstration apparatus

Q114 The balance room should, if possible, be provided with

concrete or heavy wooden benches
air conditioner
good lighting
all of the above

Q115 Bruner contends that a child moves through the following stages of mental development

the enactive
the ID
the ionic
the symbolic

Q116 The ability to learn science is based on specific factors, differently and jointly influencing the learner, like

students' inherent capacity
background knowledge
disbelief and lack of value system
interest motivation

Q117 Which of the following questions can be used to assess improvisation?

What scientific questions does the device seek to answer?
Does the device provide a valid answer?
What is the monetary worth of the device?
all of the above

Q118 Improvisation helps learners in the following ways EXCEPT

it helps to keep money
it wastes time
it creates opportunity for learners to take part in the construction and use of apparatus
it induces learner's interest and understanding of science

Q119 Since apparatus are generally delicate and expensive, it is the duty of the

science teacher to see that

those bought are actually needed

he consults good laboratory manuals and catalogues for relevant information

he makes direct contact with suppliers so as to reduce cost

he follows the due process by advertising in the daily papers

Q120 If a laboratory is too small, it may

allow students to see the chalkboard

see what is happening on the demonstration table

make students to be at peace and so help reduce preventable accidents

make students to be restless and cause preventable accidents

noungeeks.com