

**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  
physcial 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

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