

Andhra Pradesh State Council of Higher Education

Notations :

- 1.Options shown in green color and with ✓ icon are correct.
- 2.Options shown in red color and with ✗ icon are incorrect.

Question Paper Name :	Geology 17th Oct 2022 Shift 1
Duration :	120
Total Marks :	140
Display Marks:	No
Share Answer Key With Delivery Engine :	Yes
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console?	Yes
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No





Research Methodology

Section Id :	549470307
Section Number :	1
Mandatory or Optional :	Mandatory
Number of Questions :	59
Section Marks :	70
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Is Section Default? :	null

Question Number : 1 Question Id : 54947021809 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The primary stage of promoting the learning in a child is _____.

Options :

1.  Imitation
2.  Instinct
3.  Motivation
4.  Conditioning

Question Number : 2 Question Id : 54947021810 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response

Time : N.A Think Time : N.A Minimum Instruction Time : 0

A good teacher is one who ____

Options :

1. ✘ gives useful information
2. ✘ gives notes to students
3. ✘ explains concepts and principles
4. ✔ inspires students to learn

Question Number : 3 Question Id : 54947021811 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The highest contribution of the sensory organ in effective learning belongs to ____.

Options :

1. ✘ sense of touch
2. ✘ sense of hearing

sense of taste

3. ✘

sense of seeing

4. ✔

Question Number : 4 Question Id : 54947021812 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The classroom communication should essentially be _____.

Options :

Abstract

1. ✘

Empathetic

2. ✔

Non-descriptive

3. ✘

Contrived

4. ✘

Question Number : 5 Question Id : 54947021813 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is the highest level of cognitive ability?

Options :

1. ✘ Knowing
2. ✘ Understanding
3. ✘ Analyzing
4. ✔ Evaluating

Question Number : 6 Question Id : 54947021814 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which among the following is NOT a component of effective teaching.

Options :

1. ✘ Questioning to check for the understanding of students
2. ✘ Providing students with feedback

3. ✖ Being flexible about how long it takes to learn

4. ✔ Reactive mode of students' behavior

Question Number : 7 Question Id : 54947021815 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

SWAYAM refers to _____.

Options :

1. ✖ Study World of Action-Learning for Young Aspiring Minds

2. ✔ Study Webs of Active-Learning for Young Aspiring Minds

3. ✖ Student World of Action-Learning for Young Ailing Minds

4. ✖ Study Webs of Active-Learning for Youth Awareness Models

Question Number : 8 Question Id : 54947021816 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is the main purpose of using ICT for class room teaching is to__.

Options :

1. ✘ Keep students engaged in the class
2. ✘ Divert student's attention in the class
3. ✔ Optimize learning outcomes of teaching
4. ✘ Make the classroom instructions are interesting

Question Number : 9 Question Id : 54947021817 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

GUI stands for_____.

Options :

1. ✘ Graphical User Interference
2. ✔ Graphical User Interface

Graphical User Identifier

3. ✘

Gaming User Identifier

4. ✘

**Question Number : 10 Question Id : 54947021818 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Which of the following be the true evaluation of the students if possible?

Options :

Formative

1. ✘

Evaluation at the end of the course

2. ✘

Evaluation twice in a year

3. ✘

Continuous evaluation

4. ✔

**Question Number : 11 Question Id : 54947021819 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Teaching in Higher education implies

Options :

1. ✘ Presenting the information given in the text book
2. ✘ Asking questions in the class and conducting examinations
3. ✘ Helping students to prepare and pass the examinations
4. ✔ Helping students to learn

Question Number : 12 Question Id : 54947021820 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The primary task of a teacher is

Options :

1. ✘ To teach the prescribed curriculum
2. ✔ To stimulate and guide students learning

3. ✘ To provide diagnostic and remedial is aid wherever desired

4. ✘ To promote habits of conformity to adult demands and expectations

Question Number : 13 Question Id : 54947021821 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

One of the aims of scientific method in research is to ____.

Options :

1. ✘ Improve data interpretation

2. ✔ Eliminate spurious relations

3. ✘ Introduce new variable

4. ✘ Conform triangulation

Question Number : 14 Question Id : 54947021822 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is NOT a characteristic of research?

Options :

1. ✘ Research is symmetric
2. ✔ Research is not a process
3. ✘ Research is not passive
4. ✘ Research is problem oriented

Is Section Default? : null

Question Id : 54947021823 Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Question Numbers : (15 to 21)

Read the following passage carefully and answer the questions from 15 to 21:

Intelligence is associated with academic achievement by most people. The various theories of intelligence created by psychologists hold that there are two kinds of academic intelligence-verbal and mathematical or logical. Intelligence is an inherited trait that impacts individual behavior and performance according to most experts. But, many research studies have revealed that the environment greatly impacts the development of intelligence. Since, one property of intelligence is analytical and reasoning skills, people with high intelligence quotient will understand the problem at hand better than people with a low IQ. Many organizations consider intelligence as an important criterion while recruiting. For instance in many management schools, a lot of weightage is given to high IQ while admitting students or recruiting faculty members. The qualities of intelligent people are high energy drive, achievement and competitiveness. Very intelligent employees learn job – related skills and other organizational practices quickly and organizations have to spend less time training them. People with high intelligence have good decision making ability due to their good analytical and reasoning skills. With a high achievement drive, they are mostly very productive. As the saying goes, ‘A wise enemy is better than a foolish’ friend;

Even with such a high IQ, very intelligent people may not always be very happy. The high IQ makes them dysfunctional leading to anxiety and depression. Generally speaking, people with high intelligence quotient are often dissatisfied people.

Sub questions

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What are the two kinds of academic intelligence defined by psychologists?

Options :

1. ✘ Mathematical and logical
2. ✘ Logical and psychological
3. ✔ Verbal and logical
4. ✘ Mathematical and social

**Question Number : 16 Question Id : 54947021825 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

What are the possible ill effects associated with high IQ people?

Options :

1. ✘ Mania and hallucination
2. ✘ Depression and hallucination

3. ✖ Bipolar disease

4. ✔ Anxiety and depression

Question Number : 17 Question Id : 54947021826 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

When a student stands first in the class, the general credit is given to: ____.

Options :

1. ✖ Contacts

2. ✔ Intelligence

3. ✖ Hard work

4. ✖ Attractive features

Question Number : 18 Question Id : 54947021827 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Dissatisfaction is often witnessed in people with ____.

Options :

1. ✘ Creative skills
2. ✘ High expectations
3. ✔ Good decision-making ability
4. ✘ High education qualifications

Question Number : 19 Question Id : 54947021828 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

High energy drive, achievements and competitiveness are valued during ____.

Options :

1. ✘ Admission
2. ✘ Recruitment
3. ✘ Promotion

Admission and recruitment

4. ✓

Question Number : 20 Question Id : 54947021829 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Those who understand a problem in a short span of time will be people with ____.

Options :

- 1. ✓ High IQ
- 2. ✘ Low IQ
- 3. ✘ Average IQ
- 4. ✘ Good IQ

Question Number : 21 Question Id : 54947021830 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Another word for 'Weightage' is ____.

Options :

1. ✓ Credit

2. ✘ Mass

3. ✘ Weight

4. ✘ Freedom

Is Section Default? : null

Question Number : 22 Question Id : 54947021831 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Synopsis of a research is ____.

Options :

1. ✘ Summary of research

2. ✓ Blueprint of a research

3. ✘ Extract of research

A plan of research

4. ✖

Question Number : 23 Question Id : 54947021832 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following objectives is not associated with teaching aids?

Options :

To present difficult concepts in simpler manner for students

1. ✖

To make the students comparatively more active and dynamic

2. ✖

To make advertisements of attractive and miraculous events to students

3. ✔

To determine the audio-visual aids by keeping mind individual differences in the class

4. ✖

Question Number : 24 Question Id : 54947021833 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The first step of research is ____.

Options :

1. ✘ selecting a problem
2. ✘ searching a problem
3. ✔ finding a problem
4. ✘ identifying a problem

Question Number : 25 Question Id : 54947021834 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of these is not a method of data collection?

Options :

1. ✘ Interviews
2. ✘ Observations

Questionaries

3. ✘

Experiments

4. ✔

Question Number : 26 Question Id : 54947021835 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A researcher conducted three experiments with 100 subjects each following uniform design instead of one experiment with 300 subjects. This is known as ____.

Options :

Validation

1. ✔

Manipulation

2. ✘

Observation

3. ✘

Replication

4. ✘

Question Number : 27 Question Id : 54947021836 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The conceptual framework in which a research is conducted is called a _____.

Options :

1. ✘ Synopsis of research
2. ✔ Research design
3. ✘ Research hypothesis
4. ✘ Research Paradigm

Question Number : 28 Question Id : 54947021837 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which one of the following is an identification of the quality of a research journal?

Options :

1. ✔ Impact Factor
2. ✘ h – index

3. ✘ g – index

4. ✘ i10 – index

Question Number : 29 Question Id : 54947021838 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The ethics in research is not related to ____.

Options :

1. ✘ Scientific method

2. ✘ Reliability

3. ✔ Self-interest

4. ✘ Humanity

Question Number : 30 Question Id : 54947021839 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The objective of a research work can be written_____.

Options :

only in question form

1. ✘

only in statement form

2. ✔

both question and standard form

3. ✘

in hypothetical form

4. ✘

**Question Number : 31 Question Id : 54947021840 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Complete the series: 3C4, 7G5, 12L6, 18R7, 25Y8,_____.

Options :

32F9

1. ✘

33G9

2. ✔

32G9

3. ✖

33G7

4. ✖

Question Number : 32 Question Id : 54947021841 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In a certain code language, if CHECK = 30 and TIME = 47 then what is the code for HOCKEY?

Options :

52

1. ✖

67

2. ✔

48

3. ✖

72

4. ✖

Question Number : 33 Question Id : 54947021842 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The ratio of the present ages of A and B is 5:6. Fifteen years ago, the ratio of their ages was 7:9. Find the present age of A.

Options :

1. ✘ 10

2. ✘ 30

3. ✔ 50

4. ✘ 65

Question Number : 34 Question Id : 54947021843 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A shopkeeper losses 15% if an article is sold for Rs.102. What should be the selling price of the article to gain 20%?

Options :

1. ✘ 150

2. ✓ 144

3. ✘ 138

4. ✘ 132

Question Number : 35 Question Id : 54947021844 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In a class, the average age of the students is 21 years. If their class teacher, aged 45 years is also included, the average of the class would be 22 years. Find the number of students in the class.

Options :

1. ✘ 20

2. ✓ 23

3. ✘ 24

25

4. ✖

Question Number : 36 Question Id : 54947021845 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What sum of money amounts to 5800 in three years at 15% per annum with simple interest?

Options :

3800

1. ✖

4000

2. ✔

4200

3. ✖

4600

4. ✖

Question Number : 37 Question Id : 54947021846 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Starting from his house, Krishna travels a distance of 8m towards North, he then turns left and travels a distance of 6m, then travels 5m South and finally he travels 6m towards the West to reach his office. What is the approximate distance between his house and the office?

Options :

1. ✘ 14m

2. ✘ 12m

3. ✔ 12.5m

4. ✘ 14.5m

Question Number : 38 Question Id : 54947021847 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A person can cover a certain distance in 8 hours at a speed of 50 kmph. At what speed he must travel to cover the distance in 5 hours?

Options :

- 1. ✘ 400 kmph
- 2. ✔ 80 kmph
- 3. ✘ 100 kmph
- 4. ✘ 300 kmph

Question Number : 39 Question Id : 54947021848 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following groups of fraction are in ascending order?

Options :

- 1. ✘ $\frac{8}{11}, \frac{5}{8}, \frac{7}{10}$
- 2. ✘ $\frac{7}{10}, \frac{5}{8}, \frac{8}{11}$

3. ✓ $\frac{5}{8}, \frac{7}{10}, \frac{8}{11}$

$$\frac{5}{8}, \frac{8}{11}, \frac{7}{10}$$

4. ✘

Question Number : 40 Question Id : 54947021849 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following statements are mutually inconsistent?

- I. Mostly poets are not egoistic
- II. Mostly poets are humble
- III. Some poets are egoistic
- IV. Some poets are not non-egoistic

Options :

1. ✘ I and IV

2. ✘ II and III

3. ✓ I and III

III and IV

4. ✘

Question Number : 41 Question Id : 54947021850 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

“Some teachers are not sincere” is an example for which category of proposition?

Options :

1. ✘ Particular affirmative

2. ✔ Particular negative

3. ✘ Universal affirmative

4. ✘ Universal negative

Question Number : 42 Question Id : 54947021851 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Given below are two statements – one is labelled as Assertion (A) and the other is labelled as Reason (R)

Assertion (A): Skill development is a key feature in every individual's life.

Reason (R): An individual, who wants to get employed, needs to possess good education only.

In this context of above two statements choose the correct option codes:

Options :

1. ✓ (A) is true, but (R) is false

2. ✘ (A) is false, but (R) is true

3. ✘ Both (A) and (R) are true and (R) is the correct explanation of (A)

4. ✘ Both (A) and (R) are true and (R) is not the correct explanation of (A)

Is Section Default? : null

Question Id : 54947021852 Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Question Numbers : (43 to 45)

Note:

From the data furnished in the following table, answer the questions 43-45. Area under different crops over the years 2016-20 is in lakh hectares.

Year	Mango	Vegetables	Flowers	Total crop area
2016	53	72	1	187
2017	56	75	1	194
2018	58	78	2	202
2019	61	79	2	207
2020	63	79	2	209

Sub questions

Question Number : 43 Question Id : 54947021853 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following two years have registered the highest rate increase in total crop area?

Options :

1. ✓ 2017 and 2018
2. ✗ 2016 and 2017

3. ✖ 2017 and 2019

4. ✖ 2018 and 2019

Question Number : 44 Question Id : 54947021854 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following has recorded the highest rate of increase in crop area during 2016 to 2020?

Options :

1. ✖ Mango

2. ✖ Vegetables

3. ✔ Flowers

4. ✖ None of these

Question Number : 45 Question Id : 54947021855 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In which year, area under mango has recorded the highest rate of growth?

Options :

1. ✖ 2019

2. ✔ 2017

3. ✖ 2016

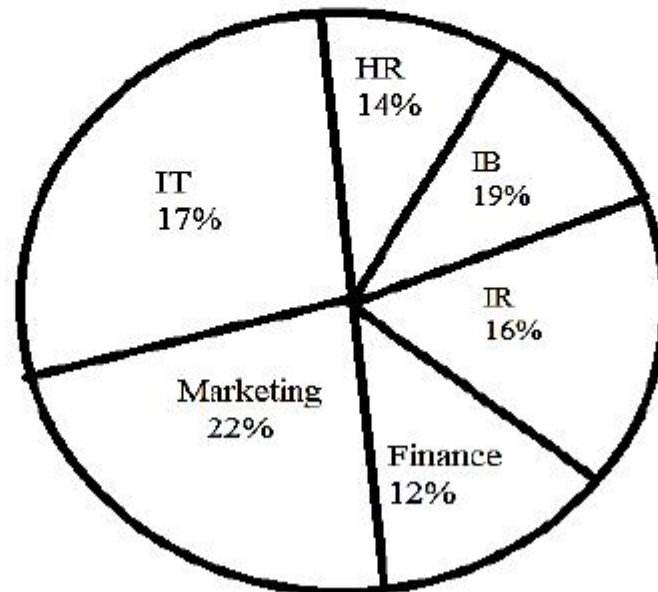
4. ✖ 2018

Is Section Default? : null

Question Id : 54947021856 Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Question Numbers : (46 to 49)

Note:

Study the following pie chart carefully and answer the questions 46-49. It gives data on number of students having specializations in different study branches.



Sub questions

Question Number : 46 Question Id : 54947021857 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the total number of students having specialization in HR, Marketing and IT?

Options :

4640

1. ✘

2. ✘ 4080

3. ✔ 4400

4. ✘ 4260

Question Number : 47 Question Id : 54947021858 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the total number of students having IB as specialization?

Options :

1. ✔ 1520

2. ✘ 1280

3. ✘ 1120

4. ✘ 1360

Question Number : 48 Question Id : 54947021859 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the ratio of the students having Finance as specialization to students having HR as specialization?

Options :

1. ✘ 11:9

2. ✘ 4:7

3. ✘ 18:13

4. ✔ 6:7

Question Number : 49 Question Id : 54947021860 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Students having IR as specialization forms approximately what percent of students having HR specialization?

Options :

1. ✔ 114

2. ✖

106

3. ✖

76

4. ✖

87

Is Section Default? :

null

Question Number : 50 Question Id : 54947021861 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

If the statement “most of the students are obedient” is taken to be true, which one of the following pair of statements can be claimed to be true?

- A) All obedient persons are students
- B) All students are obedient
- C) Some students are obedient
- D) Some students are not disobedient

Choose the correct codes from the options given below:

Options :

A and B

1. ✖

2. ✖ B and C

3. ✔ C and D

4. ✖ B and D

Question Number : 51 Question Id : 54947021862 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Given below are two statements I and II followed by two conclusions (A) and (B). Suppose if the statements are true, which of the following conclusions can logically follow?

Statements:

I: Some flowers are red

II: Some flowers are blue

Conclusions:

A: Some flowers are neither red nor blue

B: Some flowers are both red and blue

Options :

1. ✖ only (A) follows

only (B) follows

2. ✖

both (A) and (B) follows

3. ✖

Neither (A) nor (B) follows

4. ✔

Question Number : 52 Question Id : 54947021863 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

At selling price of Rs 240, a person incurred a loss of 10%. To earn a profit of 10%, what should be the selling price?

Options :

Rs 310

1. ✖

Rs 300

2. ✖

Rs 285.50

3. ✖

Rs 293.33

4. ✓

Question Number : 53 Question Id : 54947021864 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

‘Every woman is white and ‘not every woman is white’ comes under which domain source of opposition

Options :

Contradictory

1. ✓

Contrary

2. ✘

Sub-contrary

3. ✘

Sub alternation

4. ✘

Question Number : 54 Question Id : 54947021865 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Mercury and leads are poisonous substances that contribute to _____

Options :

1. ✘ Noise exposure
2. ✘ Poor air quality
3. ✘ Water contamination
4. ✔ Skill pollution

Question Number : 55 Question Id : 54947021866 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In the binary equivalent of decimal number 48 is 110000, then the binary equivalent of decimal number 51 is given by _____.

Options :

1. ✘ 110010
2. ✔ 11011

110001

3. ✖

110100

4. ✖

Question Number : 56 Question Id : 54947021867 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following represents one billion characters?

Options :

Kilobyte

1. ✖

Megabyte

2. ✖

Gigabyte

3. ✔

Terabyte

4. ✖

Question Number : 57 Question Id : 54947021868 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Python is ____.

Options :

1. ✘ an operating system
2. ✘ an application program
3. ✘ a compiler
4. ✔ a programming language

Question Number : 58 Question Id : 54947021869 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A description in communication process is called ____

Options :

1. ✘ Interaction
2. ✔ Noise

Transgression

3. ✘

Feedback

4. ✘

Question Number : 59 Question Id : 54947021870 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is an example of asynchronous medium?

Options :

Radio

1. ✘

Film

2. ✘

Newspaper

3. ✔

Television

4. ✘

Question Number : 60 Question Id : 54947021871 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following are priority areas in relation to the sustainable development goals?

- A) No poverty
- B) Zero hunger
- C) Reducing Urbanization
- D) Peace, Justice and Strong institutions

Choose the correct answer from the options given below:

Options :

1. ✘ A, B, C

2. ✘ A, C, D

3. ✘ B, C, D

4. ✔ A, B, D

Question Number : 61 Question Id : 54947021872 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is the largest soil group in India?

Options :

1. ✘ Red soil
2. ✘ Black soil
3. ✔ Sandy soil
4. ✘ Mountain soil

Question Number : 62 Question Id : 54947021873 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is not a waterborne disease?

Options :

1. ✘ Typhoid
2. ✘ Hepatitis

3. ✘ Cholera

4. ✔ Dengue

Question Number : 63 Question Id : 54947021874 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Name the clinical trial in which blood is transferred from recovered COVID-19 patients to Corona virus patients who is in critical condition.

Options :

1. ✘ Hydroxychloroquine

2. ✘ Soidarity

3. ✘ Remdesivir

4. ✔ Plasma therapy

Question Number : 64 Question Id : 54947021875 Display Question Number : Yes Is Question Mandatory : No Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The first case of novel coronavirus was identified in

Options :

1. ✘ Beijing
2. ✔ Wuhan
3. ✘ Tianjin
4. ✘ Shanghai

**Question Number : 65 Question Id : 54947021876 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Which of the following sources of energy has maximum potential in India?

Options :

1. ✔ Solar energy

2. ✘ Wind energy

3. ✘ Tidal energy

4. ✘ Ocean thermal energy

Question Number : 66 Question Id : 54947021877 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which one of the following is regarded as an immediate need of an educational organization?

Options :

1. ✔ To ensure self-employment capabilities in the students

2. ✘ To enrich the knowledge of future generation

3. ✘ To focus on Employment opportunities

To make provision of maximum service opportunities

4. ✘

**Question Number : 67 Question Id : 54947021878 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

The scheme “Unnat Bharat Abhiyan” aims to _____.

Options :

Increase number of colleges in India

1. ✘

Increase quality in Higher education

2. ✘

Link higher educational institutions in the country with at least five villages

3. ✔

Increase strength of students in colleges in India

4. ✘

**Question Number : 68 Question Id : 54947021879 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Which one of the following are the goals of Higher education in India?

- A) Access
- B) Equity
- C) Quality and Excellence
- D) Relevance
- E) Value based education
- F) Compulsory and free education

Select the correct answer from the code given below:

Options :

A, B, E and F

1. ✖

A, B, C, D and E

2. ✔

A, B, C, D, E and F

3. ✖

A, B and E

4. ✖

Which of the following is NOT a constitutional body?

Options :

1. ✓ NITI Aayog
2. ✘ Election commission
3. ✘ Finance commission
4. ✘ Union Public Service Commission

Question Number : 70 Question Id : 54947021881 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is ABC as per NEP-2020?

Options :

1. ✓ Academic Bank of Credit

Academic Basic Certificate

2. ✖

Annual Basic Certificate

3. ✖

Annual Bank of Credit

4. ✖

Geology

Section Id :	549470308
Section Number :	2
Mandatory or Optional :	Mandatory
Number of Questions :	70
Section Marks :	70
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Is Section Default? :	null

Question Number : 71 Question Id : 54947021882 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which one of the following has a composition similar to that of the bulk-earth?

Options :

Komatiite

1. ✖

2. ✓ Chondrite

3. ✘ Granite

4. ✘ Gabbro

Question Number : 72 Question Id : 54947021883 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The eutectic intergrowth of orthoclase and quartz, the resultant texture is

Options :

1. ✘ Porphyritic texture

2. ✘ Poikilitic texture

3. ✓ Graphic texture

4. ✘ Rapakivi texture

Question Number : 73 Question Id : 54947021884 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The coordination number of ferric ions in Hematite

Options :

1. ✘ 8

2. ✘ 4

3. ✘ 12

4. ✔ 6

Question Number : 74 Question Id : 54947021885 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Match the following

- | | |
|---------------|----------------------|
| A. Pyrite | 1. HgS |
| B. Barite | 2. BaSO ₄ |
| C. Sphalerite | 3. FeS ₂ |
| D. Cinnabar | 4. ZnS |

Options :

1. ✔ A-3, B-2, C-4, D-1

2. ✖ A-4, B-3, C-2, D-1

3. ✖ A-1, B-2, C-3, D-4

4. ✖ A-2, B-1, C-4, D-3

Question Number : 75 Question Id : 54947021886 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which one of the following is not foliation?

Options :

1. ✖ Cleavage

2. ✖ Lamination

3. ✖ Schistosity

4. ✔ Lineation

Question Number : 76 Question Id : 54947021887 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The discontinuity separating Earth's upper and lower crust is termed as

Options :

1. ✘ Moho
2. ✘ Guttenberg
3. ✘ Lehmann
4. ✔ Conrad

Question Number : 77 Question Id : 54947021888 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is influenced by the Himalayas?

Options :

1. ✘ Tsunami
2. ✘ El nino
3. ✔ Monsoon

4. ✘ Cyclone

Question Number : 78 Question Id : 54947021889 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which phase of orogeny of the Himalayas is major orogeny?

Options :

1. ✘ Late cretaceous –Early Eocene

2. ✘ Late Eocene

3. ✓ Middle miocene

4. ✘ Pliocene –Pleistocene

Question Number : 79 Question Id : 54947021890 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which is the densest amongst the following planets?

Options :

1. ✘ Jupitar

2. ✘ Venus

3. ✘ Uranus

4. ✔ Earth

Question Number : 80 Question Id : 54947021891 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following tectonites are foliation fabric?

Options :

1. ✔ S-Tectonites

2. ✘ L-Tectonites

3. ✘ L-S Tectonites

4. ✘ B-Tectonites

Question Number : 81 Question Id : 54947021892 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Glossopteris and Gangamopteris are plant fossils associated with

Options :

1. ✓ Lower Gondwana formation
2. ✘ Upper Gondwana formation
3. ✘ Cretaceous rocks of tiruchirappalli
4. ✘ Traissic rocks of spiti

Question Number : 82 Question Id : 54947021893 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A zone in Biostratigraphy which contain two or more different taxa may or may not be related

Options :

1. ✘ Linear zone
2. ✓ Assemblage zone
3. ✘ Internal zone

4. ✘ Abundance zone

Question Number : 83 Question Id : 54947021894 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The fossils that are widely distributed in limited period of occurrence

Options :

1. ✔ Index fossils

2. ✘ Trace fossils

3. ✘ Micro fossils

4. ✘ Ichno fossils

Question Number : 84 Question Id : 54947021895 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The amount of dip measured along the strike direction of a vertical bed is

Options :

1. ✘ 45°

2. ✘ 60°

3. ✘ 90°

4. ✔ Zero

Question Number : 85 Question Id : 54947021896 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Fractionation and distribution of isotopes between two phases is not controlled by

Options :

1. ✘ Heat capacity

2. ✘ Internal energy

3. ✘ Entropy

4. ✔ Pressure

Question Number : 86 Question Id : 54947021897 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Particle grain size ranges are defined by

Options :

1. ✘ Richter scale
2. ✔ Wentworth scale
3. ✘ Moh's scale
4. ✘ Urey's scale

Question Number : 87 Question Id : 54947021898 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

East coast bauxites are derived from

Options :

1. ✘ Charnockites
2. ✔ Khondalites
3. ✘ Gondites

4. ✘ Kodurites

Question Number : 88 Question Id : 54947021899 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which one the planet is not terrestrial planet?

Options :

1. ✔ Jupiter

2. ✘ Mercury

3. ✘ Venus

4. ✘ Mars

Question Number : 89 Question Id : 54947021900 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In the soil profile the zone of accumulation is

Options :

1. ✘ A

2. ✘ O

3. ✘ C

4. ✔ B

Question Number : 90 Question Id : 54947021901 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following mineral deposits will be formed by sublimation process?

Options :

1. ✘ Cupper

2. ✘ Halite

3. ✔ Sulphur

4. ✘ Iron

Question Number : 91 Question Id : 54947021902 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The geological formation contain hydrocarbons and also in position to yield is called as

Options :

1. ✓ Reservoir rock
2. ✘ Cap rocks
3. ✘ Source rocks
4. ✘ Source and cap rocks

Question Number : 92 Question Id : 54947021903 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which one of the following is not a glacier deposit?

Options :

1. ✘ Kame
2. ✘ Moraine
3. ✘ Varve
4. ✓ Loess

Question Number : 93 Question Id : 54947021904 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Stabilization of Indian peninsula is marked by

Options :

1. ✖ Volcanic eruption
2. ✖ Horst and graben structure
3. ✔ Emplacement of granitic plutons
4. ✖ Mountain building activity

Question Number : 94 Question Id : 54947021905 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Avalanches are related to

Options :

1. ✖ Tides
2. ✔ Glaciers

3. ✖ Flash floods

4. ✖ Tsunamis

Question Number : 95 Question Id : 54947021906 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which one of the following is a manganese carbonate?

Options :

1. ✔ Rhodocrosite

2. ✖ Ankerite

3. ✖ Pyrolusite

4. ✖ Siderite

Question Number : 96 Question Id : 54947021907 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Remote sensing data can be used to prepare

Options :

1. ✘ Geochemical maps
2. ✔ Geological maps
3. ✘ Gravity anomaly maps
4. ✘ Isopach maps

Question Number : 97 Question Id : 54947021908 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The most suitable for study of paleomagnetism are

Options :

1. ✔ Basalts
2. ✘ Granites
3. ✘ Shales
4. ✘ Lime stones

Question Number : 98 Question Id : 54947021909 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Predominant minerals in the lower mantle

Options :

1. ✘ Olivine + Spinel
2. ✘ Olivine + Garnet
3. ✔ Pyroxenes + Periclase
4. ✘ Olivine + Amphiboles

Question Number : 99 Question Id : 54947021910 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The coldest zone in atmosphere is

Options :

1. ✘ Stratosphere
2. ✔ Mesosphere

3. ✘ Thermosphere

4. ✘ Exosphere

Question Number : 100 Question Id : 54947021911 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The age of Neill formation of Andaman basin is

Options :

1. ✘ Eocene

2. ✔ Pleistocene

3. ✘ Palaeocene

4. ✘ Miocene

Question Number : 101 Question Id : 54947021912 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Panna shale Formation is part of

Options :

1. ✘ Bhandar Group
2. ✘ Semri group
3. ✔ Rewa Group
4. ✘ Kaimur Group

Question Number : 102 Question Id : 54947021913 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Modern birds originated

Options :

1. ✘ 100 million years ago
2. ✘ 200 million years ago
3. ✔ 60 million years ago
4. ✘ 600 million years ago

Question Number : 103 Question Id : 54947021914 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Benioff zone is

Options :

1. ✓ Zone of high seismicity
2. ✘ Zone of high magnetic field
3. ✘ Zone of high gravity field
4. ✘ It is metallic provenance

Question Number : 104 Question Id : 54947021915 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wackes are

Options :

1. ✓ Mud supported carbonate rocks and $> 10\%$ of grains
2. ✘ Grains supported carbonate rocks and $> 10\%$ grains

3. ✘ Rock containing little matrix

4. ✘ Rock containing more matrix

Question Number : 105 Question Id : 54947021916 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which one of the following is not intraplate Volcano?

Options :

1. ✔ Kuril

2. ✘ Hawaii

3. ✘ Iceland

4. ✘ Yellow stone

Question Number : 106 Question Id : 54947021917 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In the strain ellipsoid, tension fractures are parallel to plane contacting

Options :

1. ✘ Greatest and intermediate strain axes
2. ✘ Greatest and least strain axes
3. ✔ Least and intermediate strain axes
4. ✘ Not related with strain axes

Question Number : 107 Question Id : 54947021918 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which is not main component in climatic system?

Options :

1. ✘ Atmosphere
2. ✘ Hydrosphere
3. ✘ Biosphere
4. ✔ Asthenosphere

Question Number : 108 Question Id : 54947021919 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Sittampundi layered complex is

Options :

1. ✘ Basaltic rocks
2. ✔ Gabbroic rocks
3. ✘ Granites
4. ✘ Dolerites

Question Number : 109 Question Id : 54947021920 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Time period of Quaternary age

Options :

1. ✘ 70 to 35 million years
2. ✔ 2.6 million years to present days

3. ✘ 230 to 110 million years

4. ✘ 2500 to 1000 million years

Question Number : 110 Question Id : 54947021921 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The Breakup of super continent starts

Options :

1. ✔ Early Jurassic

2. ✘ Late Cretaceous

3. ✘ Early proterozoic

4. ✘ Middle Triassic

Question Number : 111 Question Id : 54947021922 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the rivers is not East flowing river?

Options :

1. ✘ Godavari
2. ✔ Narmada
3. ✘ Cauvery
4. ✘ Krishna

Question Number : 112 Question Id : 54947021923 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Bronzite is a variety of

Options :

1. ✘ Clinopyroxene
2. ✘ Alkali pyroxene
3. ✔ Orthopyroxene
4. ✘ Alkali amphibole

Question Number : 113 Question Id : 54947021924 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following mineral is framework silicate mineral?

Options :

1. ✘ Augite
2. ✔ Anorthite
3. ✘ Olivine
4. ✘ Pyrope

Question Number : 114 Question Id : 54947021925 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Dendrograptus occurs in

Options :

1. ✘ Jurassic period
2. ✘ Cretaceous
3. ✔ Cambrian and Ordovician

4. ✖ Carboniferous

Question Number : 115 Question Id : 54947021926 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Category-I Petroliferous basins are

Options :

1. ✔ It has good reservoirs and already in production

2. ✖ Contingent reservoir pending commercial production

3. ✖ Prospective reservoir awaiting discovery

4. ✖ Basin with uncertain prospects

Question Number : 116 Question Id : 54947021927 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

During proterozoic era in the atmosphere

Options :

1. ✖ CO₂ is absent
2. ✖ CO₂ gradually increased
3. ✔ CO₂ gradually decreased
4. ✖ CO₂ is increased and nitrogen decreased

Question Number : 117 Question Id : 54947021928 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The process of changes occurred $\leq 250^{\circ}\text{C}$ is

Options :

1. ✖ Cataclstism
2. ✔ Diagenesis
3. ✖ Dynomo thermal metamorphism

Plutonic metamorphism

4. ✖

Question Number : 118 Question Id : 54947021929 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In the orogenic belts direction of force is

Options :

1. ✖ Parallel to the trend of the folds
2. ✔ Perpendicular to the trend of the folds
3. ✖ Inclined to the trend of the fold
4. ✖ Overturned to the trend of the fold

Question Number : 119 Question Id : 54947021930 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In the strike slip fault, the net slip is equal to

Options :

1. ✔ Strike slip

2. ✘ Dip slip

3. ✘ Not equal to strike slip

4. ✘ Diagonal slip

Question Number : 120 Question Id : 54947021931 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the equatorial radius of the earth?

Options :

1. ✘ 6247 Km

2. ✘ 6530 Km

3. ✔ 6371 Km

4. ✘ 6536 Km

Question Number : 121 Question Id : 54947021932 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Normal fault is

Options :

1. ✘ Hanging wall moves up relative to foot wall
2. ✔ Hanging wall moves down relative to foot wall
3. ✘ Both walls will moves up with equal displacement
4. ✘ Both walls will moves down with equal displacement

Question Number : 122 Question Id : 54947021933 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Usage of the energy resource cause minimum impact of natural environment

Options :

1. ✔ Solar energy
2. ✘ Thermal energy

3. ✘ Nuclear energy

4. ✘ Hydrocarbons

Question Number : 123 Question Id : 54947021934 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which one of the following is not a maceral?

Options :

1. ✔ Liptinite

2. ✘ Inertinite

3. ✘ Vitrinite

4. ✘ Aventurine

Question Number : 124 Question Id : 54947021935 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which one of the following element occurs in two oxidation states?

Options :

1. ✘ Lanthanum
2. ✘ Samarium
3. ✔ Cerium
4. ✘ Lutetium

Question Number : 125 Question Id : 54947021936 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Saddle reefs are generally association with

Options :

1. ✘ Faults
2. ✔ Folds
3. ✘ Unconformities
4. ✘ Dykes

Question Number : 126 Question Id : 54947021937 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Chromite deposits of Byrapore, Karnataka are formed by

Options :

1. ✓ Magmatic process
2. ✘ Metamorphic process
3. ✘ Sedimentary metamorphosed
4. ✘ Metasomatic process

Question Number : 127 Question Id : 54947021938 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Quartz is

Options :

1. ✘ Paramagnetic
2. ✘ Ferromagnetic

3. ✓ Diamagnetic

4. ✘ Very feebly magnetic

Question Number : 128 Question Id : 54947021939 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which one of the following is not mass extinction

Options :

1. ✘ End of Ordovician

2. ✘ End of Permian

3. ✘ End of Triassic

4. ✓ End of Carboniferous

Question Number : 129 Question Id : 54947021940 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Desertification of lands are mainly due to

Options :

1. ✓ Scarcity rain fall
2. ✘ Nature of lithology
3. ✘ Nature of soil
4. ✘ Population density

Question Number : 130 Question Id : 54947021941 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The mohr envelope is relation between

Options :

1. ✓ Normal stress and shearing stress
2. ✘ Stress and strain
3. ✘ Compression stress and tensional stress

Greater stress axis and least stress axis

4. ✖

Question Number : 131 Question Id : 54947021942 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

^{147}Sm decays to

Options :

1. ✔ ^{143}Nd

2. ✖ ^{206}Pb

3. ✖ ^{208}Pb

4. ✖ ^{187}Os

Question Number : 132 Question Id : 54947021943 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Rodriguez triple junction is located in

Options :

1. ✖ Atlantic ocean

2. ✓ Indian Ocean

3. ✘ Pacific ocean

4. ✘ Antarctic ocean

Question Number : 133 Question Id : 54947021944 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which one of the following is not a trilobite?

Options :

1. ✘ Calymene

2. ✘ Paradoxides

3. ✘ Olenus

4. ✓ Asterocheras

Question Number : 134 Question Id : 54947021945 Display Question Number : Yes Is Question Mandatory : No Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Siderite/iron meteorites mainly consists of

Options :

1. ✓ Ni and Fe

2. ✗ Cu and Pb

3. ✗ Cu and Zn

4. ✗ Pb and Au

Question Number : 135 Question Id : 54947021946 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Earth's crust is mainly composed of

Options :

1. ✓ Granite and basaltic rocks

2. ✗ Sandstone

3. ✗ Khondalite and charnochite

4. ✘ Limestone

Question Number : 136 Question Id : 54947021947 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The contourites deposits were formed by

Options :

1. ✘ Turbidity current

2. ✔ Contour current

3. ✘ Alongshore current

4. ✘ Offshore current

Question Number : 137 Question Id : 54947021948 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Age of the Subathu Formation is

Options :

1. ✔ Paleocene-Eocene

2. ✘ Permian-Triassic

3. ✘ Cambrian-Ordovician

4. ✘ Jurassic-Cretaceous

Question Number : 138 Question Id : 54947021949 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

High degree of ordered arrangement of atoms in

Options :

1. ✘ Amorphous substance

2. ✔ Crystals

3. ✘ Magmas

4. ✘ Gases

Question Number : 139 Question Id : 54947021950 Display Question Number : Yes Is Question Mandatory : No Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Glaucophane is an index mineral of

Options :

1. ✘ Green-schist facies
2. ✔ Blue-schist facies
3. ✘ Almandine-amphibolite facies
4. ✘ Granulite facies

Question Number : 140 Question Id : 54947021951 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In which metamorphic recrystallization texture consists of granular equidimensional minerals

Options :

1. ✔ Granoblastic
2. ✘ Blastopelitic

3. ✖ palimpsest

4. ✖ Blastoporphyritic