

Question Paper Preview

Notations :

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

Subject Name:	Geology Paper Code HA647
Calculator:	Scientific
Magnifying Glass Required?:	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required?:	No
Rough Sketch/Notepad Required?:	No
Protractor Required?:	No

Display Number Panel:	Yes
Group All Questions:	No

Question Number : 1 Question Id : 10922234934 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Deposition of sediments at river mouths are called

Options :

- ✗ Lakes
- ✗ lagoons
- ✓ deltas
- ✗ coasts

Question Number : 2 Question Id : 10922234935 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Circular coral reefs are called

Options :

- ✗ Fringing reefs
- ✗ spits
- ✗ bars
- ✓ atolls

Question Number : 3 Question Id : 10922234936 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Goniometer is an instrument to measure in a crystal

Options :

- ✓ interfacial angle
- ✗ number of faces

- ✘ axial ratios
- ✘ number of zones

Question Number : 4 Question Id : 10922234937 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Crystal form possessing 48 faces

Options :

- ✘ Trapezohedran
- ✘ Pyritohedran
- ✘ Ceeke
- ✔ Hexaoctahedran

Question Number : 5 Question Id : 10922234938 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pinacod consists of the following of faces

Options :

- ✘ 6
- ✘ 8
- ✘ 4
- ✔ 2

Question Number : 6 Question Id : 10922234939 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Cross - hatched twinning is found in

Options :

- ✘ plagioclase
- ✘ orthoclase
- ✘ quartz
- ✔ microcline

Question Number : 7 Question Id : 10922234940 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Polysynthetic twinning is exhibited by

Options :

- ✘ pyrite
- ✘ quartz
- ✘ pyrolusite
- ✔ plagioclase

Question Number : 8 Question Id : 10922234941 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Hardness of quartz

Options :

- ✘ 5
- ✘ 6
- ✔ 7
- ✘ 8

Question Number : 9 Question Id : 10922234942 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Volcanic equivalent of granite is

Options :

1. ✓ Rhyolite
2. ✗ Diorite
3. ✗ Dolerite
4. ✗ Granodiorite

Question Number : 10 Question Id : 10922234943 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ophitic texture is normally found in

Options :

1. ✗ Granite
2. ✗ Gabbro
3. ✗ Basalt
4. ✓ Dolerite

Question Number : 11 Question Id : 10922234944 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Cassiterite is an important ore mineral of

Options :

1. ✓ tin
2. ✗ copper
3. ✗ Zinc
4. ✗ Lead

Question Number : 12 Question Id : 10922234945 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Malachite is an ore mineral of

Options :

1. ✗ Zinc
2. ✗ silver
3. ✓ copper
4. ✗ iron

Question Number : 13 Question Id : 10922234946 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Monazite is abundantly present in

Options :

1. ✗ Goa
2. ✗ Bihar
3. ✓ Kerala
4. ✗ Rajasthan

Question Number : 14 Question Id : 10922234947 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Diamonds in Kimberlite is a good example of

Options :

1. ✗ injection
2. ✗ late magmatic

3. ✓ dissemination

4. ✗ segregation

Question Number : 15 Question Id : 10922234948 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Best example of magmatic segregation

Options :

1. ✗ copper deposit

2. ✗ bauxite deposit

3. ✓ chromite deposit

4. ✗ manganese deposit

Question Number : 16 Question Id : 10922234949 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The age of Deccan traps is

Options :

1. ✗ Jurassic

2. ✗ lower cretaceous to upper Eocene

3. ✗ middle cretaceous to middle Eocene

4. ✓ upper cretaceous to lower Eocene

Question Number : 17 Question Id : 10922234950 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Malani igneous suite belongs to this age

Options :

1. ✓ pre Cambrian

2. ✗ Triassic

3. ✗ Jurassic

4. ✗ proterozoic

Question Number : 18 Question Id : 10922234951 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Muth quartzites belong to this age

Options :

1. ✗ Permian

2. ✓ Devonian

3. ✗ Cambrian

4. ✗ Ordoixcian

Question Number : 19 Question Id : 10922234952 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Paleontology is the study of

Options :

1. ✗ Earthquakes

2. ✗ Oceans

3. ✗ Glaciers

4. ✓ Fossils

Question Number : 20 Question Id : 10922234953 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the equivalent of Cuddapah super group in North India

Options :

1. ✘ Dharwar`s
2. ✔ Delhi`s
3. ✘ Kurnool`s
4. ✘ Vindhyan`s

Question Number : 21 Question Id : 10922234954 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Suture lines are common in

Options :

1. ✘ Brachiopods
2. ✘ Trilobites
3. ✔ Cephalopods
4. ✘ Echinoids

Question Number : 22 Question Id : 10922234955 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following is not the fossil of gastropoda

Options :

1. ✘ Physa
2. ✔ Turitella
3. ✘ natica
4. ✘ Cardium

Question Number : 23 Question Id : 10922234956 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Petrification is a method of

Options :

1. ✘ rock texture
2. ✔ rock formation
3. ✘ fossilization
4. ✘ sedimentation

Question Number : 24 Question Id : 10922234957 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the reason of Tsunami

Options :

1. ✘ Mid- oceanic ridge
2. ✘ submarine explosion
3. ✘ submarine magnetism
4. ✔ Submarine earthquake

Question Number : 25 Question Id : 10922234958 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following one shows the silky luster

Options :

1. ✘ Kyanite
2. ✔ Asbestos

3. ✘ Steatite
4. ✘ None of the given options

Question Number : 26 Question Id : 10922234959 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following is not the sulphate

Options :

1. ✔ Aragonite
2. ✘ Anhydrite
3. ✘ Barites
4. ✘ Gypsum

Question Number : 27 Question Id : 10922234960 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Psilomelane is also known as

Options :

1. ✘ Rusty ore
2. ✘ peasy ore
3. ✘ silky ore
4. ✔ kidney ore

Question Number : 28 Question Id : 10922234961 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sinkholes are related to

Options :

1. ✘ Sandstone
2. ✔ limestone
3. ✘ shale
4. ✘ quartzite

Question Number : 29 Question Id : 10922234962 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Chemical composition of woliastonite

Options :

1. ✘ CaSO_4
2. ✔ CaSiO_3
3. ✘ CaMgSiO_4
4. ✘ $\text{CaMg}(\text{CO}_3)_2$

Question Number : 30 Question Id : 10922234963 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who proposed the plate tectonic theory

Options :

1. ✘ Lyell
2. ✔ Wegner
3. ✘ Hutton
4. ✘ Bowen

Question Number : 31 Question Id : 10922234964 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Number of faces in dodecahedron are

Options :

1. ✘ 18
2. ✘ 16
3. ✔ 12
4. ✘ 24

Question Number : 32 Question Id : 10922234965 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who proposed the Naction Principle?

Options :

1. ✘ Barth
2. ✘ Eskola
3. ✘ Turner
4. ✔ Bowen

Question Number : 33 Question Id : 10922234966 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Thickness of the continental crust

Options :

1. ✔ 35 km
2. ✘ 5 km
3. ✘ 60 km
4. ✘ 100 km

Question Number : 34 Question Id : 10922234967 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Stalactite is related to

Options :

1. ✘ Leaching
2. ✘ sedimentation
3. ✔ solution activity
4. ✘ mechanical weathering

Question Number : 35 Question Id : 10922234968 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Micraster is

Options :

1. ✘ Foraminifera
2. ✔ Echinoid
3. ✘ Brachiopoda
4. ✘ Trilobite

Question Number : 36 Question Id : 10922234969 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ventifacts are formed by the action of

Options :

1. ✘ glacier
2. ✔ wind

3. ✘ river
4. ✘ ocean

Question Number : 37 Question Id : 10922234970 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following is the volcanic equivalent d- syenite

Options :

1. ✘ Dacite
2. ✔ Trachyte
3. ✘ Rhyolite
4. ✘ Phonolite

Question Number : 38 Question Id : 10922234971 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Graphic texture is also called

Options :

1. ✘ phase texture
2. ✘ Bowen`s texture
3. ✘ Eutectic texture
4. ✔ None of the given options

Question Number : 39 Question Id : 10922234972 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The weathering of basalt results

Options :

1. ✘ red soils
2. ✘ brown soils
3. ✘ black soils
4. ✔ clay soils

Question Number : 40 Question Id : 10922234973 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following is not an igneous intrusive

Options :

1. ✔ bed
2. ✘ dyke
3. ✘ lopolith
4. ✘ sill

Question Number : 41 Question Id : 10922234974 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The principle of facies is introduced by

Options :

1. ✘ Turner
2. ✔ Eskola
3. ✘ Barth
4. ✘ Bowen

Question Number : 42 Question Id : 10922234975 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following is not a mineral found in bauxite

Options :

1. ✘ Diaspore
2. ✘ Boehmite
3. ✔ Corundum
4. ✘ Gibbsite

Question Number : 43 Question Id : 10922234976 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The main source of petroleum is

Options :

1. ✘ limestone
2. ✘ shale
3. ✘ schist
4. ✔ sandstone

Question Number : 44 Question Id : 10922234977 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Well sorted sediments means

Options :

1. ✘ fine sediments
2. ✘ coarse sediments
3. ✔ equigranular sediments
4. ✘ inequigranular sediments

Question Number : 45 Question Id : 10922234978 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Unconformity is a

Options :

1. ✘ over break
2. ✔ low break
3. ✘ major break in sedimentation
4. ✘ over break and low break

Question Number : 46 Question Id : 10922234979 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Horst is a

Options :

1. ✘ rift valley
2. ✘ uplift ridge
3. ✘ slip fault
4. ✔ rift valley and uplift ridge

Question Number : 47 Question Id : 10922234980 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a normal fault, the block goes down is called

Options :

1. ✘ upper wall
2. ✘ bottom wall

3. ✓ hanging wall

4. ✗ foot wall

Question Number : 48 Question Id : 10922234981 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If fold shows a horizontal axial plane, it is called

Options :

1. ✗ horizontal fold

2. ✗ normal fold

3. ✗ refold

4. ✓ recumbent fold

Question Number : 49 Question Id : 10922234982 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

An index fossil has a

Options :

1. ✗ varied fossil species

2. ✗ narrow geological age

3. ✓ wide geological distribution

4. ✗ None of the given options

Question Number : 50 Question Id : 10922234983 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Siwalik rocks are known for

Options :

1. ✓ mammals

2. ✗ brachiopods

3. ✗ plant fossils

4. ✗ reptiles

Question Number : 51 Question Id : 10922234984 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ramagiri in AP is known for

Options :

1. ✓ gold

2. ✗ diamond

3. ✗ uranium

4. ✗ manganese

Question Number : 52 Question Id : 10922234985 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Where gold occurs in Karnataka

Options :

1. ✗ Hutti

2. ✓ Kolar

3. ✗ Chital durg

4. ✗ Hutti and Kolar

Question Number : 53 Question Id : 10922234986 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Type area of cretaceous rocks is

Options :

1. ✘ Thanjavur
2. ✘ Trivandrum
3. ✔ Tiruchirappalli
4. ✘ None of the given options

Question Number : 54 Question Id : 10922234987 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pectoris is a fossil belonging to

Options :

1. ✘ trilobites
2. ✘ gastropoda
3. ✘ brachiopoda
4. ✔ None of the given options

Question Number : 55 Question Id : 10922234988 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which rock is called store house of minerals

Options :

1. ✘ granite
2. ✘ pegmatite
3. ✔ crystalline limestone
4. ✘ None of the given options

Question Number : 56 Question Id : 10922234989 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The hydro thermal deposits in a folded structure result

Options :

1. ✘ vug
2. ✘ core structure
3. ✘ ladder veins
4. ✔ saddle roofs

Question Number : 57 Question Id : 10922234990 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is a carbonate?

Options :

1. ✘ sphalerite
2. ✔ cerrucite
3. ✘ galena
4. ✘ Chalcopyrite

Question Number : 58 Question Id : 10922234991 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following is not a heavy mineral

Options :

1. ✘ Zircon
2. ✘ limonite

3. ✘ Monazite

4. ✔ Enstatite

Question Number : 59 Question Id : 10922234992 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pakhal group is located in

Options :

1. ✘ Bombay

2. ✘ Rajasthan

3. ✔ Godavari Valley

4. ✘ Bombay and Rajasthan

Question Number : 60 Question Id : 10922234993 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following formations are called Azoic?

Options :

1. ✘ Devonian

2. ✘ Proterozoic

3. ✘ Cambrian

4. ✔ Precambrian

Question Number : 61 Question Id : 10922234994 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The angle between fold axis and horizontal plane is called

Options :

1. ✘ strike

2. ✘ dip

3. ✔ plunge

4. ✘ None of the given options

Question Number : 62 Question Id : 10922234995 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is not clastic rock?

Options :

1. ✘ Breccia

2. ✘ Sandstone

3. ✘ Conglomerate

4. ✔ Agglomerate

Question Number : 63 Question Id : 10922234996 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The rocks that are formed on the surface of the earth are

Options :

1. ✘ magmatic rocks

2. ✔ volcanic rocks

3. ✘ hypabyssal rocks

4. ✘ plutonic rocks

Question Number : 64 Question Id : 10922234997 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pot holes are formed due to the action of

Options :

1. ✘ lake
2. ✔ river
3. ✘ glacier
4. ✘ wind

Question Number : 65 Question Id : 10922234998 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is more porous?

Options :

1. ✘ conglomerate
2. ✔ clay stone
3. ✘ grit
4. ✘ sandstone

Question Number : 66 Question Id : 10922234999 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Intensity of earthquake can be measured by

Options :

1. ✔ Richter scale
2. ✘ Epicentre
3. ✘ Tsunami
4. ✘ None of the given options

Question Number : 67 Question Id : 10922235000 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Chemical composition of fluorite

Options :

1. ✘ $CaSO_4$
2. ✘ $CaCO_3$
3. ✔ CaF_2
4. ✘ Al_2O_3

Question Number : 68 Question Id : 10922235001 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Streak of hematite

Options :

1. ✘ green
2. ✘ brown
3. ✘ black
4. ✔ reddish brown

Question Number : 69 Question Id : 10922235002 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Laurasia is part of

Options :

1. ✘ Australia
2. ✘ South America

3. ✓ Northern landmass

4. ✗ Antarctica

Question Number : 70 Question Id : 10922235003 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Inner core consists of

Options :

1. ✗ Sima

2. ✗ na-ca

3. ✓ Fe-ni

4. ✗ sial

Question Number : 71 Question Id : 10922235004 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Circum pacific belt encircles mostly the

Options :

1. ✓ Pacific Ocean

2. ✗ Indian Ocean

3. ✗ Himalayan region

4. ✗ None of the given options

Question Number : 72 Question Id : 10922235005 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Miller indices exhibit

Options :

1. ✓ notations of crystal faces

2. ✗ slopes of crystal faces

3. ✗ crystallographic axes

4. ✗ None of the given options

Question Number : 73 Question Id : 10922235006 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Common twin law of cubic system

Options :

1. ✗ Albite law

2. ✗ Calcite type

3. ✗ Baveno twin

4. ✓ Galena type

Question Number : 74 Question Id : 10922235007 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Thickness of mantle

Options :

1. ✗ 2800 km

2. ✓ 2900 km

3. ✗ 2700 km

4. ✗ 2600km

Question Number : 75 Question Id : 10922235008 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ex foliation is a process of

Options :

1. ✓ physical weathering
2. ✗ chemical weathering
3. ✗ biological reaction
4. ✗ None of the given options

Question Number : 76 Question Id : 10922235009 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Colour is produced in the water by

Options :

1. ✗ Organic matter
2. ✗ Iron content
3. ✓ H₂S
4. ✗ Organic matter and Iron content

Question Number : 77 Question Id : 10922235010 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Acid rocks contain the silica

Options :

1. ✗ < 45%
2. ✗ 45% - 55%
3. ✗ 55% - 65%
4. ✓ > 65%

Question Number : 78 Question Id : 10922235011 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Plutonic rocks occur at a depth of

Options :

1. ✗ shallow
2. ✗ very shallow
3. ✗ deep
4. ✓ very deep

Question Number : 79 Question Id : 10922235012 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Reaction series is discovered by

Options :

1. ✗ Bowen
2. ✗ Tyrrel
3. ✗ Weiss
4. ✓ Miller

Question Number : 80 Question Id : 10922235013 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Example of rudaceous rocks

Options :

1. ✓ sandstone
2. ✗ limestone

- ✘ mudstone
- ✘ breccia

Question Number : 81 Question Id : 10922235014 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A measure of the amount of Calcium and Magnesium dissolved in the water is expressed by

Options :

- ✘ A1 kalinity
- ✘ hardness
- ✘ salinity
- ✔ A1 kalinity and hardness

Question Number : 82 Question Id : 10922235015 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Eclogite is a rock of

Options :

- ✘ high grade metamorphism
- ✘ low grade metamorphism
- ✔ middle grade metamorphism
- ✘ None of the given options

Question Number : 83 Question Id : 10922235016 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

One of the minerals comes under the stress minerals

Options :

- ✔ Olivine
- ✘ Pyroxene
- ✘ Spinal
- ✘ Kyaixte

Question Number : 84 Question Id : 10922235017 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Heave is a part of the fault of the following

Options :

- ✘ Vertical component
- ✘ horizontal component
- ✘ total displacement
- ✔ Vertical component and total displacement

Question Number : 85 Question Id : 10922235018 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Shear joints are formed due to the forces of

Options :

- ✘ Tensional
- ✔ Torsional
- ✘ Compressed
- ✘ Tensional and Compressed

Question Number : 86 Question Id : 10922235019 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Vajrarakarur is famous for

Options :

1. ✘ Dolerite
2. ✘ Kimberlite
3. ✔ Gabbro
4. ✘ All of the given options

Question Number : 87 Question Id : 10922235020 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Watershed is also called

Options :

1. ✘ Catchment area
2. ✔ Drainage area
3. ✘ Drainage basin
4. ✘ All of the given options

Question Number : 88 Question Id : 10922235021 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Offset ridges are associated with

Options :

1. ✔ resistant rock beds
2. ✘ soft rock beds
3. ✘ resistant rock beds and soft rock beds
4. ✘ None of the given options

Question Number : 89 Question Id : 10922235022 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Aravalli hills are located in

Options :

1. ✔ Rajasthan
2. ✘ Assam
3. ✘ Madhya pradesh
4. ✘ Maharastra

Question Number : 90 Question Id : 10922235023 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Photo infrared imagery is very effective for

Options :

1. ✘ temperature differentiation
2. ✘ colour differentiation
3. ✘ soil moisture differentiation
4. ✔ All of the given options

Question Number : 91 Question Id : 10922235024 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Bruton compass is used to measure

Options :

1. ✘ optic axis
2. ✘ strike and dip

- interfacial angle
- schistosity
- interfacial angle
- All of the given options

Question Number : 92 Question Id : 10922235025 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a metamorphism the shale changes to

Options :

- greiss
- schist
- slate
- All of the given options

Question Number : 93 Question Id : 10922235026 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Upper Gondwana rocks are characterized by the flora of

Options :

- Glossopteris
- Ptilophyllum
- Glossopteris and Ptilophyllum
- None of the given options

Question Number : 94 Question Id : 10922235027 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Nellore is famous for occurrence of which deposit

Options :

- Chromite
- Mica
- Copper
- God

Question Number : 95 Question Id : 10922235028 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Nummulitic lime stones occur abundantly in which rocks

Options :

- Eocene
- Miocene
- Pliocene
- Holocene

Question Number : 96 Question Id : 10922235029 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Best example of residual deposits

Options :

- Bauxite
- Gypsum
- Monazite
- pyrite

Question Number : 97 Question Id : 10922235030 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Lignite is also called

Options :

1. ✘ Red coal
2. ✘ Blue coal
3. ✘ Green coal
4. ✔ Brown coal

Question Number : 98 Question Id : 10922235031 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Chemical composing of Pyrolusite

Options :

1. ✘ Mn₂O₃
2. ✘ H₂O
3. ✔ MnO₂
4. ✘ MnO₄

Question Number : 99 Question Id : 10922235032 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Bagh beds are related to

Options :

1. ✔ Marls
2. ✘ sand stones
3. ✘ lime stones
4. ✘ All of the given options

Question Number : 100 Question Id : 10922235033 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Best example of cavity filling deposit

Options :

1. ✘ gold
2. ✔ stibnite
3. ✘ cinnabar
4. ✘ All of the given options

Question Number : 101 Question Id : 10922235034 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Important fossils occur in Triassic of spiti

Options :

1. ✔ Ammonites
2. ✘ Brachiopods
3. ✘ Gasteropods
4. ✘ Trilobites

Question Number : 102 Question Id : 10922235035 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Iron commonly precipitated as

Options :

1. ✘ siderite
2. ✘ goethite

- ✘ hematite
- ✔ All of the given options

Question Number : 103 Question Id : 10922235036 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Where the singhbhum iron ore group is located

Options :

- ✔ Bihar
- ✘ Orissa
- ✘ Madhya Pradesh
- ✘ Maharastra

Question Number : 104 Question Id : 10922235037 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is tin mineral?

Options :

- ✘ sphalarite
- ✘ uraninite
- ✘ cuprite
- ✔ None of the given options

Question Number : 105 Question Id : 10922235038 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Diamond crystallizes in a system of

Options :

- ✔ cubic
- ✘ tetragonal
- ✘ trigonal
- ✘ triclinic

Question Number : 106 Question Id : 10922235039 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is fresh water lake?

Options :

- ✘ The Nal
- ✘ Sambhar lake
- ✔ Kolleru lake
- ✘ Lonar lake

Question Number : 107 Question Id : 10922235040 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The mineral deposit formed by weathering process

Options :

- ✘ Barytes
- ✘ Chlcopyrite
- ✔ Bauxite
- ✘ Hematite

Question Number : 108 Question Id : 10922235041 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Petroleum occurs mainly in the following rock

Options :

1. ✘ Phyllite
2. ✘ Conglomerate
3. ✘ Phosphate
4. ✔ Manganese

Question Number : 109 Question Id : 10922235042 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The deposits formed by bird waste

Options :

1. ✘ silicate
2. ✘ sulphate
3. ✔ Phosphate
4. ✘ Manganese

Question Number : 110 Question Id : 10922235043 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The order of mineral formation is suggested by

Options :

1. ✘ Lyell
2. ✘ J. Hutton
3. ✘ Gold Schmidt
4. ✔ N.L. Bowen

Question Number : 111 Question Id : 10922235044 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The chromite is formed by the process of

Options :

1. ✘ Hydrothermal
2. ✘ Residual concentration
3. ✔ Magmatic concentration
4. ✘ Mechanical concentration

Question Number : 112 Question Id : 10922235045 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Kondapalli is known for

Options :

1. ✘ calcite deposits
2. ✔ chromite deposits
3. ✘ covellite deposits
4. ✘ corundum deposits

Question Number : 113 Question Id : 10922235046 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find out the wrong value of hardness

Options :

1. ✔ Gypsum - 3
2. ✘ Quartz - 7

3. ✘ Diamond - 10

4. ✘ Talc - 1

Question Number : 114 Question Id : 10922235047 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is radioactive mineral?

Options :

1. ✘ Pyrite

2. ✘ Quartz

3. ✔ Uraninite

4. ✘ magnetite

Question Number : 115 Question Id : 10922235048 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Titanium and Lead can be extracted from the following minerals

Options :

1. ✘ Limonite and Hematite

2. ✘ Monazite and Galena

3. ✘ Hematite and Galena

4. ✔ Limonite and Galena

Question Number : 116 Question Id : 10922235049 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Foraminifera species are belonging to the category of

Options :

1. ✔ micro - fossils

2. ✘ mega fossils

3. ✘ plant fossils

4. ✘ None of the given options

Question Number : 117 Question Id : 10922235050 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Best example of early magmatic deposit

Options :

1. ✘ Nickel

2. ✘ chromium

3. ✘ platinum

4. ✔ All of the given options

Question Number : 118 Question Id : 10922235051 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Best example of primary porosity is

Options :

1. ✘ joints

2. ✘ faults

3. ✘ folds

4. ✔ amygdaloidal structure

Question Number : 119 Question Id : 10922235052 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Unconfined aquifer is also known as

Options :

1. ✓ Phreatic aquifer
2. ✗ Confined aquifer
3. ✗ Semi - confined aquifer
4. ✗ Semi - unconfined aquifer

Question Number : 120 Question Id : 10922235053 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sodium hazard is expressed by

Options :

1. ✗ RSC
2. ✗ % Sodium
3. ✓ SAR
4. ✗ EC

Question Number : 121 Question Id : 10922235054 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is connected to faulting?

Options :

1. ✓ intrusion
2. ✗ throw
3. ✗ heave
4. ✗ throw and heave

Question Number : 122 Question Id : 10922235055 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Positive boundary is associated with

Options :

1. ✓ recharge stream
2. ✗ discharge way
3. ✗ non-recharge stream
4. ✗ None of the given options

Question Number : 123 Question Id : 10922235056 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If rock that does not transmit or store any water it is called

Options :

1. ✗ Aquifer
2. ✗ Aquiclude
3. ✗ Aquitard
4. ✓ Aquifrage

Question Number : 124 Question Id : 10922235057 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Porosity is high in one of the following material

Options :

1. ✗ Shale
2. ✗ Sand stone

3. ✘ Lime stone

4. ✔ Clay

Question Number : 125 Question Id : 10922235058 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Electromagnetic spectrum contains

Options :

1. ✘ Six bands

2. ✘ Five bands

3. ✔ Four bands

4. ✘ Three bands

Question Number : 126 Question Id : 10922235059 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

CIPW classification is related to

Options :

1. ✔ sedimentary rocks

2. ✘ metamorphic rocks

3. ✘ igneous rocks

4. ✘ All of the given options

Question Number : 127 Question Id : 10922235060 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Usage of hydrograph is

Options :

1. ✘ Evaporation loss

2. ✘ groundwater loss

3. ✔ runoff

4. ✘ storage capacity determination

Question Number : 128 Question Id : 10922235061 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Satellite systems parameter of two types

Options :

1. ✘ viewing

2. ✘ instrument

3. ✔ viewing and instrument

4. ✘ None of the given options

Question Number : 129 Question Id : 10922235062 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Active micro wave remote sensing provide their own

Options :

1. ✘ Energy of thermal origin

2. ✔ Illumination

3. ✘ backs scattered energy

4. ✘ reflected energy

Question Number : 130 Question Id : 10922235063 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Darcy`s law is an example of

Options :

1. ✘ mathematic model
2. ✘ analytical model
3. ✘ scale model
4. ✔ viscous fluid model

Question Number : 131 Question Id : 10922235064 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sand dunes are formed by the action of

Options :

1. ✘ ice
2. ✔ water
3. ✘ wind
4. ✘ All of the given options

Question Number : 132 Question Id : 10922235065 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following method is used for ground water exploration

Options :

1. ✔ electrical
2. ✘ gravity
3. ✘ magnetic
4. ✘ None of the given options

Question Number : 133 Question Id : 10922235066 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pumping test is used for estimation of the following

Options :

1. ✘ transmissivity
2. ✘ storage co efficient
3. ✔ transmissivity and storage co efficient
4. ✘ None of the given options

Question Number : 134 Question Id : 10922235067 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The capacity of the rock to transmit water is called

Options :

1. ✘ porosity
2. ✔ permeability
3. ✘ durability
4. ✘ None of the given options

Question Number : 135 Question Id : 10922235068 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the highest desirable limit of total dissolvable solids (TDS) in the drinking water

Options :

1. ✔ 500 mg/l
2. ✘ 1000 mg/l

3. ✘ 1500 mg/l

4. ✘ 2000 mg/l

Question Number : 136 Question Id : 10922235069 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A tunnel that functions as a part of pipeline and carries water under pressure is called

Options :

1. ✘ water pressure

2. ✘ hydro pressure

3. ✔ pressure tunnel

4. ✘ None of the given options

Question Number : 137 Question Id : 10922235070 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Radar is the example of

Options :

1. ✘ active sensor

2. ✘ passive sensor

3. ✔ active sensor and passive sensor

4. ✘ None of the given options

Question Number : 138 Question Id : 10922235071 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

MSS is

Options :

1. ✘ multi satellite system

2. ✘ multi spectral satellite

3. ✔ multi satellite scanner

4. ✘ multi spectral scanner

Question Number : 139 Question Id : 10922235072 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Natural levee is an example of

Options :

1. ✘ flood basin deposit

2. ✘ flood plain deposit

3. ✔ channel fill deposit

4. ✘ point bar deposit

Question Number : 140 Question Id : 10922235073 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If the colour of gossan is red and brown, it indicates the presence of

Options :

1. ✔ limonite

2. ✘ graphite

3. ✘ copper

4. ✘ None of the given options

Question Number : 141 Question Id : 10922235074 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

According to isostasy, a region of lower density shows

Options :

1. ✘ no anomaly
2. ✘ positive anomaly
3. ✘ zero anomaly
4. ✔ negative anomaly

Question Number : 142 Question Id : 10922235075 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Mesozoic group existed about the age of

Options :

1. ✔ 150 my
2. ✘ 120 my
3. ✘ 160 my
4. ✘ 280 my

Question Number : 143 Question Id : 10922235076 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The chief coal bearing stage of the lower Gondwana is

Options :

1. ✘ Jabalpur
2. ✔ Talchir
3. ✘ Mahadera
4. ✘ Rajmahal

Question Number : 144 Question Id : 10922235077 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Electrical profiling method is used to locate

Options :

1. ✔ horizontal discontinuities
2. ✘ vertical discontinuities
3. ✘ horizontal discontinuities and vertical discontinuities
4. ✘ None of the given options

Question Number : 145 Question Id : 10922235078 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The skeleton of graptolites is known as

Options :

1. ✘ Sicerla
2. ✘ Nema
3. ✘ Stock
4. ✔ Rhabdosome

Question Number : 146 Question Id : 10922235079 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Bedding planes in chemical reservoir rocks act as

Options :

1. ✔ secondary porosity
2. ✘ primary porosity

3. ✘ induced porosity
4. ✘ None of the given options

Question Number : 147 Question Id : 10922235080 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Arkose is a sand stone with grain size of

Options :

1. ✘ Fine
2. ✔ Coarse
3. ✘ Medium
4. ✘ None of the given options

Question Number : 148 Question Id : 10922235081 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In isoclinal folds, limbs are in a direction

Options :

1. ✘ inclined
2. ✔ vertical
3. ✘ parallel
4. ✘ horizontal

Question Number : 149 Question Id : 10922235082 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Unfossiliferous formations occur in a system

Options :

1. ✘ Tertiary
2. ✘ Palaeozoic
3. ✘ Mesozoic
4. ✔ Archaean

Question Number : 150 Question Id : 10922235083 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Vindhyan of south India

Options :

1. ✘ Cuddapah group
2. ✘ Alwar group
3. ✔ Kaling group
4. ✘ Kurnool group