

- Q1.** Which one of the following states has higher potentials for solar energy? **1 Mark**
A Odisha B Tamil Nadu C Kerala D Rajasthan
- Q2.** Which of the following resources is non-renewable but can be recycled? **1 Mark**
A Coal B Water C Wood D Iron
- Q3.** Oceanic tides are _____. **1 Mark**
A Potential resource B Actual resource C Personal resource D None of these
- Q4.** Biotic resources are those obtained from the _____. **1 Mark**
A Time B Biosphere C Water D Wind
- Q5.** Of the entire water resources of the world, what is the percentage of freshwater?
A 2.5 per cent B 5 per cent C 8 per cent D 1 per cent
- Q6.** An example of a biotic resource is _____.
A Mineral oil B Human beings C Iron D Gold
- Q7.** How can we conserve resources?
A Allow illegal mining. B Invent new technologies.
C Give resources time to get renewed. D Allow industries to demolish forests.
- Q8.** Which is not a correct option for thermo-electric solar power system?
A Tower type solar plant B Concentrator collector solar plant
C Flat plate collector solar plant D Photo-voltaic solar plant
- Q9.** Foundation for Revitalization of Local Health and Traditions (FRLHT) is an NGO actively engaged in conservation of _____.
A Animals in Tamil Nadu B Medicinal plants in Tamil Nadu
C Water conservation D Birds conservation
- Q10.** In the world, India tops in the production of:
A Manganese B Uranium C Nickel D Mica
- Q11.** Which place in Tamil Nadu is utilizing wind energy to a great extent?
A Kalpakkam B Nellore C Tuticorin D Nagercoil
- Q12.** About how much percent of the world's land area is tropical rainforest? **1 Mark**
A 15% B 10% C 7% D 2%
- Q13.** On the basis of their continued availability, resources are classified as _____. **1 Mark**
A Renewable and non-renewable resources B Potential and actual resources
C Metallic and non-metallic resources D None of these
- Q14.** Atmosphere maintain the temperature of earth because: **1 Mark**
A It contains water vapor. B It hold air, which is bad conductor of heat.
C It reflects the heat rays. D It absorbs the heat rays.
- Q15.** Plants that can tolerate considerable changes in moisture conditions are called: **1 Mark**
A Tropophytes B Hygrophytes C Mesophytes D Xerophytes
- Q16.** Which of the following Resources can be classified on the basis of Exhaustibility? **1 Mark**

- A** Renewable and Non- renewable
C Both
- B** Biotic and Abiotic
D None of the above
- Q17.** Sustainable development means: **1 Mark**
- A** Carefully utilizing resources
C Taking care of future generations
- B** Meeting the requirement of the present
D All of the above
- Q18.** From the given list of options, which one can be considered as an example of a Natural Resource? **1 Mark**
- A** Railway Tracks. **B** Bridges. **C** Sunlight. **D** Roads.
- Q19.** Which of these is an example of sustainable development? **1 Mark**
- A** Ignoring the lights when they are switched on but not required.
C Using coal and petroleum deposits at a fast pace.
- B** Not wasting paper.
D None of these.
- Q20.** A common example of an individual-owned and a community-owned resource is _____. **1 Mark**
- A** River **B** Sea **C** Lake **D** Pond
- Q21.** The EEZ (Exclusive Economic Zone) of India is upto _____.
A 12 miles **B** 200 nautical miles **C** 140 km **D** None of these
- Q22.** At maximum power point of the solar cell:
- A** Both voltage and current are maximum
C The product of voltage and current is maximum
- B** Voltage is maximum
D Current is maximum
- Q23.** Balancing the need to use resources and conserving them for the future is called:
- A** Resource Utilisation
C Sustainable Development
- B** Resource planning
D Resource Conservation
- Q24.** Which of these is not an example of sustainable development?
- A** Illegal mining.
C Conserve the diversity of the earth.
- B** Balancing use of resources.
D Let wild animals remain in their natural habitat.
- Q25.** Technology is an example of:
- A** Natural resources **B** Human made resources **C** Both (a) and (b) **D** None of these
- Q26.** In which of the following forest, the maximum number of species occur?
- A** Coniferous forest **B** Deciduous forest **C** Equatorial forest **D** Mangrove forest
- Q27.** Which is a renewable resource?
- A** Water **B** Coal **C** Fuels **D** Minerals
- Q28.** In sunlight _____ hits the panel of solar cells: **1 Mark**
- A** Dust **B** Photons **C** Electrons **D** Protons
- Q29.** The angle at which a PV panel is installed from the horizontal affects its output. The ideal angle from horizontal surface is: **1 Mark**
- A** 10° **B** 30° to 45° **C** 55° **D** 60°
- Q30.** Which of the following combinations is wrong? **1 Mark**
- A** Petroleum - Bombay High, Basein, Digboi, Ankleshwar.
C Manganese - Orissa.
- B** Cement - Katni, Lakheri, Jabalpur, Guntur.
D Uranium - Bihar.
- Q31.** How do you implement exclusive rights over an invention? **1 Mark**
- A** By patenting it.
C By selling it to government authorities.
- B** By selling it to any company.
D Not revealing it.

- Q32.** Resources are distributed unequally over the earth because of: **1 Mark**
A The different natural conditions **B** Level of development
C Technological levels **D** All of these
- Q33.** The Machinery and vehicles are examples of _____. **1 Mark**
A Human-made resources. **B** Human resources.
C Sustainable development. **D** Conservative Resources.
- Q34.** Which of the following is a non-renewable resource? **1 Mark**
A Solar energy. **B** Water. **C** Soil. **D** Natural gas.
- Q35.** Typical solar cell efficiency is: **1 Mark**
A Less than 5% **B** 12% to 25% **C** 30% to 40 **D** More than 50%Less
- Q36.** The types of resources on basis of stock are: **1 Mark**
A Ubiquitous and localised. **B** Actual and potential.
C Renewable and non-renewable. **D** Abiotic and biotic.
- Q37.** State whether the following statement is True or False.
 A resource always has the same economic value.
- Q38.** Electricity generating is the main application of solar cells which is generated from _____.
A Water **B** Sunlight **C** Wind **D** Biomass
- Q39.** In which country most intensive farming is being practiced?
A Japan **B** India **C** China **D** Indonesia
- Q40.** Which of the following oilfields is situated in the North-eastern region of India?
A Digboi **B** Ankaleshwar **C** Kalol **D** Mehsana
- Q41.** Which type of solar cell gives the highest efficiency?
A Mono crystalline **B** Polycrystalline germanium
C Thin film **D** Polycrystalline silicon
- Q42.** An example of a renewable source of energy is:
A Petrol **B** Natural gas **C** Biogas **D** All of these
- Q43.** Petroleum found in the West Asian areas is a good example of _____.
A Renewable Resources. **B** Actual Resources. **C** Human made Resources. **D** Potential Resources.
- Q44.** Hardwood trees like mahogany and ebony are found in: **1 Mark**
A Coniferous forest **B** Deciduous forest **C** Equatorial forest **D** Mangrove forest
- Q45.** The principle of operation of solar cell is _____ effect: **1 Mark**
A Thermoelectric **B** Photovoltaic **C** Piezoelectric **D** Skin
- Q46.** Environmental resources include _____. **1 Mark**
A Electricity **B** Books **C** Soil **D** Television
- Q47.** True Or False. **1 Mark**
 Natural gas is a non-renewable resource.
- Q48.** Natural vegetation of an area needs to be preserved for the future mainly for the purpose of: **1 Mark**
A Providing material for breeding new species **B** Providing habitat for birds
C Preventing soil erosion **D** Study by scientists

- Q49.** Which of the following is a commonly used material in solar cells? 1 Mark
A Aluminium **B** Germanium **C** Silicon **D** Copper
- Q50.** Resources that are found everywhere are called _____. 1 Mark
A Localized resources **B** Ubiquitous resources **C** Biotic resources **D** Abiotic resources
- Q51.** Resources created by human beings are called _____. 1 Mark
A Natural Resource. **B** Useful Resource. **C** Industrial Resource. **D** Man Made Resource.
- Q52.** Balancing the needs to use resources and also conserve them for future generations is called: 1 Mark
A Development. **B** Devaluation.
C Sustainable development. **D** All of these.
- Q53.** When natural substances change form to become resources, they are called: 1 Mark
A Renewable resources. **B** Non – renewable resources.
C Human – made resources. **D** Conservative Resources.
- Q54.** Find any one among the following which is considered as an important factor that can change substances into resources.
A Technology. **B** Stock. **C** Distribution. **D** Origin.
- Q55.** Which of the following resources is an abiotic resource?
A Fisheries **B** Cattle **C** Rocks **D** Poultry
- Q56.** State whether the following statement is True or False.
 Resources need to be conserved for the future generations.
- Q57.** Processed food is an example of:
A Natural resources **B** Human – made resources.
C Resources in stock. **D** Non-renewable resources.
- Q58.** Give an example of biotic resources.
A Rocks. **B** Minerals. **C** Soils. **D** Animals.
- Q59.** Which of the following basic resource is not required for agriculture?
A Wind **B** Land **C** Soil **D** Water
- Q60.** **Assertion (A):** Time and technology are two important factors that can change substances into resources
Reason (R): Time and technology are related to the needs of the people. People themselves are the most important resource
A A is correct but R is wrong **B** Both A and R are true and R is the correct explanation of A.
C Both A and R are true but R is not the correct explanation of A. **D** A is wrong but R is correct
- Q61.** Which of the following resource can be use with the help of existing technical know- how? 1 Mark
A Renewable Resources **B** Stocks **C** Reserves **D** None of the above
- Q62.** Which of the following facts is correct? 1 Mark
A Technology is a natural resource. **B** Solar energy is a non-renewable source of energy.
C Wind energy is regarded as an actual resource. **D** Wind is a localised resource.
- Q63.** All the things which are composed of non living thing are called.....: 1 Mark
A Abiotic resources **B** Biotic resources **C** Renewable resources **D** Community resources
- Q64.** **Assertion (A):** People were suffering and roaming around desperately looking for food and shade. 1 Mark

Reason (R): Mona had a nightmare. She dreamt that all the water on the earth had dried up and all the trees cut down.

A A is correct but R is wrong

C Both A and R are true and R is the correct explanation of A.

B A is wrong but R is correct

D Both A and R are true but R is not the correct explanation of A.

Q65. Assertion (A): the children and their friends made packets and shopping bags out of old newspapers, discarded clothes and baskets from bamboo sticks and gave few to every family they know. **1 Mark**

Reason (R): to save the resources and to keep the earth alive

A A is correct but R is wrong

C Both A and R are true and R is the correct explanation of A.

B A is wrong but R is correct

D Both A and R are true but R is not the correct explanation of A.

Q66. Which of the following is not a natural resource?

1 Mark

A Minerals

B Land

C Water

D Electricity

Q67. Which of the following is an example of renewable Resources?

A Solar energy.

B Cutting of trees.

C Diesel usage.

D Killing animals.

Q68. Which one of the following is not in favour of conservation of nature?

A Switch off the bulb when not in use

B Close the tap immediately after using

C Plastic polypacks after shopping

D All of these

Q69. Which of the following Resources can be classified on the basis of origin?

A Biotic and Abiotic

B Renewable and Non-renewable

C National and international

D Potential and Developed stocks

Q70. The number and ability of people is usually referred as:

A Human resources.

B Stock of resources

C Natural resources.

D Renewable resources.

Q71. Which one amongst the following is the oldest refinery in India?

A Mathura

B Digboi

C Haldia

D Koyali

Q72. Following are the most common solar cell types using silicon semiconductor material (Si), except:

A Tetra-crystalline Si cells

B Polycrystalline Si cells

C Mono-crystalline Si cells

D Amorphous Si cells

Q73. The resources which can be used directly without any modification are called _____

A Non-renewable resources.

B Natural resources.

C Sustainable resources.

D Both B and C.

Q74. The electricity can be produced by solar power, which is a good ____ source:

1 Mark

A Commercial

B Economical

C Commercial and economical

D Neither commercial nor economical

Q75. Which of the following is not a natural resource?

1 Mark

A Air

B Water

C Building

D Soil

Q76. Name the term that can collectively refer to consist of all living and nonliving things that surround an organism. **1 Mark**

A Environment.

B Stock.

C Value.

D Resource.

Q77. Assertion (A): In Human Made Resources sometimes natural substances become resources **1 Mark**

Reason (R): When natural resources original form has been kept same, natural substances become resources.

A A is correct but R is wrong

C Both A and R are true and R is the correct explanation of A.

B A is wrong but R is correct

D Both A and R are true but R is not the correct explanation of A.

- Q78.** Which of the following statements is/ are correct about Smelting? **1 Mark**
- A** Smelting is the process in which metals are extracted from their ores by cooling below the boiling point. **B** Smelting is the process in which metals are extracted from their ores by heating beyond the melting point.
- C** Smelting is the process of producing refined goods. **D** Smelting is the major process used in Nuclear Reactors.
- Q79.** A substance or object becomes resource because of its: **1 Mark**
- A** Features. **B** Utility. **C** Prices. **D** Renewability.
- Q80.** Which of the following is a product of pastoral resource? **1 Mark**
- A** Milk **B** Meat **C** Wool **D** All of these
- Q81.** Tick the correct answer. **1 Mark**
Which one of the following does NOT make substance a resource?
- A** utility **B** value **C** quantity
- Q82.** India started the use of non-conventional energy sources in ____: **1 Mark**
- A** 1940 **B** 1950 **C** 1960 **D** 1970
- Q83.** What are the plants of tropical and subtropical regions called? **1 Mark**
- A** Mesotherms **B** Microtherms **C** Vegatherms **D** Hekhsotherms
- Q84.** Trees in tropical deciduous forests shed their leaves in the: **1 Mark**
- A** Dry season **B** Wet season **C** Hot season **D** Cold season
- Q85.** The wise use of the earth's resources by humanity is called _____. **1 Mark**
- A** Conservation of natural resources **B** Utilisation of natural resources
C Exploiting natural resources **D** All of these
- Q86.** The base of power generating systems is ____: **1 Mark**
- A** Biomass gasification **B** Coal gasification **C** Solar energy **D** Wind energy
- Q87.** Ruhr region which has rich deposits of coal is a part of which country? **1 Mark**
- A** Russia **B** Germany **C** India **D** America
- Q88.** Sal and teak trees are commonly found in: **1 Mark**
- A** Savanna forest **B** Monsoon forest **C** Equatorial forest **D** Mangrove forest
- Q89.** Which of these does not have economic worth but is valuable? **1 Mark**
- A** Shoes. **B** Mountains. **C** Coal. **D** None of these.
- Q90.** Natural gas is a: **1 Mark**
- A** Renewable resource **B** Non-renewable resource **C** Biotic resource **D** Ubiquitous resource
- Q91.** Which of the following describes the common property resource? **1 Mark**
- A** Forests owned by the state **B** Pastures, grazing land used by community
C Woodlots, orchards used by cooperatives **D** Fruit orchards, grassland owned by individual
- Q92.** We can recharge the portable devices by ____: **1 Mark**
- A** Solar photovoltaic cells **B** Solar panels
C Solar batteries **D** Solar dishes
- Q93.** Which of the following is an example of Human Resources? **1 Mark**

A Forests. **B** Latest Technologies. **C** People. **D** Animals & Birds.

- Q94.** The ocean resources beyond 200 nautical miles are classified under which zone? 1 Mark
A Exclusive Economic Zone **B** National Oceanic Zone
C Special Economic Zone **D** International Resources zone
- Q95.** Which one of the following is a human made resource? 1 Mark
A Medicines to treat cancer. **B** Spring water.
C Tropical forest.
- Q96.** Which of the following are examples of community owned resources? 1 Mark
A Solar **B** Village **C** Water resources **D** Political resources
- Q97.** An example of resource without value is _____. 1 Mark
A Iron **B** Cotton **C** Grass **D** Man
- Q98.** Nitrogen fixation can be done by:
A Industries. **B** Rhizobium. **C** Lightening. **D** All of the above.
- Q99.** Parks, pond and playgrounds are the examples of which of the following resources?
A Personal resources **B** Actual resources **C** Potential resources **D** Community resources
- Q100.** **Assertion (A):** We will give a few to every family we know
Reason (R): "To save our resources and to keep our earth alive".
A A is correct but R is wrong **B** Both A and R are true and R is the correct explanation of A.
C Both A and R are true but R is not the correct explanation of A. **D** A is wrong but R is correct
- Q101.** Tropical forests are an example of:
A Natural resources. **B** Conservative resources.
C Man – made resources. **D** Non-renewable resources.
- Q102.** **Assertion (A):** Resources could become economically valuable.
Reason (R): if resources are patented and sold by a medical firm tomorrow.
A A is correct but R is wrong **B** Both A and R are true and R is the correct explanation of A.
C Both A and R are true but R is not the correct explanation of A. **D** A is wrong but R is correct
- Q103.** State whether the following statement is True or False.
A farmer is a human resource.
- Q104.** True Or False. 1 Mark
All resources have same value.
- Q105.** Which one of the following does not make substance a resource ? 1 Mark
A Utility **B** Quantity **C** Quality **D** None of these
- Q106.** Where is the biggest reserve of mica? 1 Mark
A In South Africa **B** In India **C** In USA **D** In Australia
- Q107.** Which of the following options is incorrect? Resources can be classified. 1 Mark
A On the basis of origin **B** On the basis of shape
C On the basis of ownership **D** On the basis of exhaustibility

- Q108.** The region where all of the light from the source is blocked is called: **1 Mark**
A Antumbra **B** Shadow **C** Umbra **D** Penumbra
- Q109.** Rocks and metals are _____ resources. **1 Mark**
A Abiotic **B** Biotic **C** Renewable **D** All of the above
- Q110.** Thick stems and thorny wax-coated leaves are commonly found in: **1 Mark**
A Flood plains **B** Deserts **C** Deciduous forest **D** River banks
- Q111.** Which of these is not a resource? **1 Mark**
A The indian prime minister. **B** Your geography book.
C A small piece of paper. **D** None of these.
- Q112.** ____ can turn a human being into a resource. **1 Mark**
A Money **B** Property **C** Wealth **D** Education
- Q113.** Which one of the following is the main cause of land degradation in Punjab?
A Intensive cultivation **B** Deforestation **C** Over irrigation **D** Overgrazing
- Q114.** Resources drawn from nature and used without much modification are called:
A Human made resources. **B** Natural resources correct.
C Cultural resources. **D** None of these.
- Q115.** Dark soils of the Deccan plateau in Maharashtra is a good example of _____.
A Renewable Resources. **B** Actual Resources. **C** Potential Resources. **D** Human made Resources.
- Q116.** Rubber plantations are found in:
A Pampas **B** Equatorial forest region
C Steppe forest regions **D** Temperate forest region
- Q117.** Actual and potential resources are classified on the basis of their:
A Origin **B** Development **C** Availability **D** Distribution
- Q118.** The resources which take millions of years to get renewed are:
A Renewable resources. **B** Non-renewable resources.
C Solar power. **D** Human resources.
- Q119.** Efficiency of practically used solar cell is approximately:
A 25% **B** 15% **C** 40% **D** 60%
- Q120.** The example of human-made resources are:
A Wind energy. **B** Coal. **C** Buildings. **D** Jungles.
- Q121.** Which of these have some utility? **1 Mark**
A Water. **B** Electricity. **C** Vegetables. **D** All of these.
- Q122.** The minimum forest cover to maintain ecological balance is: **1 Mark**
A 33% **B** 25% **C** 40% **D** 50%
- Q123.** The number of resources available for use are called: **1 Mark**
A Conservative resources. **B** Stock of resources. **C** Sustainable resources. **D** Man-made resources.
- Q124.** The special composition of the solar cells allows the electrons to flow in ____: **1 Mark**
A Opposite direction **B** Multiple directions **C** Single direction **D** Random direction
- Q125.** Sustainable Development is: **1 Mark**

- A** A right Balance between use of resources and conservation of resources. **B** Allow the resources to be renewed.
C Promote recycling of technological devices. **D** Allow clearing of forests to construct apartments.

Q126. In what type of soil are the Coniferous forest regions well developed? **1 Mark**

- A** Red soils **B** Podzol soils **C** Laterite soils **D** Chernozem soils

Q127. Which of the following is not a natural resource? **1 Mark**

- A** Coal **B** Sea **C** Technology **D** Forests

Q128. Which of the following countries in Africa has luxurious tropical rain forests? **1 Mark**

- A** Union of South Africa **B** Ivory coast **C** Kenya **D** Zimbabwe

Q129. India is utilizing Solar energy through _____. **1 Mark**

- A** Photovoltaic route **B** Photometric route **C** Photo power **D** Photosynthesis

Q130. True Or False.
Value means worth.

Q131. **Assertion (A):** People themselves are the most important resource.
Reason (R): People get ideas, knowledge, inventions and discoveries that lead to the creation of more resources.

- A** A is correct but R is wrong **B** Both A and R are true and R is the correct explanation of A.
C Both A and R are true but R is not the correct explanation of A. **D** A is wrong but R is correct

Q132. Improving the quality of human lives is an example of:

- A** Stock of resources. **B** Human resources.
C Sustainable development. **D** Utility.

Q133. The rich deposit of coal in Ruhr region of which country.

- A** India. **B** France. **C** Germany. **D** U.S.A

Q134. Name two factors that can change substances into resources?

- A** Machine and Raw material **B** Minerals and forests
C Time and technology **D** None of the above

Q135. Which one of the following is not a ubiquitous resource?

- A** Air **B** Coal **C** Land **D** Water

Q136. State whether the following statement is True or False. **1 Mark**
Sustainable development is a way to use resources carefully as well as saving them for future.

Q137. State whether the following statement is True or False. **1 Mark**
We should waste water since it is a renewable resource and we do not need to be careful in its use.

Q138. Natural resources are the basis of life on _____. **1 Mark**

- A** Mars **B** Mercury **C** Earth **D** None of these

Q139. In which of the following states black soil is predominantly found? **1 Mark**

- A** Jammu and Kashmir **B** Maharashtra **C** Rajasthan **D** Jharkhand

Q140. What kind of resource is iron ore? **1 Mark**

- A** Renewable **B** Localized **C** Biotic **D** Potential

- Q141.** In which one of the following states is terrace cultivation practised?
A Punjab **B** Plains of Uttar Pradesh **C** Haryana **D** Uttarakhand **1 Mark**
- Q142.** Power is generated from _____ in Timarpur:
A Urban waste **B** Solar energy **C** Hydropower **D** Wind energy **1 Mark**
- Q143.** Resources can be conserved by:
A Reusing **B** Recycling **C** Reduced using **D** All of these **1 Mark**
- Q144.** All the resources which are composed of Non- Living things are called.....:
A Renewable resources **B** Biotic resources **C** Abiotic resources **D** None of the above **1 Mark**
- Q145.** State whether the following statement is True or False.
 With respect to electricity, water was a potential resource until few years back. **1 Mark**
- Q146.** Which of the following statements is/ are not correct about minerals? **1 Mark**
A They are created by natural processes. **B** They have a definite chemical composition.
C They are inexhaustible. **D** Their distribution is uneven.
- Q147.** Plants that lack true roots, stems, and leaves are called?
A Xerophytes **B** Hydrophytes **C** Epiphytes **D** Thallophytes
- Q148.** The greatest diversity of animals and species occur in:
A Deserts and Savannas **B** Temperate deciduous forests
C Heavily polluted rivers **D** Tropical moist forest
- Q149.** The resources whose quantities are known, named as:
A Potential resources. **B** Actual resources. **C** Stock. **D** All of these.
- Q150.** Which of the following resource can be renewed or reproduced by physical, chemical or mechanical processes?
A Wildlife **B** Wind energy **C** Solar **D** All of the above
- Q151.** Tick the correct answer.
 Which one of the following is a human made resource?
A medicines to treat cancer **B** spring water
C tropical forests
- Q152.** Which of the regions in India does not produce Natural gas?
A Krishna Godavari delta. **B** Jaisalmer in Rajasthan. **C** Digboi in Assam. **D** b and c both.
- Q153.** The example of non-renewable resources are:
A Petrol and Gases. **B** Solar Energy. **C** Wind Energy. **D** Tidal Energy.
- Q154.** True Or False. **1 Mark**
 All natural sources of energy are renewable.
- Q155.** True Or False. **1 Mark**
 Coal, petroleum and natural gas are some examples renewable resources.
- Q156.** True Or False. **1 Mark**
 High speed winds were a potential resource two hundred years ago.
- Q157.** The organic waste is decomposed by bacteria in bio-gas digesters to emit biogas, which is essentially a mixture of? **1 Mark**
A Methane and Ethane. **B** Methane and Oxygen.
C Methane and Hydrogen. **D** Methane and Carbon Dioxide.

- Q158.** Resources that are found everywhere like the air we breathe is known as: 1 Mark
A Localised resources **B** Renewable resources
C Ubiquitous resources **D** Abiotic resources
- Q159.** Which one of the following is a correct solar collector or concentrator? 1 Mark
A Parabolic trough type without line focusing **B** Heliostats with centre receiver focusing
C Fresnel lens without centre focusing **D** Flat plate type with focusing
- Q160.** Which one of the following is a principle of Sustainable Development? 1 Mark
A Balance between use and conservation of resources. **B** Cut the trees.
C Use vehicles that cause pollution. **D** Allow industries to carry on illegal mining.
- Q161.** In a society, human beings are _____. 1 Mark
A Interdependent **B** Dependent **C** Independent **D** Isolated
- Q162.** -Resources which are found in a region, but have not been utilised are called.....:
A Developed resources **B** Potential resources **C** Stock resources **D** International resources
- Q163.** Which one of the following is not a "Value"?
A Aesthetic Value. **B** Economic Value. **C** Artistic Value. **D** Ethical Value.
- Q164.** Resources used carefully and giving them time to get renewed is called:
A Resource depletion. **B** Resource conservationcorrect.
C Resource pollution. **D** None of these.
- Q165.** Which among the following is a man made resource?
A Sunlight **B** Coal **C** Technology **D** None of the above
- Q166.** Which one among the following is not a non-renewable resource?
A Coal **B** Petroleum **C** Solar energy **D** Natural Gas
- Q167.** **Assertion (A):** Improving the quality of people's skills so that they are able to create more resources is known as human resource development
Reason (R): Education and health help in making people a valuable resource and People are human resources
A A is correct but R is wrong **B** A is wrong but R is correct
C Both A and R are true and R is the correct explanation of A. **D** Both A and R are true but R is not the correct explanation of A.
- Q168.** Under which of the following type of resource tidal energy cannot be put?
A Replenishable **B** Human-made **C** Abiotic **D** Non-recyclable
- Q169.** Equatorial forest of the Amazon basin is known as: 1 Mark
A Selvas **B** Lianos **C** Pampas **D** Campos
- Q170.** Which of these have economic value? 1 Mark
A Landscape. **B** Home remedies. **C** Metals. **D** None of these.
- Q171.** The amount of resources available for use are called: 1 Mark
A Conservative resources. **B** Stock of resources. **C** Sustainable resources. **D** Man-made resources.
- Q172.** Select the Non-conventional energy sources from the following: 1 Mark
A Renewable **B** Non-renewable
C Produced from electricity **D** Produced from heat
- Q173.** The basis of classification of resources are: 1 Mark

- A Level of development and use.
C Stock and distribution.

- B Origin.
D All of these.

Q174. The most important commercial use of forests is due to its:

1 Mark

- A Manufacture of wood pulp and paper
C Supply of firewood for cooking
B Manufacture of furniture
D Supply of timber for construction

Q175. Complete the statement: Biotic resources are_____.

1 Mark

- A Derived from living things
C Derived from non-living things
B Made by human beings
D None of these

Q176. Name a type of resource which has a limited stock and once exhausted may take thousands of years to be replenished.

1 Mark

- A Ubiquitous
B Renewable
C Non-renewable
D Localised

Q177. India is producing Geothermal energy in_____:

1 Mark

- A Mumbai
B Kerala
C Chennai
D Himachal Pradesh

Q178. Which soil is largely found in the Deccan plateau?

- A Alluvial soil
C Laterite soil
B Black soil
D Red and Yellow soil

Q179. Coal is an example of:

- A Renewable resources
B Non-renewable resources
C Human resources
D Potential resources

Q180. **Assertion (A):** Things become resources
Reason (R): Resources not having any demand

- A A is correct but R is wrong
C Both A and R are true but R is not the correct explanation of A.
B Both A and R are true and R is the correct explanation of A.
D A is wrong but R is correct

Q181. The given diagram can be related to which of the following practices?



- A Water harvesting
B Rain water collection
C Irrigation
D Both A & B

Q182. Which of the following resources have maximum economic value?

1 Mark

- A Metals.
B Desert regions.
C Roads.
D Landscapes.

Q183. Which environmental movement refers to as Greed Game political populism by the environmentalists?

1 Mark

- A Narmada Bacho Andolan
B Silent Valley Movement
C Appiko Movement
D Jungle Bachao Andolan

Q184. Which of the following explains the importance of shelterbelts?

1 Mark

- A Shelterbelts are flat steps made on the steep slopes.
C Shelterbelts are water harvesting structures in dry areas.
B Shelterbelts are rows of trees planted in coastal or dry regions to check wind movement to protect soil cover.
D Shelterbelts are rows of trees planted to protect the soil from rainwash.

Q185. Which one of the following type of resource is iron ore:

1 Mark

A Renewable B Biotic C Flow D Non-renewable

Q186. Olive tree is a type of: **1 Mark**

A Savanna forest B Monsoon forest C Mediterranean forest D Deciduous forest

Q187.are obtained from biosphere and have life such as human beings flora and fauna, fisheries, livestock etc: **1 Mark**

A Abiotic Resources B Biotic Resources C Both D None of the above

Q188. If the one glass sheet used to sandwich the thin layer of a liquid crystal is deposited with transparent electrodes and the other with a reflective coating on their inside faces in a liquid crystal cell then it is known as _____: **1 Mark**

A Transmittive type cell B Deflective type cell C conductive type cell D Reflective type cell

Q189. One of the historical factors causing damage to our resources was _____. **1 Mark**

A Minimum utilization of resources during British time. B Under utilization of resources during British time.
C Over-exploitation of resources during British time. D Under utilization of resources after Independence.

Q190. **Assertion (A):** Resources that are drawn from Nature and used without much modification are called Human made resources

Reason (R): air we breathe, the water in our rivers and lakes, the soils, minerals resources are free gifts of nature and can be used directly.

A A is correct but R is wrong B A is wrong but R is correct
C Both A and R are true and R is the correct explanation of A. D Both A and R are true but R is not the correct explanation of A.

Q191. State whether the following statement is True or False.
All natural sources of energy are renewable.

Q192. A solar thermal collector:

A Collects solar energy and reflects it back B Absorbs the solar radiation and dissipates it to the ambient
C Collects and converts solar energy into electrical energy D Collects and converts the solar energy into thermal energy and delivers it to the next stage of the system

Q193. Which one of the following is not an "Abiotic Resource"?

A Rocks B Metals C Fish D Minerals

Q194. Which of the following is NOT one of the fields of application of photoelectric cell?

A Street lightning B Reproduction of light in motion picture
C Burglar arms D Counting machines

Q195. Why are resources distributed unequally over the earth? **2 Marks**

Q196. Answer the following questions. **2 Marks**
Why are resources distributed unequally over the earth?

Q197. Define potential resources? Give example. **2 Marks**

Q198. Differentiate between ubiquitous and localised resources. **2 Marks**

Q199. Why are people considered as a resource? **2 Marks**

Q200. Why are human beings resources? **2 Marks**

Q201. Write a short note on biotic and abiotic resources. **2 Marks**

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- Q202.** Differentiate between abiotic and biotic resources. **2 Marks**
- Q203.** Write the classification of natural resources. **2 Marks**
- Q204.** Mention how stock of certain renewable resources may get affected by overuse. **2 Marks**
OR
 Why certain renewable resources need to be used judiciously?
- Q205.** How potential resource can be actual resource? **2 Marks**
- Q206.** Describe the types of resources. **2 Marks**
- Q207.** What do actual resources mean? Give example. **2 Marks**
- Q208.** Write some principles of sustainable development. **2 Marks**
- Q209.** Explain how resources are classified broadly.
- Q210.** Answer the following questions.
 Why are human resources important?
- Q211.** Mention our duty to maintain and preserve the life support system that nature provides.
- Q212.** What is the significance of time and technology in making a substance a resource?
- Q213.** Write a short note on the significance of time and technology in making a substance a resource.
- Q214.** Briefly describe the resources on the basis of stock.
- Q215.** As human beings, how can we ensure sustainable development?
- Q216.** Explain the terms resource conservation and sustainable development.
- Q217.** Differentiate between natural resources and human made resources.
- Q218.** Differentiate between potential and actual resources.
- Q219.** Give a comparative study of Human-made resource and Human Resource?
- Q220.** Technology: It is the application of latest knowledge and skill in doing or making things. Value means worth. Some resources have economic value, some do not. For example, metals may have an economic value, a beautiful landscape may not. But both are important and satisfy human needs.
1. Write a short note on the significance of time and technology in making a substance.
 1. Water
 2. Electricity
 3. Vegetables
 4. All of these
 2. Which of these have economic value?
 1. Landscape
 2. Home remedies
 3. Metals
 4. None of these
 3. Resources are distributed unequally over the earth because of.
 1. The different natural condition
 2. Level of development
 3. Technological levels

4. All of these
4. The basis of classification of resources are.
 1. Level of development and use
 2. Origin
 3. Stock and distribution
4. All of these
5. The resources whose quantities are known, named as.
 1. Potential resource
 2. Actual Resource
 3. Stock
4. All of these

Q221. Resources that are drawn from Nature and used without much modification are called natural resources. The air we breathe, the water in our rivers and lakes, the soils, minerals are all natural resources. Many of these resources are free gifts of nature and can be used directly. In some cases tools and technology may be needed to use a natural resource in the best possible way. **5 Marks**

1. An example of biotic resources.
 1. Mineral oil
 2. Human being
 3. Iron
 4. Gold
2. Natural resources are the basis of life on ____ .
 1. Mars
 2. Mercury
 3. Earth
 4. None of these
3. Biotic resources are those obtained from the _____.
 1. Wind
 2. Time
 3. Biosphere
 4. Water
4. Which of these are considered as renewable source of energy?
 1. Wind
 2. Solar
 3. Botha 1&2
 4. None of these
5. The EEZ of India is upto _____.
 1. 12 miles
 2. 200 Nautical miles
 3. 140km
 4. None of these

Q222. “Rahiman paani raakhiye,
Bin paani sab soon.
Paani gaye na ubere
Moti, manus, choon...”
[Says Rahim, keep water, as without water there is nothing. Without water pearl, swan and dough cannot exist.]
These lines were written by the poet Abdur Rahim Khankhana, one of the nine gems of Akbar’s court. What kind of resource is the poet referring to?
Write in 100 words what would happen if this resource disappeared?

Q223. Which two important factors can change substances into resources? **5 Marks**

Q224. Renewable resources are those which get renewed or replenished quickly. Some of these are unlimited and are not affected by human activities, such as solar and wind energy. Yet careless use of certain renewable resources like water, soil and forest can affect their stock. Water seems to be an unlimited renewable resource. But shortage and drying up of natural water sources is a major problem in many parts of the world today. Non- **5 Marks**

renewable resources are those which have a limited stock. Once the stocks are exhausted it may take thousands of years to be renewed or replenished. Since this period is much more than human life spans such resources are non renewable. Coal, petroleum and Natural gas are some example.

1. Which is renewable resource.

1. Water
2. Coal
3. Fuels
4. Minerals

2. Which of the following are non-renewable resources?

1. Solar
2. Thermal
3. Tidal
4. Wind

3. In society human beings are ____ .

1. Interdependent
2. Dependent
3. Independent
4. Isolated

Q225. Non-renewable resources are those which have a limited stock. Once the stocks are exhausted it may take thousands of years to be renewed or replenished. Since this period is much more than human life spans such resources are considered as non-renewable resources. Coal, petroleum and natural gas are example.

1. Coal is an example of.

1. Renewable resources
2. Non-renewable resources
3. Human resource
4. Potential resource

2. Resources used carefully and giving them time to get renewed is called.

1. Resource Depletion
2. Resource Conservation
3. Resource Pollution
4. None of these

3. Balancing the needs to use resources and also conserve them for future generation.

1. Development
2. Devaluation
3. Sustainable Resources
4. All of these

4. Resources drawn from nature and used without much modification are called.

1. Human made resource
2. Natural resources
3. Cultural resources
4. None of these

5. What makes an object or substance a resource is its.

1. Utility
2. Origin
3. Stock
4. Patent

Q226. Match the items given in Column A correctly with those given in Column B.

5 Marks

	Column A		Column B
(i)	Resource	(a)	A renewable source of energy
(ii)	Windmill	(b)	Human-made resource
(iii)	Plants and trees	(c)	Abiotic resources
(iv)	A vehicle	(d)	Utility
(v)	Rocks and minerals	(e)	Biotic resources

Q227.

5 Marks

Resources that are drawn from Nature and used without much modification are called natural resources. The air we breathe, the water in our rivers and lakes, the soils, minerals are all natural resources. Many of these resources are free gifts of nature and can be used directly. In some cases tools and technology may be needed to use a natural resource in the best possible way.

1. Rocks and Metals are ____ resources.

1. Abiotic
2. Biotic
3. Renewable
4. All of the above

2. Resources that are found everywhere are called ____.

1. Localized Resources
2. Ubiquitous resources
3. Biotic resource
4. Abiotic resource

3. An example of resource without value is ____.

1. Iron
2. Cotton
3. Grass
4. Man

Q228. Sometimes natural substances become resources only when their original form has been changed. Iron ore was not a resource until people learnt to extract iron from it. People use natural resource to make buildings, bridges, roads, machinery and vehicles, which are known as human made resources. Technology is also a human resource.

1. Environmental resources include ____ .

1. Electricity
2. Books
3. Soil
4. Television

2. A common example of an individual-owned and a community owned resource is ____.

1. River
2. Sea
3. Lake
4. Pond

3. Complete the statement: Biotic resources are ____ .

1. Derived from living things
2. Made by human beings
3. Derived from non-living things
4. None of these

Q229. Describe how resources are classified.

Q230. Resources that are drawn from Nature and used without much modification are called natural resources. The air we breathe, the water in our rivers and lakes, the soils, minerals are all natural resources. Many of these resources are free gifts of nature and can be used directly. In some cases tools and technology may be needed to use a natural resource in the best possible way.

1. Oceanic tides are.

1. Potential resources
2. Actual resources
3. Personal resources
4. None of these

2. Which is Ubiquitous resource?

1. Air
2. Coal
3. Land
4. Water

3. Which of the following is not a natural resource.

1. Mineral

2. Land
3. Water
4. Electricity

Q231. Write the basic principles of sustainable development.

5 Marks

Q232. Resources that are drawn from Nature and used without much modification are called natural resources. The air we breathe, the water in our rivers and lakes, the soils, minerals are all natural resources. Many of these resources are free gifts of nature and can be used directly. In some cases tools and technology may be needed to use a natural resource in the best possible way. **5 Marks**

1. Which of the following is not an abiotic resources?

1. Rocks
2. Metals
3. Fish
4. Minerals

2. _____ can turn a human being into a resource.

1. Money
2. Property
3. Wealth
4. Education

3. Which of the following is not a natural resource?

1. Air
2. Water
3. Building
4. Soil

Q233. Give a brief description on the classification of natural resources.

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